Village of Bloomingdale, Illinois

Approved
FY19 Capital Improvement Plan
For the Period FY19 through FY23

Village of Bloomingdale

Capital Improvement Plan
For the Period FY19 through FY23
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INTRODUCTION

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Village of Bloomingdale

"Growth with Pride"

Franco A. Coladipietro
Village President

Jane E. Michelotti
Village Clerk

June 11, 2018

The Residents of the Village of Bloomingdale,
Mr. Franco A. Coladipietro, Village President, and
The Village Board of Trustees
Village of Bloomingdale, Illinois

We are pleased to present the final, revised Village of Bloomingdale, Illinois' FY19 Capital Improvement Plan (CIP). The CIP is intended to cover the period of five (5) years - FY19 through FY23 – and represents the Village's commitment to maintain existing assets and plan for new assets necessary for the Village to achieve its Vision and Mission. It provides perspective, greater than the annual fiscal year budget, into the investment required to maintain and provide the service levels residents demand and deserve. The CIP is an integral part of responsible fiscal management and the effort to preserve and enhance the quality of life in Bloomingdale.

The CIP is a multi-year plan, comprised of 296 projects with an estimated cost of approximately $53.89 million, which aggregates all known capital projects in a central report to facilitate prioritization, timing and financing of each project. It attempts to forecast or anticipate spending for capital projects and forecast the funding or financing of those projects or at a minimum, provide the framework to begin discussions about financing. The CIP is intended to provide a comprehensive view of the Village's equipment, infrastructure and facility needs, across all Funds and Departments, over the next five (5) fiscal years (FY19 through FY23) and is updated annually to create a "rolling" five (5) year plan. This report is available on the Village's web site at, http://www.villageofbloomingdale.org/627/Capital-Improvement-Plan-CIP.

Guiding the formation of the CIP and providing direction into the projects and programs to include in it are the Village's Vision and Mission Statements that can be found in the annual budget document. The review and preparation of the CIP is coordinated with the FY19 Budget as those projects included in the CIP and listed as FY19 are also included in the FY19 Budget. Staff identified which projects can be accomplished

in a given year, within the limits of the Village's control, incorporating resource allocation, prioritization, evaluation of external factors, and cost evaluation to arrive at the FY19 CIP. Numerous sources are drawn upon to develop the costs of each project, such as, engineering plans, traffic needs, comparative cost analyses, development plans, and other miscellaneous sources. As would be expected, the data available, and therefore the cost estimates, for the earlier years are more precise than the latter years. As it becomes clear that projects listed in FY20 and beyond will become a reality, they will be more clearly defined in scope and detailed plans and costs will be prepared.

The CIP is organized around the four (4) primary **Departments** of:

CIP Departments
1. Police
2. Public Works
3. Other a. Other-Administration b. Other-Finance c. Other-Engineering d. Other-Building & Zoning e. Other-Information Systems
4. Golf Course

This CIP reflects the reorganization of the Village Services Department into separate Public Works, Engineering, and Building & Zoning Departments, as well as the separation of the Information Systems Department from Administration. For reporting purposes, due to the limited number of capital projects, the Administration, Finance, Engineering, Building & Zoning and Information Systems Departments have been combined into one single "Other" Department.

Further, all projects have been associated with one of sixteen (16) **Categories** or type of project of:

CIP Categories			
1. Vehicle – Replacement	5. Road Program	9. Open Space Acquisitions	13. Sewer – Sanitary Collection System
2. Vehicle – New	6. Other	10. Other	14. Sewer – Water Reclamation Facility
3. Equipment – Replacement	7. Water – Source of Supply	11. Water – Source of Supply	15. Stormwater Collection/Drainage
4. Equipment – New	8. Water – Distribution System	12. Water – Distribution System	16. Golf Course

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Each individual project is presented by a **CIP Form** that provides explanation about the project, more specifically; it states the issue, an analysis of the issue, a solution to the issue, the cost of the project and the fiscal year in which the project is anticipated to be implemented. Additionally, each project is designated as one of two (2) types of projects - **NEW or MAJOR MAINTENANCE (MTCE)**. Both types of projects are related in that they involve the use or outlay of significant resources but they are not synonymous. A **NEW project** involves the acquisition of land, improvements to land, easements material in unit cost, buildings, building improvements, vehicles, equipment, works of art and collections, infrastructure such as water and sanitary sewer mains, storm sewers, roadways, etc. and all other tangible assets used in Village operations. A **MAJOR MTCE project** involves expenses that are beyond the regular, normal upkeep of an asset and incurred to repair or return the asset to its current intended use, to prevent further damage, or to make it compliant with changes in laws, regulations, codes or standards.

A **NEW** project is defined as meeting both of the following criteria and is typically budgeted in account # 69xxx:

1. The unit cost, at the time of acquisition, must be $5,000 or greater, AND
2. The unit must have a useful life of at least two (2) years from the date of acquisition.

A **MAJOR MAINTENANCE** project is defined as meeting all of the following criteria and is typically budgeted in account # 64xxx.

1. The project cost must be $20,000 or greater, AND
2. The project must be performed infrequently or on a non-routine basis. For purposes of this CIP infrequent or non-routine means no more often than once every five (5) years, AND
3. The project must be expected to extend the service life/capacity of an asset by at least five (5) years.

Exceptions to these general definitions or rules are addressed on a case-by-case situation.

Projects reflected in the CIP are dedicated toward providing general government services (i.e. – administration, finance and information systems), public safety, public works and services, water and sewerage utility services, and sport or recreation in the form of golf. A summary of the capital improvements by Department is found in the schedule and graphs below.

Department	# of Projects	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total	
							$	%
Police	26	$244,620	$279,790	$140,070	$163,980	$148,980	$977,440	2%
Public Works	207	$7,206,495	$19,469,150	$9,575,780	$8,484,120	$6,346,065	$51,081,610	95%
Other	26	$616,500	$150,000	$76,270	$167,000	$140,000	$1,149,770	2%
Golf Course	37	$131,600	$67,000	$125,000	$47,660	$306,055	$677,315	1%
Total	296	$8,199,215	$19,965,940	$9,917,120	$8,862,760	$6,941,100	$53,886,135	100%

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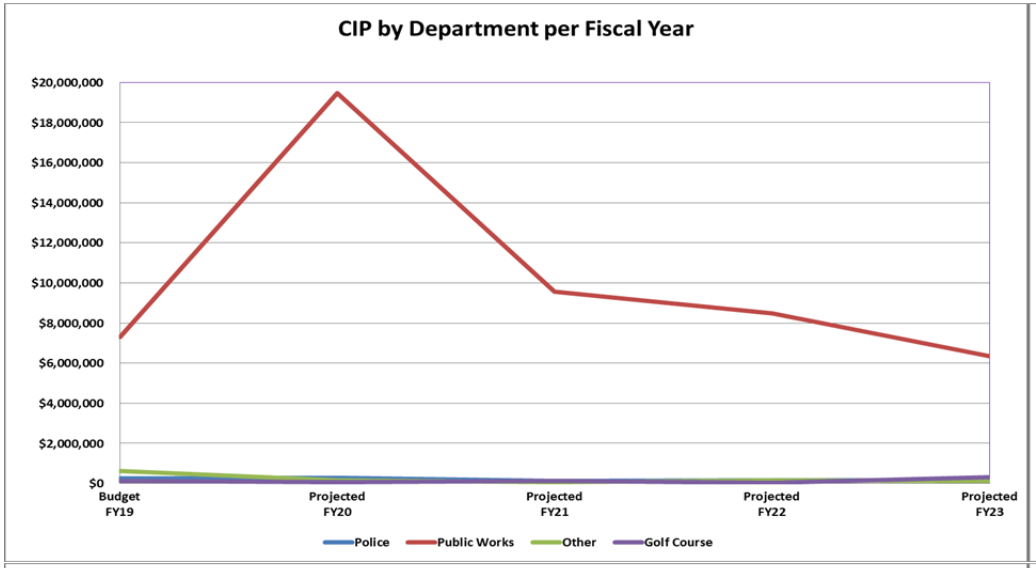

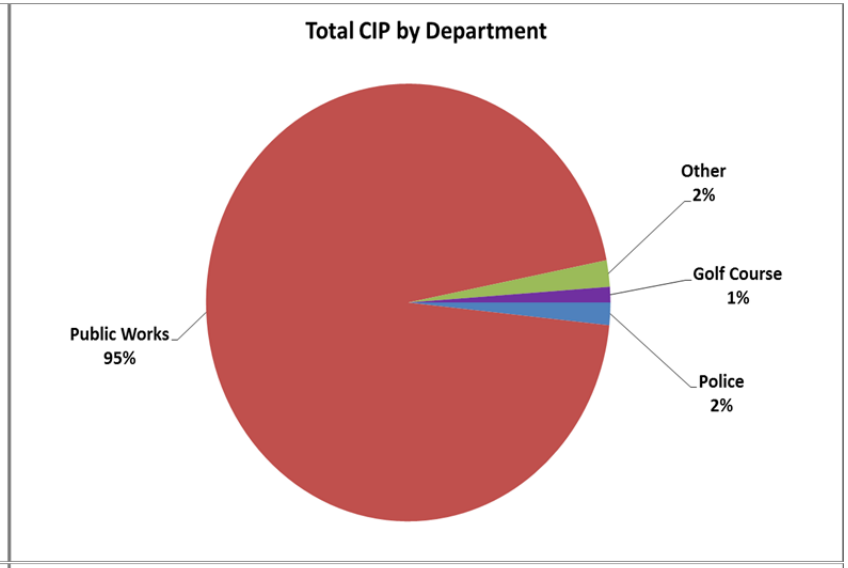

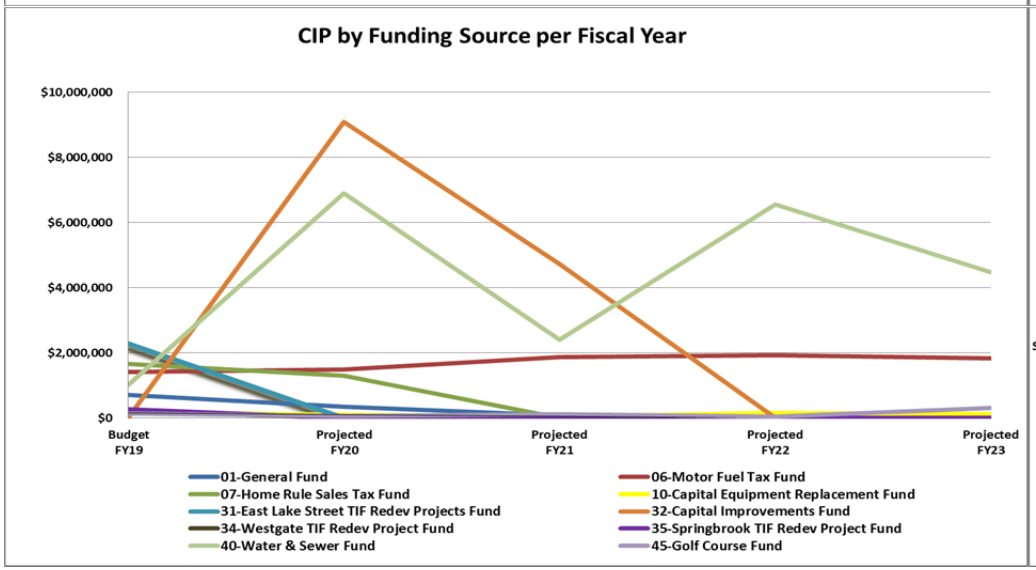

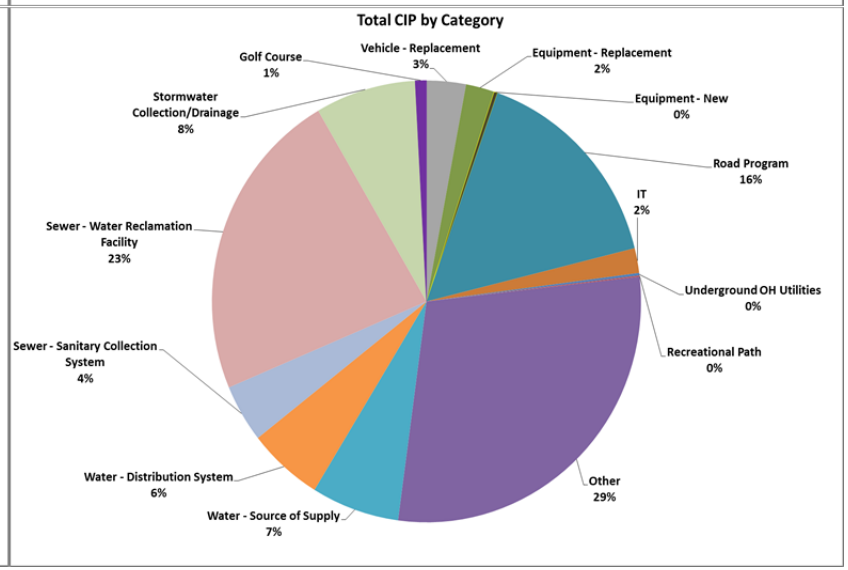

June 11, 2018

The Residents of the Village of Bloomingdale,
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The projects are further delineated into the aforementioned categories as follows:

Category	# of Projects	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total $	Total %
Vehicle - Replacement	15	$351,980	$571,005	$428,300	$123,980	$123,980	$1,599,245	3%
Vehicle - New	0	$0	$0	$0	$0	$0	$0	0%
Equipment - Replacement	93	$225,100	$376,855	$355,270	$106,660	$93,555	$1,157,440	2%
Equipment - New	11	$43,000	$60,000	$0	$0	$41,000	$144,000	0%
Road Program	1	$1,301,230	$1,481,000	$1,860,000	$1,926,000	$1,824,000	$8,392,230	16%
IT	20	$536,000	$135,000	$45,000	$140,000	$125,000	$981,000	2%
Underground OH Utilities	15	$100,000	$0	$0	$0	$0	$100,000	0%
Recreational Path	15	$45,050	$0	$0	$0	$0	$45,050	0%
Open Space Acquisitions	0	$0	$0	$0	$0	$0	$0	0%
Other	13	$4,493,670	$6,353,000	$4,765,000	$0	$0	$15,611,670	29%
Water - Source of Supply	15	$38,000	$96,750	$408,200	$21,200	$3,013,200	$3,577,350	7%
Water - Distribution System	32	$94,000	$701,300	$556,300	$895,300	$804,680	$3,051,580	6%
Sewer - Sanitary Collection System	22	$145,000	$492,200	$667,455	$467,200	$517,200	$2,289,055	4%
Sewer - Water Reclamation Facility	29	$741,185	$5,578,830	$769,595	$5,167,420	$133,485	$12,390,515	23%
Stormwater Collection/Drainage	6	$0	$4,085,000	$7,000	$0	$0	$4,092,000	8%
Golf Course	9	$85,000	$35,000	$55,000	$15,000	$265,000	$455,000	1%
Total All	296	$8,199,215	$19,965,940	$9,917,120	$8,862,760	$6,941,100	$53,886,135	100%

The FY19 CIP includes a total of thirty-eight (38) projects totaling $8.20 million. The FY19 budget reflects all thirty-eight projects of which thirty-one (31) projects are considered capital outlays and total $7.80 million and the remaining seven (7) projects total $398,355 are considered major maintenance projects. A summary of the capital outlays projects can be found in the Introduction – Expenses section of the FY19 budget document.

Several of projects in the FY19 CIP and budget can be identified to a geographic, address specific, location and are shown in the Village-wide map on page 11. The project numbers noted on the map correspond to the project numbers shown in the CIP. As can be seen on the map, the projects are located throughout the Village benefitting each quadrant or geographic section to some degree, most notably the Village-wide street improvement program. All projects will be paid with current resources and no debt will be issued.

June 11, 2018

The Residents of the Village of Bloomingdale,
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The Village Board of Trustees

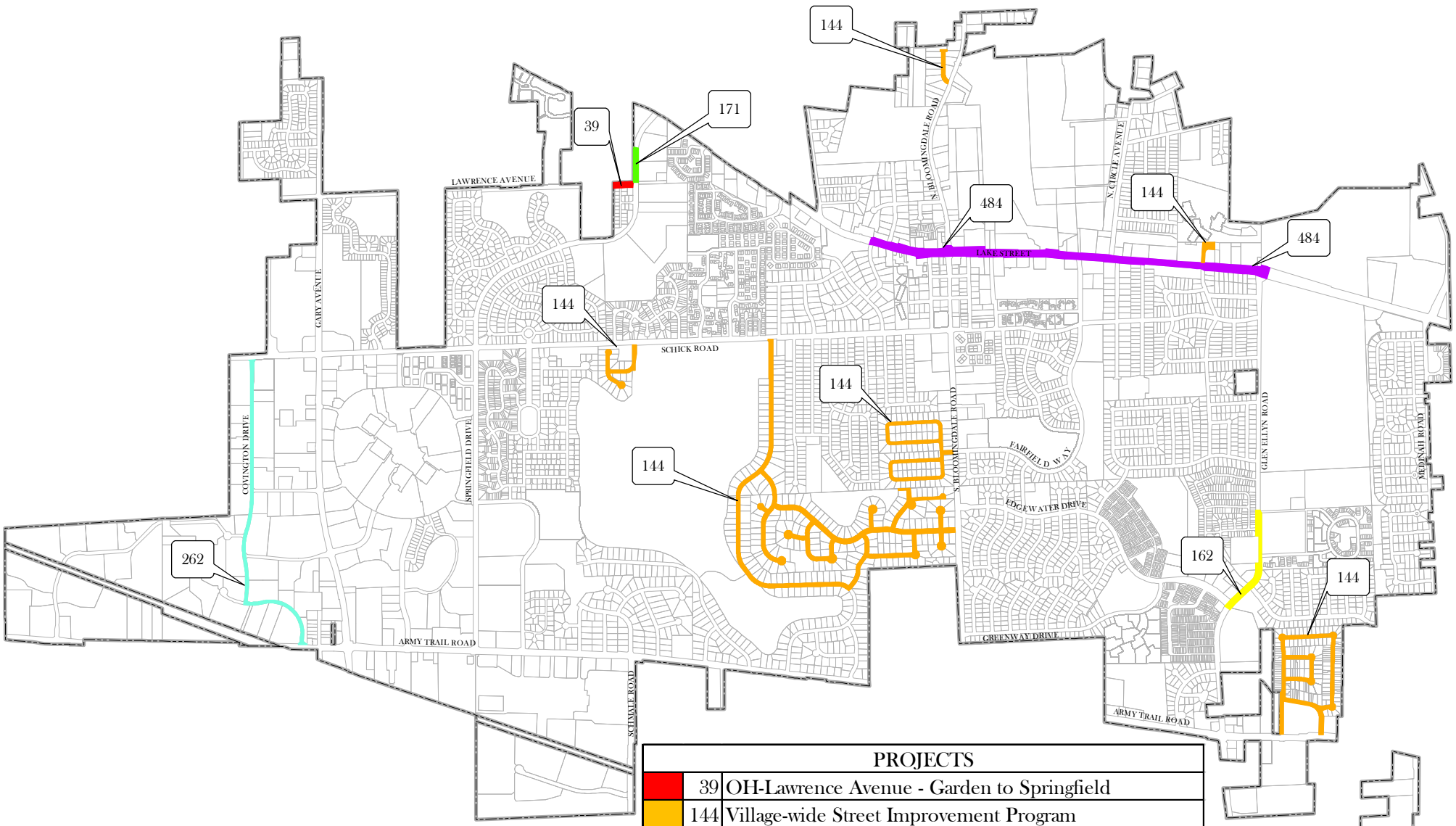
A summary of the CIP's ten (10) largest projects is provided below. 84% or $45.03 million of the CIP's total cost of $53.89 million is represented by ten (10) projects, Seven (7) of which (#s 74, 474, 484, 418, 473, 271 and 492) will likely involve debt financing. The Village-wide Street Improvement Program is funded through the MFT Fund with current resources. The Water and Sanitary Sewer Main Major Maintenance projects represent depreciation costs or the acknowledgement that a portion of the asset is being consumed over its useful life and that funding for its replacement should be occurring. The percentages shown in the schedule represent the total project cost in relation to the total CIP cost.

Project #	Page	Description	Fund Type	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total $	Total %
144	62	Village-wide Street Improvement Program	Governmental	$1,301,230	$1,481,000	$1,860,000	$1,926,000	$1,824,000	$8,392,230	16%
74	201	WRF Phosphorus Compliance	Water & Sewer	$0	$0	$485,000	$5,040,000	$0	$5,525,000	10%
474	170	WRF Grit-Screening Removal Facility	Water & Sewer	$305,000	$5,195,000	$0	$0	$0	$5,500,000	10%
484	61	Lake Street Streetscape and Lighting Enhancements	Governmental	$4,198,670	$1,300,000	$0	$0	$0	$5,498,670	10%
418	75	Village Hall & Annex Renovation	Governmental	$0	$5,000,000	$0	$0	$0	$5,000,000	9%
473	89	Public Works Facility Expansion	Governmental	$0	$0	$4,725,000	$0	$0	$4,725,000	9%
271	76	Indian Lakes Open Space Area Development Program	Governmental	$0	$4,085,000	$0	$0	$0	$4,085,000	8%
492	214	Sensus Flexnet System for Water	Water & Sewer	$0	$0	$0	$0	$3,000,000	$3,000,000	6%
63	182	Water Main Major Maintenance Improvements	Water & Sewer	$0	$451,300	$451,300	$451,300	$451,300	$1,805,200	3%
72	183	Sanitary Sewer Main Major Maintenance Improvements	Water & Sewer	$0	$373,800	$373,800	$373,800	$373,800	$1,495,200	3%
		Total		$5,804,900	$17,886,100	$7,895,100	$7,791,100	$5,649,100	$45,026,300	84%

Revenues from multiple funds will be used to support the projects contained in the CIP through FY23. The following schedule provides a summary of the CIP's funding sources. There are 158 projects, of the 296 total number of projects, that will either require the identification of a funding source if and when the project(s) becomes a priority or the project(s) is not anticipated to occur until sometime after FY23.

Sources-Funding Source	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total $	Total %
01-General Fund	$729,905	$348,000	$77,000	$15,000	$36,000	$1,205,905	2%
06-Motor Fuel Tax Fund	$1,301,230	$1,481,000	$1,860,000	$1,926,000	$1,824,000	$8,392,230	16%
07-Home Rule Sales Tax Fund	$1,654,000	$1,300,000	$0	$0	$0	$2,954,000	5%
10-Capital Equipment Replacement Fund	$594,575	$790,860	$728,570	$322,980	$306,480	$2,743,465	5%
31-East Lake Street TIF Redev Projects Fund	$2,290,800	$0	$0	$0	$0	$2,290,800	4%
32-Capital Improvements Fund	$0	$9,085,000	$4,725,000	$0	$0	$13,810,000	26%
34-Westgate TIF Redev Project Fund	$208,670	$0	$0	$0	$0	$208,670	0%
35-Springbrook TIF Redev Project Fund	$270,250	$0	$0	$0	$0	$270,250	1%
40-Water & Sewer Fund	$1,018,185	$6,894,080	$2,401,550	$6,551,120	$4,468,565	$21,333,500	40%
45-Golf Course Fund	$131,600	$67,000	$125,000	$47,660	$306,055	$677,315	1%
Total All	$8,199,215	$19,965,940	$9,917,120	$8,862,760	$6,941,100	$53,886,135	100%

FY19 CIP Infrastructure Projects



		PROJECTS
	39	OH-Lawrence Avenue - Garden to Springfield
	144	Village-wide Street Improvement Program
	162	RP-East Branch Trail - Carriage Way to Sunny Side Park
	171	RP-Springfield Drive - Lawrence to Lake Street
	262	Covington Corporate Center Sidewalk Project
	484	Lake Street Streetscape and Lighting Enhancements

Growth With Pride

DATE: 2/23/2018
PREPARED BY: M. MILA
CHECKED BY: RFP

June 11, 2018

The Residents of the Village of Bloomingdale,
Mr. Franco A. Coladipietro, Village President, and
The Village Board of Trustees

Significant time and effort has been dedicated to the preparation of this CIP document by many staff members and our sincere appreciation is extended to each one of them for their input, diligence and perseverance. Special recognition goes out to the Department Directors for their efforts in leading their staff toward the compilation of this report.

Respectfully,

VILLAGE OF BLOOMINGDALE, IL

Pietro Scalera, Village Administrator

Gary L. Szott, Finance Director/Treasurer

Village of Bloomingdale

Listing of CIP Projects and Sources

Village of Bloomingdale

5/11/2018

Listing of CIP Projects and Sources

#	Page	# of Projects	Project - Title	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
1	61	484	Lake Street Streetscape and Lighting Enhancements	$4,198,670	$1,300,000	$0	$0	$0	$5,498,670
2	62	144	Village-wide Street Improvement Program	$1,301,230	$1,481,000	$1,860,000	$1,926,000	$1,824,000	$8,392,230
3	272	22	Replace Financial/ERP Software System	$500,000	$0	$0	$0	$0	$500,000
4	170	474	WRF Grit-Screening Removal Facility	$305,000	$5,195,000	$0	$0	$0	$5,500,000
5	171	186	Additional Alternative Back-up Electrical Power Sources	$200,000	$0	$0	$0	$0	$200,000
6	172	193	SCADA for Filter Process	$130,000	$0	$0	$0	$0	$130,000
7	26	131	Marked Patrol Vehicles	$127,900	$42,630	$42,630	$85,260	$85,260	$383,680
8	63	527	Village Hall and Police Department Roof Replacement	$120,000	$0	$0	$0	$0	$120,000
9	64	39	OH-Lawrence Avenue - Garden to Springfield	$100,000	$0	$0	$0	$0	$100,000
10	65	303	2002 Ford Dump Truck #302	$95,000	$0	$0	$0	$0	$95,000
11	66	519	Police Department Cold Water Chiller	$95,000	$0	$0	$0	$0	$95,000
12	67	152	2005 Dump Truck #705	$90,360	$0	$0	$0	$0	$90,360
13	68	262	Covington Corporate Center Sidewalk Project	$80,000	$0	$0	$0	$0	$80,000
14	27	98	Security System - Cameras & Sensors	$78,000	$0	$0	$0	$0	$78,000
15	173	525	Bloomingdale Rd Lift Station-Control Cabinet	$75,000	$0	$0	$0	$0	$75,000
16	174	293	Grit Removal	$70,000	$70,000	$70,000	$0	$0	$210,000
17	273	324	In-Squad Mobile Computer	$63,000	$0	$0	$0	$0	$63,000
18	302	467	HVAC System - Replace Heat Exchangers	$46,600	$0	$0	$0	$0	$46,600
19	175	238	Fire Hydrant Replacement Program	$45,000	$45,000	$45,000	$100,000	$100,000	$335,000
20	176	237	Main Line Water Valve Replacement Program	$40,000	$45,000	$45,000	$45,000	$45,000	$220,000
21	177	285	Sanitary Sewer Wye & Manhole Sealing	$40,000	$40,000	$40,000	$40,000	$40,000	$200,000
22	303	481	Golf Course Mtc Bldg Roof Replacement	$40,000	$0	$0	$0	$0	$40,000
23	28	132	Unmarked CIY Vehicles	$38,720	$116,160	$77,440	$38,720	$38,720	$309,760
24	178	291	Gary Ave Station #8 replace 200HP with 60HP pump	$38,000	$0	$0	$0	$0	$38,000
25	179	348	Water Quality Improvement Assessment (DRSCW)	$36,185	$58,830	$60,595	$62,420	$64,285	$282,315
26	274	486	Network Infrastructure Cabling - Village Hall	$36,000	$0	$0	$0	$0	$36,000
27	69	405	Pavement Saw - Walk Behind	$35,000	$0	$0	$0	$0	$35,000
28	180	349	Sanitary Wye Replacement & Point Repair Program	$30,000	$30,000	$30,000	$30,000	$30,000	$150,000
29	70	162	RP-East Branch Trail - Carriage Way to Sunny Side Park	$29,500	$0	$0	$0	$0	$29,500
30	304	506	Maintenance Building Heating units	$25,000	$0	$0	$0	$0	$25,000
31	275	199	Desktop Computers	$17,500	$15,000	$15,000	$15,000	$15,000	$77,500
32	71	171	RP-Springfield Drive - Lawrence to Lake Street	$15,550	$0	$0	$0	$0	$15,550
33	305	507	Irrigation Pump Shaft	$15,000	$0	$0	$0	$0	$15,000
34	72	496	Parts Washer Cabinet	$10,000	$0	$0	$0	$0	$10,000
35	73	528	Police Facility Identification Sign	$10,000	$0	$0	$0	$0	$10,000
36	181	513	1995 Sauber Shoring Trailer - Unit 1ST	$9,000	$0	$0	$0	$0	$9,000
37	74	526	Street Light Installation	$8,000	$0	$0	$0	$0	$8,000
38	306	263	Various, Miscellaneous, As-Needed GC Projects	$5,000	$5,000	$5,000	$5,000	$5,000	$25,000
39	75	418	Village Hall & Annex Renovation	$0	$5,000,000	$0	$0	$0	$5,000,000
40	76	271	Indian Lakes Open Space Area Development Program	$0	$4,085,000	$0	$0	$0	$4,085,000

Village of Bloomingdale

Listing of CIP Projects and Sources

#	Page	# of Projects	Project - Title	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
41	182	63	Water Main Major Maintenance Improvements	$0	$451,300	$451,300	$451,300	$451,300	$1,805,200
42	183	72	Sanitary Sewer Main Major Maintenance Improvements	$0	$373,800	$373,800	$373,800	$373,800	$1,495,200
43	77	343	2005 6-Wheel Dump Truck Vehicle #105	$0	$172,540	$0	$0	$0	$172,540
44	78	304	2006 International 2 1/2 Ton Dump Vehicle #605	$0	$154,115	$0	$0	$0	$154,115
45	184	524	Facility Plan Amendment (FPA) Update	$0	$102,000	$0	$0	$0	$102,000
46	29	446	Locker Replacements and Booking Room Renovation	$0	$95,000	$0	$0	$0	$95,000
47	79	450	Police Department Elevator Renovations	$0	$70,000	$0	$0	$0	$70,000
48	185	517	Water System Hydrualic Model Update	$0	$70,000	$0	$0	$0	$70,000
49	80	24	PW Facility Security System	$0	$60,000	$0	$0	$0	$60,000
50	81	312	2001 Ford New Holland Skidsteer Unit #180	$0	$57,855	$0	$0	$0	$57,855
51	82	226	Sealcoat VH, PW & GC Driveways and Parking Lots	$0	$53,000	$0	$0	$0	$53,000
52	186	77	New & Replacement Equipment	$0	$50,000	$50,000	$50,000	$50,000	$200,000
53	276	127	Microsoft Exchange Email Server	$0	$50,000	$0	$0	$0	$50,000
54	83	516	Asphalt Hot Box	$0	$50,000	$0	$0	$0	$50,000
55	187	518	Water System Condition and Reliability Study	$0	$50,000	$0	$0	$0	$50,000
56	188	296	Ford F250 pick up Vehicle # 208	$0	$48,550	$0	$0	$0	$48,550
57	84	156	2008 Ford Expedition #308	$0	$44,505	$0	$0	$0	$44,505
58	85	298	2003 Ford 1-Ton Pick-up Vehicle #503	$0	$41,055	$0	$0	$0	$41,055
59	189	53	MPI - Lake and Fairfield	$0	$40,000	$0	$0	$0	$40,000
60	307	251	Hybrid Diesel Mower - two (2)	$0	$32,000	$0	$0	$0	$32,000
61	190	369	WRF Post Aeration System - Submersible Aspirating Aerator	$0	$30,000	$0	$0	$0	$30,000
62	277	503	Update Office Suite Software	$0	$30,000	$0	$0	$0	$30,000
63	191	69	Lawrence Ave Lift Station	$0	$25,000	$0	$0	$0	$25,000
64	192	73	Sewer - New & Replacement Equipment	$0	$23,400	$23,400	$23,400	$23,400	$93,600
65	193	1	Winston Water Tower Maintenance	$0	$20,000	$350,000	$0	$0	$370,000
66	194	192	Main Control Building "C" Roof	$0	$20,000	$0	$0	$0	$20,000
67	278	194	Administration/Finance Copier	$0	$20,000	$0	$0	$0	$20,000
68	279	195	PD Records Copier	$0	$20,000	$0	$0	$0	$20,000
69	308	487	Sealcoat Golf Course Driveways and Parking Areas	$0	$20,000	$0	$0	$0	$20,000
70	195	190	Valve Actuators Controller Upgrades	$0	$18,000	$10,000	$0	$0	$28,000
71	30	100	Thermal Imager	$0	$15,000	$0	$0	$0	$15,000
72	196	189	Skylights - Various Buildings	$0	$15,000	$0	$0	$0	$15,000
73	197	463	Bulk Water Dispensing System at Public Works	$0	$15,000	$0	$0	$0	$15,000
74	280	500	Replacement Copier	$0	$15,000	$0	$0	$0	$15,000
75	86	114	Sign Shop Equipment Vinyl Cutter & Software	$0	$14,000	$0	$0	$0	$14,000
76	198	374	WRF Biosolids Sludge Pump CDQ DAA (East)	$0	$14,000	$0	$0	$0	$14,000
77	199	4	Source - New & Replacement Equipment	$0	$13,200	$13,200	$13,200	$13,200	$52,800
78	309	217	Various Course Improvements	$0	$10,000	$10,000	$10,000	$10,000	$40,000
79	87	121	Hydraulic Concrete Breaker - Skid Steer Attachment	$0	$10,000	$0	$0	$0	$10,000
80	88	125	Pressure Washer	$0	$7,000	$0	$0	$0	$7,000

Village of Bloomingdale

Listing of CIP Projects and Sources

#	Page	# of Projects	Project - Title	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
81	31	350	Single Band Portable Radio	$0	$6,000	$0	$0	$25,000	$31,000
82	200	197	Laboratory Incubator	$0	$6,000	$0	$0	$0	$6,000
83	32	99	Bird Dog Tracking System	$0	$5,000	$0	$0	$0	$5,000
84	89	473	Public Works Facility Expansion	$0	$0	$4,725,000	$0	$0	$4,725,000
85	201	74	WRF Phosphorus Compliance	$0	$0	$485,000	$5,040,000	$0	$5,525,000
86	90	315	2005 John Deere 544 Endloader #JD544	$0	$0	$180,000	$0	$0	$180,000
87	91	155	2007 International Dump Truck #106	$0	$0	$154,115	$0	$0	$154,115
88	92	328	2007 International 7400 Dump Vehicle #206	$0	$0	$154,115	$0	$0	$154,115
89	202	310	2003 Ford F450 Dump Truck Vehicle #703	$0	$0	$86,575	$0	$0	$86,575
90	203	68	North Circle Ave Lift Station	$0	$0	$80,000	$0	$0	$80,000
91	204	191	SCADA Replacement/Upgrade	$0	$0	$75,000	$0	$0	$75,000
92	93	313	1998 Vermeer Branch Chipper	$0	$0	$54,000	$0	$0	$54,000
93	310	245	Fairway Mower - two (2)	$0	$0	$50,000	$0	$0	$50,000
94	205	510	Eastside Ground Storage Tank Sump Pump Replacement	$0	$0	$45,000	$0	$0	$45,000
95	94	16	NPDES Phase 2 - Chloride Reduction Road Deicing	$0	$0	$40,000	$0	$0	$40,000
96	311	508	Club House Exterior Painting	$0	$0	$40,000	$0	$0	$40,000
97	206	358	Kubota 4WD Tractor #B2106	$0	$0	$33,680	$0	$0	$33,680
98	33	96	License Plate Recognition System	$0	$0	$20,000	$0	$0	$20,000
99	312	216	Veranda and Grill Room Furniture	$0	$0	$20,000	$0	$0	$20,000
100	281	110	Color Scanner	$0	$0	$16,270	$0	$0	$16,270
101	282	454	Public Works Copier	$0	$0	$15,000	$0	$0	$15,000
102	283	455	Village Services Copier/Printer	$0	$0	$15,000	$0	$0	$15,000
103	207	477	Mini Message Board #2	$0	$0	$15,000	$0	$0	$15,000
104	284	501	Replacement Broadband Wireless Equip VH-PW	$0	$0	$15,000	$0	$0	$15,000
105	208	375	WRF Biosolids Sludge Pump CDQ DAA (West)	$0	$0	$14,000	$0	$0	$14,000
106	95	17	NPDES Phase 2 - Salt Storage Door	$0	$0	$7,000	$0	$0	$7,000
107	209	373	WRF Digital Process Control Computers	$0	$0	$5,000	$0	$0	$5,000
108	210	514	2 1/2 Ton Dump Truck	$0	$0	$0	$180,000	$0	$180,000
109	211	316	2008 International Flat Bed #108	$0	$0	$0	$119,000	$0	$119,000
110	285	498	Replacement of Virtual Machine Hardware	$0	$0	$0	$70,000	$0	$70,000
111	286	499	Replacement of SANs	$0	$0	$0	$70,000	$0	$70,000
112	313	213	Multi-Pro Turf Sprayer	$0	$0	$0	$23,805	$0	$23,805
113	34	353	Squad Car Video Camera System	$0	$0	$0	$20,000	$0	$20,000
114	212	198	WRF 4X4 Utility Vehicle	$0	$0	$0	$15,000	$0	$15,000
115	287	108	HP Design 4500 Plotter	$0	$0	$0	$12,000	$0	$12,000
116	35	101	Breath Machine	$0	$0	$0	$10,000	$0	$10,000
117	36	289	Speed Trailer	$0	$0	$0	$10,000	$0	$10,000
118	314	214	GPS Irrigation System Computer	$0	$0	$0	$8,855	$0	$8,855
119	213	429	Cardinal Water Tower Maintenance	$0	$0	$0	$8,000	$0	$8,000
120	96	397	Lawn Mower #1224-000	$0	$0	$0	$7,000	$0	$7,000

Village of Bloomingdale

Listing of CIP Projects and Sources

#	Page	# of Projects	Project - Title	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
121	214	492	Sensus Flexnet System for Water	$0	$0	$0	$0	$3,000,000	$3,000,000
122	315	480	Golf Course Bridgework Repair	$0	$0	$0	$0	$250,000	$250,000
123	288	106	Phone System	$0	$0	$0	$0	$125,000	$125,000
124	215	356	Mini Excavator - CAT305	$0	$0	$0	$0	$96,380	$96,380
125	216	56	MPI - Bloomingdale Rd (Loop)	$0	$0	$0	$0	$52,000	$52,000
126	217	70	Eastgate Lift Station	$0	$0	$0	$0	$25,000	$25,000
127	218	71	Springfield Dr Lift Station	$0	$0	$0	$0	$25,000	$25,000
128	219	361	Trailer (Rolls Rite- 25KP25HD-LP) #T408	$0	$0	$0	$0	$25,000	$25,000
129	220	57	MPI - Schick, Cardinal, Villa (Loop)	$0	$0	$0	$0	$23,000	$23,000
130	316	327	Sandtrap Rake Utility Vehicle	$0	$0	$0	$0	$21,055	$21,055
131	97	26	GPS Units for PW Vehicles	$0	$0	$0	$0	$21,000	$21,000
132	317	219	Chemical Recycling System	$0	$0	$0	$0	$20,000	$20,000
133	98	123	15,000 lb Capacity Automotive Lift	$0	$0	$0	$0	$16,000	$16,000
134	221	259	GPS Units for WS Utility Vehicles	$0	$0	$0	$0	$12,000	$12,000
135	222	294	Chlorination System Upgrade	$0	$0	$0	$0	$12,000	$12,000
136	99	111	10,000 lb Capacity Automotive Lift	$0	$0	$0	$0	$10,000	$10,000
137	223	150	Chemical Vacuum Induction Pump	$0	$0	$0	$0	$7,200	$7,200
138	100	124	Standing Lawn Mower	$0	$0	$0	$0	$6,500	$6,500
139	224	3	Water Storage	$0	$0	$0	$0	$0	$0
140	225	5	MPI - Glenwood between Gary Ave & Schick Rd	$0	$0	$0	$0	$0	$0
141	101	13	Springbrook Erosion Control	$0	$0	$0	$0	$0	$0
142	102	15	Lake Illini Retention Pond Sediment Removal	$0	$0	$0	$0	$0	$0
143	103	27	OH-Glen Ellyn Road - Ironwood to Carriage Way	$0	$0	$0	$0	$0	$0
144	104	28	OH-Glen Ellyn Road - Carriage Way to Harvard	$0	$0	$0	$0	$0	$0
145	105	29	OH-Bloomingdale Road - Greenway to Fairfield Way	$0	$0	$0	$0	$0	$0
146	106	30	OH-Bloomingdale Road - Fessler to Picton	$0	$0	$0	$0	$0	$0
147	107	32	OH-Gary Avenue - Lawrence to Foster	$0	$0	$0	$0	$0	$0
148	108	33	OH-Gary Avenue - 700' South of Foster to Foster	$0	$0	$0	$0	$0	$0
149	109	34	OH-Gary Avenue - Lawrence to Meijer N Property Line	$0	$0	$0	$0	$0	$0
150	110	35	OH-Medinah Road - Byron to Lake	$0	$0	$0	$0	$0	$0
151	111	36	OH-Medinah Road - Lake to Spring Valley	$0	$0	$0	$0	$0	$0
152	112	37	OH-Lawrence Avenue - Gary to Thorn	$0	$0	$0	$0	$0	$0
153	113	38	OH-Lawrence Avenue - Wheaton to Springfield	$0	$0	$0	$0	$0	$0
154	114	40	OH-Broker Road - Circle to St Francis	$0	$0	$0	$0	$0	$0
155	115	41	OH-Thorn Road - Corporate Limits to Lawrence	$0	$0	$0	$0	$0	$0
156	116	43	OH-Old Gary Road - CNRR to N of Army Trail Road	$0	$0	$0	$0	$0	$0
157	226	52	MPI - East Army Trail Rd (loop)	$0	$0	$0	$0	$0	$0
158	227	54	MPI - Cavalry Drive Area	$0	$0	$0	$0	$0	$0
159	228	55	MPI - Medinah Rd (Loop)	$0	$0	$0	$0	$0	$0
160	229	60	MPI - N Bloomingdale Rd (Loop)	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources

#	Page	# of Projects	Project - Title	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
161	230	61	MPI - Brighton Dr (Loop)	$0	$0	$0	$0	$0	$0
162	231	62	MPI - Dee Ct - Morningside (Loop)	$0	$0	$0	$0	$0	$0
163	232	66	East Army Trail Rd Redevelopment Area	$0	$0	$0	$0	$0	$0
164	233	67	Bloomingdale Rd Lift Station	$0	$0	$0	$0	$0	$0
165	234	75	WRF FPA Improvements - Phase 4	$0	$0	$0	$0	$0	$0
166	235	76	WRF FPA Improvements - Phase 3	$0	$0	$0	$0	$0	$0
167	236	78	2005 Chevy Tahoe, Vehicle #512	$0	$0	$0	$0	$0	$0
168	237	79	WRF 2000 GMC 3/4 Ton Pick-up Vehicle #200	$0	$0	$0	$0	$0	$0
169	37	91	Weather Warning Siren - East Side Pump Station	$0	$0	$0	$0	$0	$0
170	38	92	Weather Warning Siren - Old Town Park	$0	$0	$0	$0	$0	$0
171	39	93	Weather Warning Siren - Stratford Park	$0	$0	$0	$0	$0	$0
172	40	94	Weather Warning Siren - Schick Road	$0	$0	$0	$0	$0	$0
173	41	95	Weather Warning Siren System Controller	$0	$0	$0	$0	$0	$0
174	289	104	PD CIY Copier/Printer	$0	$0	$0	$0	$0	$0
175	297	107	Geo XH GPS Mapping System	$0	$0	$0	$0	$0	$0
176	117	112	19' Mobile Scissor Lift Replacement	$0	$0	$0	$0	$0	$0
177	118	113	VH Security System	$0	$0	$0	$0	$0	$0
178	119	115	Sign Machine 50-inch Roller Applicator	$0	$0	$0	$0	$0	$0
179	120	116	Automotive Diagnostic Scan Tool	$0	$0	$0	$0	$0	$0
180	121	118	Asphalt Paver	$0	$0	$0	$0	$0	$0
181	122	119	Self Propelled Asphalt Compactor	$0	$0	$0	$0	$0	$0
182	123	120	Asphalt Paving Trailer	$0	$0	$0	$0	$0	$0
183	124	122	Walk Behind Concrete Scarifier	$0	$0	$0	$0	$0	$0
184	125	126	Walk Behind Roller	$0	$0	$0	$0	$0	$0
185	290	128	Backup Disaster Recovery Solution Public Works	$0	$0	$0	$0	$0	$0
186	126	135	PW Facility Security Automated Access Gate	$0	$0	$0	$0	$0	$0
187	127	138	Solar Powered LED Speed Advisory System - Springfield Drive	$0	$0	$0	$0	$0	$0
188	128	158	RP-Lake Street Reservoir - Meacham Grove Trail	$0	$0	$0	$0	$0	$0
189	129	159	RP-Army Trail Road - Cardinal to Meadowlark	$0	$0	$0	$0	$0	$0
190	130	160	RP-Clearbrook Drive	$0	$0	$0	$0	$0	$0
191	131	161	RP-Fairfield Way	$0	$0	$0	$0	$0	$0
192	132	164	RP-Carriage Way - Glen Ellyn to Medinah Grove	$0	$0	$0	$0	$0	$0
193	133	165	RP-Schick Road - Bloomingdale to Cardinal	$0	$0	$0	$0	$0	$0
194	134	166	RP-Schick Road - Cardinal to Los Lagos	$0	$0	$0	$0	$0	$0
195	135	167	RP-Schick Road - Los Lagos to Springfield	$0	$0	$0	$0	$0	$0
196	136	169	RP-DuJardin to Park District	$0	$0	$0	$0	$0	$0
197	137	172	RP-Lake Street - William Way to Springfield	$0	$0	$0	$0	$0	$0
198	138	173	RP-Gary Avenue - IC RR To Scott	$0	$0	$0	$0	$0	$0
199	139	174	RP-Schick Road - Los Lagos	$0	$0	$0	$0	$0	$0
200	140	175	RP-Springfield Drive - Mall Entrance to Army Trail Road	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources

#	Page	# of Projects	Project - Title	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
201	141	179	Village-wide Sidewalk Linkages	$0	$0	$0	$0	$0	$0
202	291	196	Network Switches	$0	$0	$0	$0	$0	$0
203	318	202	Ford Tractor	$0	$0	$0	$0	$0	$0
204	319	203	Bernard Dualspin Grinder	$0	$0	$0	$0	$0	$0
205	320	204	Bernard Bedknife Grinder	$0	$0	$0	$0	$0	$0
206	321	207	Fieldworks Topdresser	$0	$0	$0	$0	$0	$0
207	322	209	New Holland Skid Steer Loader	$0	$0	$0	$0	$0	$0
208	323	211	Pond Aerator	$0	$0	$0	$0	$0	$0
209	324	212	Landall All Flex Mower	$0	$0	$0	$0	$0	$0
210	325	218	2007 Ford F-250 Pick-up Truck	$0	$0	$0	$0	$0	$0
211	326	222	Bunker & Pond Improvements	$0	$0	$0	$0	$0	$0
212	142	229	VH Exterior South Retaining Wall	$0	$0	$0	$0	$0	$0
213	143	234	Traffic Signal Poles - Lake Street	$0	$0	$0	$0	$0	$0
214	327	242	New Holland Front End Loaders with Implement	$0	$0	$0	$0	$0	$0
215	328	246	Lake Street Monument Identification Sign	$0	$0	$0	$0	$0	$0
216	329	256	JD Turf Gator Utility Carts - four (4)	$0	$0	$0	$0	$0	$0
217	144	265	Clearbrook Drive - Drainage Ditch Enclosure	$0	$0	$0	$0	$0	$0
218	145	268	Willowbrook Drive Culvert Replacement	$0	$0	$0	$0	$0	$0
219	146	274	Tire Machine	$0	$0	$0	$0	$0	$0
220	147	282	New Salt Storage	$0	$0	$0	$0	$0	$0
221	238	300	2005 Chevrolet Colorado Vehicle #531	$0	$0	$0	$0	$0	$0
222	148	311	1993 Ford New Holland Skidsteer Unit #785	$0	$0	$0	$0	$0	$0
223	149	320	Utility Trailer	$0	$0	$0	$0	$0	$0
224	150	321	Hydraulic Truck Mounted Material Spreader/Conveyor	$0	$0	$0	$0	$0	$0
225	151	322	5,000 gallon Chemical Tank	$0	$0	$0	$0	$0	$0
226	152	323	Paint/Stain Sprayer	$0	$0	$0	$0	$0	$0
227	153	325	Street Light Installation End of Fairfield Court	$0	$0	$0	$0	$0	$0
228	239	329	2009 International 7400 Truck w/ Vactor 2112 #109	$0	$0	$0	$0	$0	$0
229	330	330	Ryan Aerator	$0	$0	$0	$0	$0	$0
230	240	331	2012 Ford 1 Ton Pick-up, Vehicle #612	$0	$0	$0	$0	$0	$0
231	331	335	JD Turf Gator Utility Carts - three (3)	$0	$0	$0	$0	$0	$0
232	332	337	JD Gator Utility Cart	$0	$0	$0	$0	$0	$0
233	154	338	2012 F350 Truck Vehicle Replacement #412	$0	$0	$0	$0	$0	$0
234	155	339	2012 Truck F-350 Vehicle Replacement #312	$0	$0	$0	$0	$0	$0
235	156	340	2014 F250 Truck Vehicle Replacement #114	$0	$0	$0	$0	$0	$0
236	157	341	2012 Manlift Truck Vehicle #112	$0	$0	$0	$0	$0	$0
237	333	342	Cushman Utility Cart	$0	$0	$0	$0	$0	$0
238	334	344	Jacobsen Lawnmower (2)	$0	$0	$0	$0	$0	$0
239	335	345	Greensair Aerifier	$0	$0	$0	$0	$0	$0
240	336	346	Intermediate Mower	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources

#	Page	# of Projects	Project - Title	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
241	337	347	Wireless Microphone and Audio System	$0	$0	$0	$0	$0	$0
242	158	351	Fleet Analysis CFA Software	$0	$0	$0	$0	$0	$0
243	42	352	Comparator 8 Channel Repeater	$0	$0	$0	$0	$0	$0
244	241	354	Handheld Meter Readers (2)	$0	$0	$0	$0	$0	$0
245	43	355	Composite Sketch Software	$0	$0	$0	$0	$0	$0
246	242	360	Vehicle Meter Reader Transceiver Unit	$0	$0	$0	$0	$0	$0
247	243	362	Hydraulics Saw Package - ICS	$0	$0	$0	$0	$0	$0
248	244	363	Ingersol Rand Air Compressor Unit #692	$0	$0	$0	$0	$0	$0
249	245	365	Hydromatic 15 HP Submersible Pump - S10065171	$0	$0	$0	$0	$0	$0
250	44	366	Generator	$0	$0	$0	$0	$0	$0
251	246	367	WRF 6" Dri-Prime Portable Pump & Trailer	$0	$0	$0	$0	$0	$0
252	247	368	WRF Influent Odor Control Activated Carbon Drum Scrubber	$0	$0	$0	$0	$0	$0
253	248	370	WRF Biosolids Polymer/Chemical Mixing and Feed System -1	$0	$0	$0	$0	$0	$0
254	45	371	Logging Recorder	$0	$0	$0	$0	$0	$0
255	292	372	Tandem Copier-W7835PT (2)	$0	$0	$0	$0	$0	$0
256	46	378	Radio Receiver	$0	$0	$0	$0	$0	$0
257	47	379	Satellite Receiver	$0	$0	$0	$0	$0	$0
258	48	380	Cardinal Water Tower Receiver	$0	$0	$0	$0	$0	$0
259	49	381	VHF Radio Base Station	$0	$0	$0	$0	$0	$0
260	293	382	LAN / Chassis Router	$0	$0	$0	$0	$0	$0
261	50	383	Booking Room Security System	$0	$0	$0	$0	$0	$0
262	294	387	Docrecord Automation Server	$0	$0	$0	$0	$0	$0
263	295	388	C360 Copier/Printer	$0	$0	$0	$0	$0	$0
264	51	389	Security System-Multi Channel Video	$0	$0	$0	$0	$0	$0
265	159	390	Mini Message Board #1	$0	$0	$0	$0	$0	$0
266	160	391	Modular Workstation (2)	$0	$0	$0	$0	$0	$0
267	161	392	Brake Lathe	$0	$0	$0	$0	$0	$0
268	162	393	Cold Planner	$0	$0	$0	$0	$0	$0
269	163	394	Spray Cabinet	$0	$0	$0	$0	$0	$0
270	164	396	Treekeeper Software	$0	$0	$0	$0	$0	$0
271	165	398	Compressor	$0	$0	$0	$0	$0	$0
272	249	402	Eastside Ground Storage Tank Maintenance	$0	$0	$0	$0	$0	$0
273	250	421	2016 Ford F59 Step Van #316	$0	$0	$0	$0	$0	$0
274	251	431	Mac-Lander Trailer #UT104	$0	$0	$0	$0	$0	$0
275	338	436	Practice Range Equipment	$0	$0	$0	$0	$0	$0
276	252	441	MQ Generator DB138IJ Unit #501	$0	$0	$0	$0	$0	$0
277	253	442	MQ Generator 31089-USTB Unit #704	$0	$0	$0	$0	$0	$0
278	254	443	Doosan Generator G125WCU-3Q-T4i Unit #414	$0	$0	$0	$0	$0	$0
279	255	444	Gorman-Rupp 6" Pump Unit #688	$0	$0	$0	$0	$0	$0
280	166	449	Public Work Facility Gate Replacement	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources

#	Page	Project - Title	# of Projects	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
281	167	458 Transmission Fluid Exchange Machine		$0	$0	$0	$0	$0	$0
282	256	462 Small Meter Bench Test Equipment		$0	$0	$0	$0	$0	$0
283	257	464 Emergency Generator at Station #8		$0	$0	$0	$0	$0	$0
284	258	465 Domestic Diesel Engine		$0	$0	$0	$0	$0	$0
285	259	475 2016 CAT430F2 IT Combination Backhoe Loader		$0	$0	$0	$0	$0	$0
286	260	476 2016 Doosan Generator G125WCU-3Q-T4i Unit #516		$0	$0	$0	$0	$0	$0
287	261	478 2017 Peterbilt 2 1/2 Ton Dump Truck #317		$0	$0	$0	$0	$0	$0
288	168	494 Levitt Pond Aerator (Leslie Park)		$0	$0	$0	$0	$0	$0
289	262	495 2017 E.H. Wachs Valve Maintenance Trailer Unit #VMT2		$0	$0	$0	$0	$0	$0
290	169	497 2017 Ford 250 Pickup Truck		$0	$0	$0	$0	$0	$0
291	296	502 Replacement Broadband Wireless Equip PW-WRF		$0	$0	$0	$0	$0	$0
292	263	511 2017 Ford F-350 One-Ton Pickup - Truck #817		$0	$0	$0	$0	$0	$0
293	264	512 2017 Ford F-350 One-Ton Pickup - Truck #917		$0	$0	$0	$0	$0	$0
294	265	520 WRF Biosolids Polymer/Chemical Mixing and Feed System -2		$0	$0	$0	$0	$0	$0
295	266	521 WRF - Excess Flow Polymer/Chemical Mixing and Feed System		$0	$0	$0	$0	$0	$0
296	267	522 Chemical Feed System		$0	$0	$0	$0	$0	$0
	Total Projects		**296**	**$8,199,215**	**$19,965,940**	**$9,917,120**	**$8,862,760**	**$6,941,100**	**$53,886,135**

Sources - Funding Source							
01-General Fund		$711,905	$348,000	$77,000	$15,000	$36,000	$1,187,905
06-Motor Fuel Tax Fund		$1,301,230	$1,481,000	$1,860,000	$1,926,000	$1,824,000	$8,392,230
07-Home Rule Sales Tax Fund		$1,654,000	$1,300,000	$0	$0	$0	$2,954,000
10-Capital Equipment Replacement Fund		$612,575	$790,860	$728,570	$322,980	$306,480	$2,761,465
31-East Lake Street TIF Redev Projects Fund		$2,290,800	$0	$0	$0	$0	$2,290,800
32-Capital Improvements Fund		$0	$9,085,000	$4,725,000	$0	$0	$13,810,000
34-Westgate TIF Redev Project Fund		$208,670	$0	$0	$0	$0	$208,670
35-Springbrook TIF Redev Project Fund		$270,250	$0	$0	$0	$0	$270,250
40-Water & Sewer Fund		$1,018,185	$6,894,080	$2,401,550	$6,551,120	$4,468,565	$21,333,500
45-Golf Course Fund		$131,600	$67,000	$125,000	$47,660	$306,055	$677,315
Total Sources - Funding Source	**10**	**$8,199,215**	**$19,965,940**	**$9,917,120**	**$8,862,760**	**$6,941,100**	**$53,886,135**

POLICE

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Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department #	Page	Fund Type	Project - Title	# of Projects	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
Department			**Police**							
1	26	Governmental	131 Marked Patrol Vehicles		$127,900	$42,630	$42,630	$85,260	$85,260	$383,680
2	27	Governmental	98 Security System - Cameras & Sensors		$78,000	$0	$0	$0	$0	$78,000
3	28	Governmental	132 Unmarked CIY Vehicles		$38,720	$116,160	$77,440	$38,720	$38,720	$309,760
4	29	Governmental	446 Locker Replacements and Booking Room Renovation		$0	$95,000	$0	$0	$0	$95,000
5	30	Governmental	100 Thermal Imager		$0	$15,000	$0	$0	$0	$15,000
6	31	Governmental	350 Single Band Portable Radio		$0	$6,000	$0	$0	$25,000	$31,000
7	32	Governmental	99 Bird Dog Tracking System		$0	$5,000	$0	$0	$0	$5,000
8	33	Governmental	96 License Plate Recognition System		$0	$0	$20,000	$0	$0	$20,000
9	34	Governmental	353 Squad Car Video Camera System		$0	$0	$0	$20,000	$0	$20,000
10	35	Governmental	101 Breath Machine		$0	$0	$0	$10,000	$0	$10,000
11	36	Governmental	289 Speed Trailer		$0	$0	$0	$10,000	$0	$10,000
12	37	Governmental	91 Weather Warning Siren - East Side Pump Station		$0	$0	$0	$0	$0	$0
13	38	Governmental	92 Weather Warning Siren - Old Town Park		$0	$0	$0	$0	$0	$0
14	39	Governmental	93 Weather Warning Siren - Stratford Park		$0	$0	$0	$0	$0	$0
15	40	Governmental	94 Weather Warning Siren - Schick Road		$0	$0	$0	$0	$0	$0
16	41	Governmental	95 Weather Warning Siren System Controller		$0	$0	$0	$0	$0	$0
17	42	Governmental	352 Comparator 8 Channel Repeater		$0	$0	$0	$0	$0	$0
18	43	Governmental	355 Composite Sketch Software		$0	$0	$0	$0	$0	$0
19	44	Governmental	366 Generator		$0	$0	$0	$0	$0	$0
20	45	Governmental	371 Logging Recorder		$0	$0	$0	$0	$0	$0
21	46	Governmental	378 Radio Receiver		$0	$0	$0	$0	$0	$0
22	47	Governmental	379 Satellite Receiver		$0	$0	$0	$0	$0	$0
23	48	Governmental	380 Cardinal Water Tower Receiver		$0	$0	$0	$0	$0	$0
24	49	Governmental	381 VHF Radio Base Station		$0	$0	$0	$0	$0	$0
25	50	Governmental	383 Booking Room Security System		$0	$0	$0	$0	$0	$0
26	51	Governmental	389 Security System-Multi Channel Video		$0	$0	$0	$0	$0	$0
			Total Projects - Police	**26**	**$244,620**	**$279,790**	**$140,070**	**$163,980**	**$148,980**	**$977,440**
Sources - Funding Source										
			01-General Fund		$0	$95,000	$0	$0	$0	$95,000
			10-Capital Equipment Replacement Fund		$244,620	$184,790	$140,070	$163,980	$148,980	$882,440
			Total Sources - Funding Source	**2**	**$244,620**	**$279,790**	**$140,070**	**$163,980**	**$148,980**	**$977,440**

Village of Bloomingdale
CIP Project Description

Project #: 131

Title: Marked Patrol Vehicles

Estimated Total Cost: $383,680

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0300

Category: Vehicle - Replacement

Organization Name: Police - Patrol

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Police Department anticipates one (1) to eight (8) marked vehicles will be replaced each year, as such vehicles reach the end of their useful life. In FY19, Three (3) patrol vehicles are anticipated to be replaced.

ANALYSIS: Staff will research several manufacturers to identify suitable replacements. An extended warranty for the drive train and electrical system is also expected to be purchased. "Aftermarket" equipment for the vehicles will also be purchased and will be sourced separately.

SOLUTION: The Police Department will procure the vehicles, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code. It is anticipated that new vehicles will eliminate costly future maintenance expenses due to the number of miles driven and age of the existing vehicles. Fuel savings may also be realized as new vehicles typically are more fuel efficient than the vehicles replaced. The vehicles being replaced are typically transferred to other departments such as Engineering, Building and Zoning, Streets, Water Distribution and Water Reclamation.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0300	$0	$127,900	$42,630	$42,630	$85,260	$85,260	**$383,680**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$127,900**	**$42,630**	**$42,630**	**$85,260**	**$85,260**	**$383,680**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$127,900	$42,630	$42,630	$85,260	$85,260	**$383,680**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$127,900**	**$42,630**	**$42,630**	**$85,260**	**$85,260**	**$383,680**

Village of Bloomingdale
CIP Project Description

Project #: 98

Title: Security System - Cameras & Sensors

Estimated Total Cost: $78,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-002-0001

Category: Equipment - Replacement

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Updating the Security System due to daily usage.

ANALYSIS: The sensors will become outdated and the iris on the camera systems will fail due to the approaching useful life of the equipment.

SOLUTION: Replace Security System. Additional operating costs or cost savings are not anticipated.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-002-0001	$0	$78,000	$0	$0	$0	$0	**$78,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$78,000**	**$0**	**$0**	**$0**	**$0**	**$78,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$18,000	$0	$0	$0	$0	**$18,000**
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$60,000	$0	$0	$0	$0	**$60,000**
								$0
								$0
								$0
TOTAL		**$0**	**$78,000**	**$0**	**$0**	**$0**	**$0**	**$78,000**

Village of Bloomingdale
CIP Project Description

Project #: 132

Title: Unmarked CIY Vehicles

Estimated Total Cost: $309,760

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0301

Category: Vehicle - Replacement

Organization Name: Police - CIY

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Police Department anticipates one(1) to three(3) unmarked vehicles will be replaced each year as such vehicles reach the end of their useful life. In FY19, one (1) unmarked vehicle is anticipated to be replaced.

ANALYSIS: Staff will research several manufacturers' to identify suitable replacements. An extended warranty for the drive train and electrical system is also expected to be purchased. "Aftermarket" equipment for the vehicles will also be purchased and will be sourced separately.

SOLUTION: The Police Department will procure the vehicle(s), extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code. It is anticipated that the new vehicle(s) will eliminate costly future maintenance expenses due to the number of miles driven and age of the existing vehicle(s). Fuel savings may also be realized as new vehicles typically are more fuel efficient than the vehicle(s) being replaced. The vehicles being replaced are typically transferred to other departments such as Engineering, Building and Zoning, Streets, Water Distribution and Water Reclamation.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0301	$0	$38,720	$116,160	$77,440	$38,720	$38,720	**$309,760**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$38,720**	**$116,160**	**$77,440**	**$38,720**	**$38,720**	**$309,760**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$38,720	$116,160	$77,440	$38,720	$38,720	**$309,760**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$38,720**	**$116,160**	**$77,440**	**$38,720**	**$38,720**	**$309,760**

Village of Bloomingdale
CIP Project Description

Project #: 446

Title: Locker Replacements and Booking Room Renovation

Estimated Total Cost: $95,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-04-043-0058

Category: Equipment - Replacement

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The lockers in the Men's Locker room are showing wear and tear and are too small for the officers. The Booking Room is also in need of renovation.

ANALYSIS: Presently each officer needs two lockers to secure their duty equipment including firearms. Renovations to the Booking Room are need to meet current demands.

SOLUTION: Purchases will be made in accordance with Village Procurment Guidelines.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$95,000	$0	$0	$0	**$95,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$95,000**	**$0**	**$0**	**$0**	**$95,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$95,000	$0	$0	$0	**$95,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$95,000**	**$0**	**$0**	**$0**	**$95,000**

Village of Bloomingdale
CIP Project Description

Project #: 100

Title: Thermal Imager

Estimated Total Cost: $15,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0300

Category: Equipment - Replacement

Organization Name: Police - Patrol

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Thermal Imager has reached the end of a service life.

ANALYSIS: Used to locate missing persons and in criminal investigations and needs to be maintained.

SOLUTION: Replace Thermal Imager in accordance with Village's Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0300	$0	$0	$15,000	$0	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$15,000**	**$0**	**$0**	**$0**	**$15,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$15,000	$0	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$15,000**	**$0**	**$0**	**$0**	**$15,000**

Village of Bloomingdale
CIP Project Description

Project #: 350

Title: Single Band Portable Radio

Estimated Total Cost: $31,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0300

Category: Equipment - Replacement

Organization Name: Police - Patrol

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Village's 49 single band portable radios obtained in FY13 are anticipated to reach the end of their useful life at 10 years.

ANALYSIS: The radios are used in Police Department operations.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code. No impact to operating costs are expected.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0300	$0	$0	$6,000	$0	$0	$25,000	**$31,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$6,000**	**$0**	**$0**	**$25,000**	**$31,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$6,000	$0	$0	$25,000	**$31,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$6,000**	**$0**	**$0**	**$25,000**	**$31,000**

Village of Bloomingdale
CIP Project Description

Project #: 99

Title: Bird Dog Tracking System

Estimated Total Cost: $5,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0300

Category: Equipment - Replacement

Organization Name: Police - Patrol

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Bird Dog Tracking will be reaching the end of a service life.

ANALYSIS: Used to track suspect vehicles and will be prone to failure due to the age of the system and will approach the end of a service life in FY19.

SOLUTION: Replace Bird Dog Tracking System.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0300	$0	$0	$5,000	$0	$0	$0	**$5,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$5,000**	**$0**	**$0**	**$0**	**$5,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$5,000	$0	$0	$0	**$5,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$5,000**	**$0**	**$0**	**$0**	**$5,000**

Village of Bloomingdale
CIP Project Description

Project #: 96

Title: License Plate Recognition System

Estimated Total Cost: $20,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0300

Category: Equipment - Replacement

Organization Name: Police - Patrol

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The License Plate Recognition System will have reached the end of the service life.

ANALYSIS: System is used in a patrol vehicle and the data can be used in the Police Investigations Unit.

SOLUTION: Replace License Plate Recognition System in accordance with the Village's Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0300	$0	$0	$0	$20,000	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$20,000**	**$0**	**$0**	**$20,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$20,000	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$20,000**	**$0**	**$0**	**$20,000**

Village of Bloomingdale
CIP Project Description

Project #: 353

Title: Squad Car Video Camera System

Estimated Total Cost: $20,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0300

Category: Equipment - Replacement

Organization Name: Police - Patrol

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Updating the In-Squad Car Video System due to daily usage.

ANALYSIS: In FY16 two complete in-car video systems were installed into the two patrol supervisor cars. The equipment is expected to be approaching the end of its useful life.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code. No impact to operating costs is expected.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0300	$0	$0	$0	$0	$20,000	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$20,000**	**$0**	**$20,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$20,000	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$20,000**	**$0**	**$20,000**

Village of Bloomingdale
CIP Project Description

Project #: 101

Title: Breath Machine

Estimated Total Cost: $10,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0300

Category: Equipment - Replacement

Organization Name: Police - Patrol

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Breath Machine will be reaching the end of a service life.

ANALYSIS: Repair parts and components are becoming difficult to find and the machine will approach the end of a service life in FY22.

SOLUTION: Replace Breath Machine in accordance with Village's Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0300	$0	$0	$0	$0	$10,000	$0	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$10,000**	**$0**	**$10,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$10,000	$0	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$10,000**	**$0**	**$10,000**

Village of Bloomingdale
CIP Project Description

Project #: 289

Title: Speed Trailer

Estimated Total Cost: $10,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0300

Category: Equipment - Replacement

Organization Name: Police - Patrol

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The speed trailer (speed control monitor) is out throughout the year and is exposed to the elements and will need to be replaced due to wear and tear.

ANALYSIS: The speed trailer is a tool that the Police Department uses to monitor speeds in targeted traffic enforcement areas throughout town. It provides the motoring public with a snapshot of their speed at a given moment.

SOLUTION: Replace the speed trailer when the wear and tear makes the unit unserviceable.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0300	$0	$0	$0	$0	$10,000	$0	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$10,000**	**$0**	**$10,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$10,000	$0	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$10,000**	**$0**	**$10,000**

Village of Bloomingdale
CIP Project Description

Project #: 91

Title: Weather Warning Siren - East Side Pump Station

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-002-0001

Category: Equipment - Replacement

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Warning Siren will be reaching the end of a service life.

ANALYSIS: This is a critical warning component that must be maintained.

SOLUTION: Replace Weather Warning Siren(based upon the service life the sirens will need to be replace in the FY25 budget, estimated cost is $25,000 per unit).

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-002-0001	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 92

Title: Weather Warning Siren - Old Town Park

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-002-0001

Category: Equipment - Replacement

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Warning Siren will be reaching the end of a service life.

ANALYSIS: This is a critical warning component that must be maintained.

SOLUTION: Replace Weather Warning Siren (based upon the service life the sirens will need to be replace in the FY25 budget, estimated cost is $25,000 per unit). This siren was removed in 2016 during the Old Town renovation due to a siren positioned in Roselle, just north of this location and was therefore unnecessary.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-002-0001	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 93

Title: Weather Warning Siren - Stratford Park

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-002-0001

Category: Equipment - Replacement

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Warning Siren will be reaching the end of a service life.

ANALYSIS: This is a critical warning component that must be maintained.

SOLUTION: Replace Weather Warning Siren (based upon the service life the sirens will need to be replace in the FY25, budget estimated cost is $25,000 per unit).

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-002-0001	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 94

Title: Weather Warning Siren - Schick Road

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-002-0001

Category: Equipment - Replacement

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Warning Siren will be reaching the end of a service life.

ANALYSIS: This is a critical warning component that must be maintained.

SOLUTION: Replace Weather Warning Siren (based upon the service life the sirens will need to be replace in the FY25 budget, estimated cost is $25,000 per unit).

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-002-0001	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 95

Title: Weather Warning Siren System Controller

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-002-0001

Category: Equipment - Replacement

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Warning Siren will be reaching the end of a service life.

ANALYSIS: This is a critical warning component that must be maintained.

SOLUTION: Replace Weather Warning Siren Controller (based upon the service life the sirens will need to be replace in the FY25 budget, estimated cost is $25,000).

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-002-0001	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 352

Title: Comparator 8 Channel Repeater

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0300

Category: Equipment - Replacement

Organization Name: Police - Patrol

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Village's 8 Channel comparator is anticipated to reach the end of its useful life.

ANALYSIS: The comparator is used to assure high quality and consistent audio levels from a receiver.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code. No impact to operating costs is expected.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0300	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 355

Title: Composite Sketch Software

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0301

Category: Equipment - Replacement

Organization Name: Police - CIY

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The composite sketch software is expected to reach the end of its useful life.

ANALYSIS: The equipment will fail due to approaching the end of its useful life.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code. No impact to operating costs is expected.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0301	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 366

Title: Generator

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-002-0001

Category: Equipment - Replacement

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The generator purchased in 1990 is anticipated to have reached the end of its useful life.

ANALYSIS: The generator is used by police as back power during emergencies.

SOLUTION: Village staff will procure the necessary equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-002-0001	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 371

Title: Logging Recorder

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0301

Category: Equipment - Replacement

Organization Name: Police - CIY

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The logging recorder purchased in 1994 is anticipated to have reached the end of its useful life.

ANALYSIS: The logging recorder is used by the Police Department as part of operations.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0301	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 378

Title: Radio Receiver

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0300

Category: Equipment - Replacement

Organization Name: Police - Patrol

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The radio receiver purchased in 2003 is anticipated to reach the end of its useful life.

ANALYSIS: The receiver is used in operations of the Police Department.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0300	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 379

Title: Satellite Receiver

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-002-0001

Category: Equipment - Replacement

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Astro Quantar model satellite receiver purchased in 2004 is anticipated to have reached the end of its useful life.

ANALYSIS: The receiver is used as part of the operational needs of the department.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-002-0001	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 380

Title: Cardinal Water Tower Receiver

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-002-0001

Category: Equipment - Replacement

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Astro Quantar model satellite receiver purchased in FY05 is anticipated to have reached the end of its useful life.

ANALYSIS: The receiver is used as part of the operational needs of the department.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-002-0001	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 381

Title: VHF Radio Base Station

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-002-0001

Category: Equipment - Replacement

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The MTR2000 model base station purchased in FY06 is anticipated to have reached the end of its useful life.

ANALYSIS: The equipment is used as part of the operational needs of the department.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-002-0001	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 383

Title: Booking Room Security System

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-003-0301

Category: Equipment - Replacement

Organization Name: Police - CIY

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The booking room security system purchased in 1994 is anticipated to have reached the end of its useful life.

ANALYSIS: The system is used to track and record all activity in the booking room area.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-003-0301	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 389

Title: Security System-Multi Channel Video

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Police

Organization: 01-03-002-0001

Category: Equipment - Replacement

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The multi channel security system purchased in FY14 is anticipated to have reached the end of its useful life.

ANALYSIS: The security system is used as part of the operational needs of the department.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-03-002-0001	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

VILLAGE OF BLOOMINGDALE

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PUBLIC WORKS

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Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department #	Page	Fund Type	Public Works Project - Title	# of Projects	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
1	61	Governmental	484 Lake Street Streetscape and Lighting Enhancements		$4,198,670	$1,300,000	$0	$0	$0	$5,498,670
2	62	Governmental	144 Village-wide Street Improvement Program		$1,301,230	$1,481,000	$1,860,000	$1,926,000	$1,824,000	$8,392,230
3	63	Governmental	527 Village Hall and Police Department Roof Replacement		$120,000	$0	$0	$0	$0	$120,000
4	64	Governmental	39 OH-Lawrence Avenue - Garden to Springfield		$100,000	$0	$0	$0	$0	$100,000
5	65	Governmental	303 2002 Ford Dump Truck #302		$95,000	$0	$0	$0	$0	$95,000
6	66	Governmental	519 Police Department Cold Water Chiller		$95,000	$0	$0	$0	$0	$95,000
7	67	Governmental	152 2005 Dump Truck #705		$90,360	$0	$0	$0	$0	$90,360
8	68	Governmental	262 Covington Corporate Center Sidewalk Project		$80,000	$0	$0	$0	$0	$80,000
9	69	Governmental	405 Pavement Saw - Walk Behind		$35,000	$0	$0	$0	$0	$35,000
10	70	Governmental	162 RP-East Branch Trail - Carriage Way to Sunny Side Park		$29,500	$0	$0	$0	$0	$29,500
11	71	Governmental	171 RP-Springfield Drive - Lawrence to Lake Street		$15,550	$0	$0	$0	$0	$15,550
12	72	Governmental	496 Parts Washer Cabinet		$10,000	$0	$0	$0	$0	$10,000
13	73	Governmental	528 Police Facility Identification Sign		$10,000	$0	$0	$0	$0	$10,000
14	74	Governmental	526 Street Light Installation		$8,000	$0	$0	$0	$0	$8,000
15	75	Governmental	418 Village Hall & Annex Renovation		$0	$5,000,000	$0	$0	$0	$5,000,000
16	76	Governmental	271 Indian Lakes Open Space Area Development Program		$0	$4,085,000	$0	$0	$0	$4,085,000
17	77	Governmental	343 2005 6-Wheel Dump Truck Vehicle #105		$0	$172,540	$0	$0	$0	$172,540
18	78	Governmental	304 2006 International 2 1/2 Ton Dump Vehicle #605		$0	$154,115	$0	$0	$0	$154,115
19	79	Governmental	450 Police Department Elevator Renovations		$0	$70,000	$0	$0	$0	$70,000
20	80	Governmental	24 PW Facility Security System		$0	$60,000	$0	$0	$0	$60,000
21	81	Governmental	312 2001 Ford New Holland Skidsteer Unit #180		$0	$57,855	$0	$0	$0	$57,855
22	82	Governmental	226 Sealcoat VH, PW & GC Driveways and Parking Lots		$0	$53,000	$0	$0	$0	$53,000
23	83	Governmental	516 Asphalt Hot Box		$0	$50,000	$0	$0	$0	$50,000
24	84	Governmental	156 2008 Ford Expedition #308		$0	$44,505	$0	$0	$0	$44,505
25	85	Governmental	298 2003 Ford 1-Ton Pick-up Vehicle #503		$0	$41,055	$0	$0	$0	$41,055
26	86	Governmental	114 Sign Shop Equipment Vinyl Cutter & Software		$0	$14,000	$0	$0	$0	$14,000
27	87	Governmental	121 Hydraulic Concrete Breaker - Skid Steer Attachment		$0	$10,000	$0	$0	$0	$10,000
28	88	Governmental	125 Pressure Washer		$0	$7,000	$0	$0	$0	$7,000
29	89	Governmental	473 Public Works Facility Expansion		$0	$0	$4,725,000	$0	$0	$4,725,000
30	90	Governmental	315 2005 John Deere 544 Endloader #JD544		$0	$0	$180,000	$0	$0	$180,000
31	91	Governmental	155 2007 International Dump Truck #106		$0	$0	$154,115	$0	$0	$154,115
32	92	Governmental	328 2007 International 7400 Dump Vehicle #206		$0	$0	$154,115	$0	$0	$154,115
33	93	Governmental	313 1998 Vermeer Branch Chipper		$0	$0	$54,000	$0	$0	$54,000
34	94	Governmental	16 NPDES Phase 2 - Chloride Reduction Road Deicing		$0	$0	$40,000	$0	$0	$40,000
35	95	Governmental	17 NPDES Phase 2 - Salt Storage Door		$0	$0	$7,000	$0	$0	$7,000
36	96	Governmental	397 Lawn Mower #1224-000		$0	$0	$0	$7,000	$0	$7,000

Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department #	Page	Fund Type	# of Projects	Public Works (Con't) Project - Title	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
37	97	Governmental	26	GPS Units for PW Vehicles	$0	$0	$0	$0	$21,000	$21,000
38	98	Governmental	123	15,000 lb Capacity Automotive Lift	$0	$0	$0	$0	$16,000	$16,000
39	99	Governmental	111	10,000 lb Capacity Automotive Lift	$0	$0	$0	$0	$10,000	$10,000
40	100	Governmental	124	Standing Lawn Mower	$0	$0	$0	$0	$6,500	$6,500
41	101	Governmental	13	Springbrook Erosion Control	$0	$0	$0	$0	$0	$0
42	102	Governmental	15	Lake Illini Retention Pond Sediment Removal	$0	$0	$0	$0	$0	$0
43	103	Governmental	27	OH-Glen Ellyn Road - Ironwood to Carriage Way	$0	$0	$0	$0	$0	$0
44	104	Governmental	28	OH-Glen Ellyn Road - Carriage Way to Harvard	$0	$0	$0	$0	$0	$0
45	105	Governmental	29	OH-Bloomingdale Road - Greenway to Fairfield Way	$0	$0	$0	$0	$0	$0
46	106	Governmental	30	OH-Bloomingdale Road - Fessler to Picton	$0	$0	$0	$0	$0	$0
47	107	Governmental	32	OH-Gary Avenue - Lawrence to Foster	$0	$0	$0	$0	$0	$0
48	108	Governmental	33	OH-Gary Avenue - 700' South of Foster to Foster	$0	$0	$0	$0	$0	$0
49	109	Governmental	34	OH-Gary Avenue - Lawrence to Meijer N Property Line	$0	$0	$0	$0	$0	$0
50	110	Governmental	35	OH-Medinah Road - Byron to Lake	$0	$0	$0	$0	$0	$0
51	111	Governmental	36	OH-Medinah Road - Lake to Spring Valley	$0	$0	$0	$0	$0	$0
52	112	Governmental	37	OH-Lawrence Avenue - Gary to Thorn	$0	$0	$0	$0	$0	$0
53	113	Governmental	38	OH-Lawrence Avenue - Wheaton to Springfield	$0	$0	$0	$0	$0	$0
54	114	Governmental	40	OH-Broker Road - Circle to St Francis	$0	$0	$0	$0	$0	$0
55	115	Governmental	41	OH-Thorn Road - Corporate Limits to Lawrence	$0	$0	$0	$0	$0	$0
56	116	Governmental	43	OH-Old Gary Road - CNRR to N of Army Trail Road	$0	$0	$0	$0	$0	$0
57	117	Governmental	112	19' Mobile Scissor Lift Replacement	$0	$0	$0	$0	$0	$0
58	118	Governmental	113	VH Security System	$0	$0	$0	$0	$0	$0
59	119	Governmental	115	Sign Machine 50-inch Roller Applicator	$0	$0	$0	$0	$0	$0
60	120	Governmental	116	Automotive Diagnostic Scan Tool	$0	$0	$0	$0	$0	$0
61	121	Governmental	118	Asphalt Paver	$0	$0	$0	$0	$0	$0
62	122	Governmental	119	Self Propelled Asphalt Compactor	$0	$0	$0	$0	$0	$0
63	123	Governmental	120	Asphalt Paving Trailer	$0	$0	$0	$0	$0	$0
64	124	Governmental	122	Walk Behind Concrete Scarifier	$0	$0	$0	$0	$0	$0
65	125	Governmental	126	Walk Behind Roller	$0	$0	$0	$0	$0	$0
66	126	Governmental	135	PW Facility Security Automated Access Gate	$0	$0	$0	$0	$0	$0
67	127	Governmental	138	Solar Powered LED Speed Advisory System - Springfield Drive	$0	$0	$0	$0	$0	$0
68	128	Governmental	158	RP-Lake Street Reservoir - Meacham Grove Trail	$0	$0	$0	$0	$0	$0
69	129	Governmental	159	RP-Army Trail Road - Cardinal to Meadowlark	$0	$0	$0	$0	$0	$0
70	130	Governmental	160	RP-Clearbrook Drive	$0	$0	$0	$0	$0	$0
71	131	Governmental	161	RP-Fairfield Way	$0	$0	$0	$0	$0	$0
72	132	Governmental	164	RP-Carriage Way - Glen Ellyn to Medinah Grove	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department #	Page	Fund Type	Project - Title		# of Projects	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
			Public Works (Con't)								
73	133	Governmental	165	RP-Schick Road - Bloomingdale to Cardinal		$0	$0	$0	$0	$0	$0
74	134	Governmental	166	RP-Schick Road - Cardinal to Los Lagos		$0	$0	$0	$0	$0	$0
75	135	Governmental	167	RP-Schick Road - Los Lagos to Springfield		$0	$0	$0	$0	$0	$0
76	136	Governmental	169	RP-DuJardin to Park District		$0	$0	$0	$0	$0	$0
77	137	Governmental	172	RP-Lake Street - William Way to Springfield		$0	$0	$0	$0	$0	$0
78	138	Governmental	173	RP-Gary Avenue - IC RR To Scott		$0	$0	$0	$0	$0	$0
79	139	Governmental	174	RP-Schick Road - Los Lagos		$0	$0	$0	$0	$0	$0
80	140	Governmental	175	RP-Springfield Drive - Mall Entrance to Army Trail Road		$0	$0	$0	$0	$0	$0
81	141	Governmental	179	Village-wide Sidewalk Linkages		$0	$0	$0	$0	$0	$0
82	142	Governmental	229	VH Exterior South Retaining Wall		$0	$0	$0	$0	$0	$0
83	143	Governmental	234	Traffic Signal Poles - Lake Street		$0	$0	$0	$0	$0	$0
84	144	Governmental	265	Clearbrook Drive - Drainage Ditch Enclosure		$0	$0	$0	$0	$0	$0
85	145	Governmental	268	Willowbrook Drive Culvert Replacement		$0	$0	$0	$0	$0	$0
86	146	Governmental	274	Tire Machine		$0	$0	$0	$0	$0	$0
87	147	Governmental	282	New Salt Storage		$0	$0	$0	$0	$0	$0
88	148	Governmental	311	1993 Ford New Holland Skidsteer Unit #785		$0	$0	$0	$0	$0	$0
89	149	Governmental	320	Utility Trailer		$0	$0	$0	$0	$0	$0
90	150	Governmental	321	Hydraulic Truck Mounted Material Spreader/Conveyor		$0	$0	$0	$0	$0	$0
91	151	Governmental	322	5,000 gallon Chemical Tank		$0	$0	$0	$0	$0	$0
92	152	Governmental	323	Paint/Stain Sprayer		$0	$0	$0	$0	$0	$0
93	153	Governmental	325	Street Light Installation End of Fairfield Court		$0	$0	$0	$0	$0	$0
94	154	Governmental	338	2012 F350 Truck Vehicle Replacement #412		$0	$0	$0	$0	$0	$0
95	155	Governmental	339	2012 Truck F-350 Vehicle Replacement #312		$0	$0	$0	$0	$0	$0
96	156	Governmental	340	2014 F250 Truck Vehicle Replacement #114		$0	$0	$0	$0	$0	$0
97	157	Governmental	341	2012 Manlift Truck Vehicle #112		$0	$0	$0	$0	$0	$0
98	158	Governmental	351	Fleet Analysis CFA Software		$0	$0	$0	$0	$0	$0
99	159	Governmental	390	Mini Message Board #1		$0	$0	$0	$0	$0	$0
100	160	Governmental	391	Modular Workstation (2)		$0	$0	$0	$0	$0	$0
101	161	Governmental	392	Brake Lathe		$0	$0	$0	$0	$0	$0
102	162	Governmental	393	Cold Planner		$0	$0	$0	$0	$0	$0
103	163	Governmental	394	Spray Cabinet		$0	$0	$0	$0	$0	$0
104	164	Governmental	396	Treekeeper Software		$0	$0	$0	$0	$0	$0
105	165	Governmental	398	Compressor		$0	$0	$0	$0	$0	$0
106	166	Governmental	449	Public Work Facility Gate Replacement		$0	$0	$0	$0	$0	$0
107	167	Governmental	458	Transmission Fluid Exchange Machine		$0	$0	$0	$0	$0	$0
108	168	Governmental	494	Levitt Pond Aerator (Leslie Park)		$0	$0	$0	$0	$0	$0
109	169	Governmental	497	2017 Ford 250 Pickup Truck		$0	$0	$0	$0	$0	$0
		Total Projects - Governmental			**109**	**$6,188,310**	**$12,600,070**	**$7,174,230**	**$1,933,000**	**$1,877,500**	**$29,773,110**

Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department #	Page	Fund Type	# of Projects	Public Works (Con't) Project - Title	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
110	170	Water & Sewer	474	WRF Grit-Screening Removal Facility	$305,000	$5,195,000	$0	$0	$0	$5,500,000
111	171	Water & Sewer	186	Additional Alternative Back-up Electrical Power Sources	$200,000	$0	$0	$0	$0	$200,000
112	172	Water & Sewer	193	SCADA for Filter Process	$130,000	$0	$0	$0	$0	$130,000
113	173	Water & Sewer	525	Bloomingdale Rd Lift Station-Control Cabinet	$75,000	$0	$0	$0	$0	$75,000
114	174	Water & Sewer	293	Grit Removal	$70,000	$70,000	$70,000	$0	$0	$210,000
115	175	Water & Sewer	238	Fire Hydrant Replacement Program	$45,000	$45,000	$45,000	$100,000	$100,000	$335,000
116	176	Water & Sewer	237	Main Line Water Valve Replacement Program	$40,000	$45,000	$45,000	$45,000	$45,000	$220,000
117	177	Water & Sewer	285	Sanitary Sewer Wye & Manhole Sealing	$40,000	$40,000	$40,000	$40,000	$40,000	$200,000
118	178	Water & Sewer	291	Gary Ave Station #8 replace 200HP with 60HP pump	$38,000	$0	$0	$0	$0	$38,000
119	179	Water & Sewer	348	Water Quality Improvement Assessment (DRSCW)	$36,185	$58,830	$60,595	$62,420	$64,285	$282,315
120	180	Water & Sewer	349	Sanitary Wye Replacement & Point Repair Program	$30,000	$30,000	$30,000	$30,000	$30,000	$150,000
121	181	Water & Sewer	513	1995 Sauber Shoring Trailer - Unit 1ST	$9,000	$0	$0	$0	$0	$9,000
122	182	Water & Sewer	63	Water Main Major Maintenance Improvements	$0	$451,300	$451,300	$451,300	$451,300	$1,805,200
123	183	Water & Sewer	72	Sanitary Sewer Main Major Maintenance Improvements	$0	$373,800	$373,800	$373,800	$373,800	$1,495,200
124	184	Water & Sewer	524	Facility Plan Amendment (FPA) Update	$0	$102,000	$0	$0	$0	$102,000
125	185	Water & Sewer	517	Water System Hydrualic Model Update	$0	$70,000	$0	$0	$0	$70,000
126	186	Water & Sewer	77	New & Replacement Equipment	$0	$50,000	$50,000	$50,000	$50,000	$200,000
127	187	Water & Sewer	518	Water System Condition and Reliability Study	$0	$50,000	$0	$0	$0	$50,000
128	188	Water & Sewer	296	Ford F250 pick up Vehicle # 208	$0	$48,550	$0	$0	$0	$48,550
129	189	Water & Sewer	53	MPI - Lake and Fairfield	$0	$40,000	$0	$0	$0	$40,000
130	190	Water & Sewer	369	WRF Post Aeration System - Submersible Aspirating Aerator	$0	$30,000	$0	$0	$0	$30,000
131	191	Water & Sewer	69	Lawrence Ave Lift Station	$0	$25,000	$0	$0	$0	$25,000
132	192	Water & Sewer	73	Sewer - New & Replacement Equipment	$0	$23,400	$23,400	$23,400	$23,400	$93,600
133	193	Water & Sewer	1	Winston Water Tower Maintenance	$0	$20,000	$350,000	$0	$0	$370,000
134	194	Water & Sewer	192	Main Control Building "C" Roof	$0	$20,000	$0	$0	$0	$20,000
135	195	Water & Sewer	190	Valve Actuators Controller Upgrades	$0	$18,000	$10,000	$0	$0	$28,000
136	196	Water & Sewer	189	Skylights - Various Buildings	$0	$15,000	$0	$0	$0	$15,000
137	197	Water & Sewer	463	Bulk Water Dispensing System at Public Works	$0	$15,000	$0	$0	$0	$15,000
138	198	Water & Sewer	374	WRF Biosolids Sludge Pump CDQ DAA (East)	$0	$14,000	$0	$0	$0	$14,000
139	199	Water & Sewer	4	Source - New & Replacement Equipment	$0	$13,200	$13,200	$13,200	$13,200	$52,800
140	200	Water & Sewer	197	Laboratory Incubator	$0	$6,000	$0	$0	$0	$6,000
141	201	Water & Sewer	74	WRF Phosphorus Compliance	$0	$0	$485,000	$5,040,000	$0	$5,525,000
142	202	Water & Sewer	310	2003 Ford F450 Dump Truck Vehicle #703	$0	$0	$86,575	$0	$0	$86,575
143	203	Water & Sewer	68	North Circle Ave Lift Station	$0	$0	$80,000	$0	$0	$80,000
144	204	Water & Sewer	191	SCADA Replacement/Upgrade	$0	$0	$75,000	$0	$0	$75,000
145	205	Water & Sewer	510	Eastside Ground Storage Tank Sump Pump Replacement	$0	$0	$45,000	$0	$0	$45,000

Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department #	Page	Fund Type	# of Projects	Public Works (Con't) Project - Title	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
146	206	Water & Sewer	358	Kubota 4WD Tractor #B2106	$0	$0	$33,680	$0	$0	$33,680
147	207	Water & Sewer	477	Mini Message Board #2	$0	$0	$15,000	$0	$0	$15,000
148	208	Water & Sewer	375	WRF Biosolids Sludge Pump CDQ DAA (West)	$0	$0	$14,000	$0	$0	$14,000
149	209	Water & Sewer	373	WRF Digital Process Control Computers	$0	$0	$5,000	$0	$0	$5,000
150	210	Water & Sewer	514	2 1/2 Ton Dump Truck	$0	$0	$0	$180,000	$0	$180,000
151	211	Water & Sewer	316	2008 International Flat Bed #108	$0	$0	$0	$119,000	$0	$119,000
152	212	Water & Sewer	198	WRF 4X4 Utility Vehicle	$0	$0	$0	$15,000	$0	$15,000
153	213	Water & Sewer	429	Cardinal Water Tower Maintenance	$0	$0	$0	$8,000	$0	$8,000
154	214	Water & Sewer	492	Sensus Flexnet System for Water	$0	$0	$0	$0	$3,000,000	$3,000,000
155	215	Water & Sewer	356	Mini Excavator - CAT305	$0	$0	$0	$0	$96,380	$96,380
156	216	Water & Sewer	56	MPI - Bloomingdale Rd (Loop)	$0	$0	$0	$0	$52,000	$52,000
157	217	Water & Sewer	70	Eastgate Lift Station	$0	$0	$0	$0	$25,000	$25,000
158	218	Water & Sewer	71	Springfield Dr Lift Station	$0	$0	$0	$0	$25,000	$25,000
159	219	Water & Sewer	361	Trailer (Rolls Rite- 25KP25HD-LP) #T408	$0	$0	$0	$0	$25,000	$25,000
160	220	Water & Sewer	57	MPI - Schick, Cardinal, Villa (Loop)	$0	$0	$0	$0	$23,000	$23,000
161	221	Water & Sewer	259	GPS Units for WS Utility Vehicles	$0	$0	$0	$0	$12,000	$12,000
162	222	Water & Sewer	294	Chlorination System Upgrade	$0	$0	$0	$0	$12,000	$12,000
163	223	Water & Sewer	150	Chemical Vacuum Induction Pump	$0	$0	$0	$0	$7,200	$7,200
164	224	Water & Sewer	3	Water Storage	$0	$0	$0	$0	$0	$0
165	225	Water & Sewer	5	MPI - Glenwood between Gary Ave & Schick Rd	$0	$0	$0	$0	$0	$0
166	226	Water & Sewer	52	MPI - East Army Trail Rd (loop)	$0	$0	$0	$0	$0	$0
167	227	Water & Sewer	54	MPI - Cavalry Drive Area	$0	$0	$0	$0	$0	$0
168	228	Water & Sewer	55	MPI - Medinah Rd (Loop)	$0	$0	$0	$0	$0	$0
169	229	Water & Sewer	60	MPI - N Bloomingdale Rd (Loop)	$0	$0	$0	$0	$0	$0
170	230	Water & Sewer	61	MPI - Brighton Dr (Loop)	$0	$0	$0	$0	$0	$0
171	231	Water & Sewer	62	MPI - Dee Ct - Morningside (Loop)	$0	$0	$0	$0	$0	$0
172	232	Water & Sewer	66	East Army Trail Rd Redevelopment Area	$0	$0	$0	$0	$0	$0
173	233	Water & Sewer	67	Bloomingdale Rd Lift Station	$0	$0	$0	$0	$0	$0
174	234	Water & Sewer	75	WRF FPA Improvements - Phase 4	$0	$0	$0	$0	$0	$0
175	235	Water & Sewer	76	WRF FPA Improvements - Phase 3	$0	$0	$0	$0	$0	$0
176	236	Water & Sewer	78	2005 Chevy Tahoe, Vehicle #512	$0	$0	$0	$0	$0	$0
177	237	Water & Sewer	79	WRF 2000 GMC 3/4 Ton Pick-up Vehicle #200	$0	$0	$0	$0	$0	$0
178	238	Water & Sewer	300	2005 Chevrolet Colorado Vehicle #531	$0	$0	$0	$0	$0	$0
179	239	Water & Sewer	329	2009 International 7400 Truck w/ Vactor 2112 #109	$0	$0	$0	$0	$0	$0
180	240	Water & Sewer	331	2012 Ford 1 Ton Pick-up, Vehicle #612	$0	$0	$0	$0	$0	$0
181	241	Water & Sewer	354	Handheld Meter Readers (2)	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department #	Page	Fund Type	Project - Title	# of Projects	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
			Public Works (Con't)							
182	242	Water & Sewer	360 Vehicle Meter Reader Transceiver Unit		$0	$0	$0	$0	$0	$0
183	243	Water & Sewer	362 Hydraulics Saw Package - ICS		$0	$0	$0	$0	$0	$0
184	244	Water & Sewer	363 Ingersol Rand Air Compressor Unit #692		$0	$0	$0	$0	$0	$0
185	245	Water & Sewer	365 Hydromatic 15 HP Submersible Pump - S10065171		$0	$0	$0	$0	$0	$0
186	246	Water & Sewer	367 WRF 6" Dri-Prime Portable Pump & Trailer		$0	$0	$0	$0	$0	$0
187	247	Water & Sewer	368 WRF Influent Odor Control Activated Carbon Drum Scrubber		$0	$0	$0	$0	$0	$0
188	248	Water & Sewer	370 WRF Biosolids Polymer/Chemical Mixing and Feed System -1		$0	$0	$0	$0	$0	$0
189	249	Water & Sewer	402 Eastside Ground Storage Tank Maintenance		$0	$0	$0	$0	$0	$0
190	250	Water & Sewer	421 2016 Ford F59 Step Van #316		$0	$0	$0	$0	$0	$0
191	251	Water & Sewer	431 Mac-Lander Trailer #UT104		$0	$0	$0	$0	$0	$0
192	252	Water & Sewer	441 MQ Generator DB138IJ Unit #501		$0	$0	$0	$0	$0	$0
193	253	Water & Sewer	442 MQ Generator 31089-USTB Unit #704		$0	$0	$0	$0	$0	$0
194	254	Water & Sewer	443 Doosan Generator G125WCU-3Q-T4i Unit #414		$0	$0	$0	$0	$0	$0
195	255	Water & Sewer	444 Gorman-Rupp 6" Pump Unit #688		$0	$0	$0	$0	$0	$0
196	256	Water & Sewer	462 Small Meter Bench Test Equipment		$0	$0	$0	$0	$0	$0
197	257	Water & Sewer	464 Emergency Generator at Station #8		$0	$0	$0	$0	$0	$0
198	258	Water & Sewer	465 Domestic Diesel Engine		$0	$0	$0	$0	$0	$0
199	259	Water & Sewer	475 2016 CAT430F2 IT Combination Backhoe Loader		$0	$0	$0	$0	$0	$0
200	260	Water & Sewer	476 2016 Doosan Generator G125WCU-3Q-T4i Unit #516		$0	$0	$0	$0	$0	$0
201	261	Water & Sewer	478 2017 Peterbilt 2 1/2 Ton Dump Truck #317		$0	$0	$0	$0	$0	$0
202	262	Water & Sewer	495 2017 E.H. Wachs Valve Maintenance Trailer Unit #VMT2		$0	$0	$0	$0	$0	$0
203	263	Water & Sewer	511 2017 Ford F-350 One-Ton Pickup - Truck #817		$0	$0	$0	$0	$0	$0
204	264	Water & Sewer	512 2017 Ford F-350 One-Ton Pickup - Truck #917		$0	$0	$0	$0	$0	$0
205	265	Water & Sewer	520 WRF Biosolids Polymer/Chemical Mixing and Feed System -2		$0	$0	$0	$0	$0	$0
206	266	Water & Sewer	521 WRF - Excess Flow Polymer/Chemical Mixing and Feed System		$0	$0	$0	$0	$0	$0
207	267	Water & Sewer	522 Chemical Feed System		$0	$0	$0	$0	$0	$0
		Total Projects - Water & Sewer		**98**	**$1,018,185**	**$6,869,080**	**$2,401,550**	**$6,551,120**	**$4,468,565**	**$21,308,500**
		Total Projects - Public Works		**207**	**$7,206,495**	**$19,469,150**	**$9,575,780**	**$8,484,120**	**$6,346,065**	**$51,081,610**
Sources - Funding Source										
			01-General Fund		$278,000	$208,000	$47,000	$0	$21,000	$554,000
			06-Motor Fuel Tax Fund		$1,301,230	$1,481,000	$1,860,000	$1,926,000	$1,824,000	$8,392,230
			07-Home Rule Sales Tax Fund		$1,654,000	$1,300,000	$0	$0	$0	$2,954,000
			10-Capital Equipment Replacement Fund		$185,360	$501,070	$542,230	$7,000	$32,500	$1,268,160
			31-East Lake Street TIF Redev Projects Fund		$2,290,800	$0	$0	$0	$0	$2,290,800
			32-Capital Improvements Fund		$0	$9,085,000	$4,725,000	$0	$0	$13,810,000
			34-Westgate TIF Redev Project Fund		$208,670	$0	$0	$0	$0	$208,670
			35-Springbrook TIF Redev Project Fund		$270,250	$0	$0	$0	$0	$270,250
			40-Water & Sewer Fund		$1,018,185	$6,894,080	$2,401,550	$6,551,120	$4,468,565	$21,333,500
		Total Sources - Funding Source		**9**	**$7,206,495**	**$19,469,150**	**$9,575,780**	**$8,484,120**	**$6,346,065**	**$51,081,610**

Village of Bloomingdale
CIP Project Description

Project #: 484

Title: Lake Street Streetscape and Lighting Enhancements

Estimated Total Cost: $5,588,670

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Other

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** Dec, 2017 **Start Project:** **End Project**

Description:

ISSUE: Enhancing the identity within the Lake Street Corridor using streetscape improvements.

ANALYSIS: These streetscape improvements include customized gateway elements, median landscape and hardscape treatments, and public parkway landscape plans.

SOLUTION: Village staff will procure the design-build project pursuant to applicable provisions of the Village Procurement Code. Cost of $81,670 in FY19 reflects budgeted costs for program design. Budgeted costs of $1,347,280 represent improvments from Glen Ellyn Rd to 300 ft. West of Glen Ellyn Rd and Ridge 150 ft west of Ridge Avenue to Maple Avenue.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$90,000	$81,670	$0	$0	$0	$0	**$171,670**
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$1,347,280	$1,300,000	$0	$0	$0	**$2,647,280**
31-East Lake Street TIF Redev Projects Fund	31-04-042-0000	$0	$2,290,800	$0	$0	$0	$0	**$2,290,800**
34-Westgate TIF Redev Projects Fund	34-04-042-0000	$0	$208,670	$0	$0	$0	$0	**$208,670**
35-Springbrook TIF Redev Project Fund	35-04-042-0000	$0	$270,250	$0	$0	$0	$0	**$270,250**
TOTAL		**$90,000**	**$4,198,670**	**$1,300,000**	**$0**	**$0**	**$0**	**$5,588,670**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$90,000	$1,428,950	$1,300,000	$0	$0	$0	**$2,818,950**
31-East Lake Street TIF Redev Projects Fund	31-00-000-0000	$0	$2,290,800	$0	$0	$0	$0	**$2,290,800**
34-Westgate TIF Redev Project Fund	34-00-000-0000	$0	$208,670	$0	$0	$0	$0	**$208,670**
35-Springbrook TIF Redev Project Fund	35-00-000-0000	$0	$270,250	$0	$0	$0	$0	**$270,250**
								$0
TOTAL		**$90,000**	**$4,198,670**	**$1,300,000**	**$0**	**$0**	**$0**	**$5,588,670**

Village of Bloomingdale
CIP Project Description

Project #: 144

Title: Village-wide Street Improvement Program

Estimated Total Cost: $8,392,230

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 06-04-042-0080

Category: Road Program

Organization Name: Road Program

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** Dec, 2015 **Start Project:** **End Project**

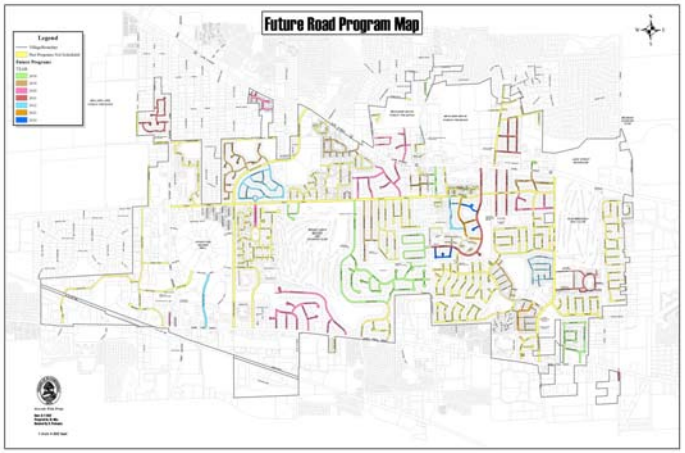
Description:

ISSUE: Deteriorating road pavements need to be repaired.

ANALYSIS: Staff inspects all roadway pavements annually for planning future road repairs and roadway pavement repair methods are targeted toward the type of defect. A repair program is designed annually by in-house staff for bidding and repair by contractors. Staff performs the field supervision and construction management of the project. Various factors for each street under review are considered. These factors include pavement condition, age, composition, drainage characteristics, coordination with other capital improvements, proximity of work areas and other factors. Various pavement strategies are considered for the streets to be repaired to provide economical pavement repairs while working toward maximizing pavement life

SOLUTION: Continue to annually apply pavement maintenance strategies and repair and reconstruct roadways that are identified as needing repair.

\\Bloom08\CIP\Images\RoadProgramMap.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
06-Motor Fuel Tax Fund	06-04-042-0080	$0	$1,301,230	$1,481,000	$1,860,000	$1,926,000	$1,824,000	**$8,392,230**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$1,301,230**	**$1,481,000**	**$1,860,000**	**$1,926,000**	**$1,824,000**	**$8,392,230**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
06-Motor Fuel Tax Fund	06-00-000-0000	$0	$1,301,230	$1,481,000	$1,860,000	$1,926,000	$1,824,000	**$8,392,230**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$1,301,230**	**$1,481,000**	**$1,860,000**	**$1,926,000**	**$1,824,000**	**$8,392,230**

Village of Bloomingdale
CIP Project Description

Project #: 527

Title: Village Hall and Police Department Roof Replacement

Estimated Total Cost: $120,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Other

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: As a result of the age and condition of the roof, it has reached the end of its useful life.

ANALYSIS: The roof of the Police Department and Village Hall buildings should be replaced to sustain the integrity of the building and extend its overall useful life. A like-kind roof will be sought to replace the current roof.

SOLUTION: The Village will follow applicable provisions of the Village's Purchasing Code to perform the necessary repairs. No operational savings are anticipated. Cost to replace the Police Department roof is $70,000 and cost to replace Village Hall roof is $50,000.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$50,000	$0	$0	$0	$0	**$50,000**
01-General Fund	01-04-043-0058	$0	$70,000	$0	$0	$0	$0	**$70,000**
								$0
								$0
								$0
TOTAL		**$0**	**$120,000**	**$0**	**$0**	**$0**	**$0**	**$120,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$120,000	$0	$0	$0	$0	**$120,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$120,000**	**$0**	**$0**	**$0**	**$0**	**$120,000**

Village of Bloomingdale
CIP Project Description

Project #: 39

Title: OH-Lawrence Avenue - Garden to Springfield

Estimated Total Cost: $100,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

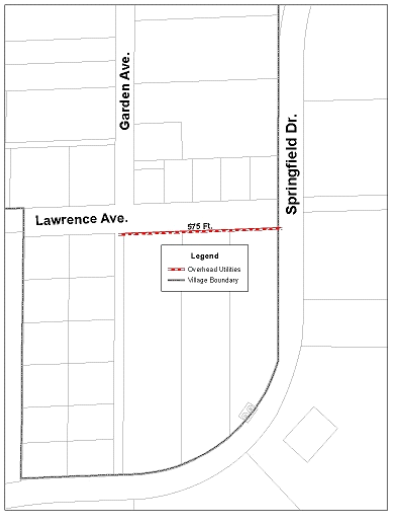
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $215,625 to relocate approximately 575 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD. Work to be completed by the Developer of Springfield Place Subdivision; Village share not-to-exceed $100,000.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$100,000	$0	$0	$0	$0	**$100,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$100,000**	**$0**	**$0**	**$0**	**$0**	**$100,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$100,000	$0	$0	$0	$0	**$100,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$100,000**	**$0**	**$0**	**$0**	**$0**	**$100,000**

Village of Bloomingdale
CIP Project Description

Project #: 303

Title: 2002 Ford Dump Truck #302

Estimated Total Cost: $95,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Vehicle - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Vehicle #302, a 2002 Ford one ton dump truck, with plow and speeder is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The truck serves as a lead snow and ice response vehicle, as well as being used for a variety of streets maintenance operations. An "in-kind" replacement is envisioned. It is anticipated that the new vehicle will save money on fuel costs and eliminate costly future maintenance expenses due to the age of the existing vehicle.

SOLUTION: Village Services will purchase the vehicle, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$95,000	$0	$0	$0	$0	**$95,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$95,000**	**$0**	**$0**	**$0**	**$0**	**$95,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$95,000	$0	$0	$0	$0	**$95,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$95,000**	**$0**	**$0**	**$0**	**$0**	**$95,000**

Village of Bloomingdale
CIP Project Description

Project #: 519

Title: Police Department Cold Water Chiller

Estimated Total Cost: $95,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Other

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The cold water chiller system used to cool the Police Department has reached the end of it's useful life.

ANALYSIS: The Police Department 100 ton cold water chiller is in need of replacement. This equipment is original to the building and due to unforseen issues requires replacement. Cost savings could be realized in the form of reduced energy costs as new unit is more energy efficient.

SOLUTION: The Village will purchase the replacement equipment pursuant to applicable provision of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$95,000	$0	$0	$0	$0	**$95,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$95,000**	**$0**	**$0**	**$0**	**$0**	**$95,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$95,000	$0	$0	$0	$0	**$95,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$95,000**	**$0**	**$0**	**$0**	**$0**	**$95,000**

Village of Bloomingdale
CIP Project Description

Project #: 152

Title: 2005 Dump Truck #705

Estimated Total Cost: $90,360

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Vehicle - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Vehicle #705, a 2005 one ton dump truck, with plow and spreader is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The truck serves as a lead snow and ice response vehicle, as well as being used for a variety of streets maintenance operations. An "in-kind" replacement is envisioned. It is anticipated that the new vehicle will save money on fuel costs and eliminate costly future maintenance expenses due to the age of the existing vehicle.

SOLUTION: Village Services will procure the vehicle and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$90,360	$0	$0	$0	$0	**$90,360**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$90,360**	**$0**	**$0**	**$0**	**$0**	**$90,360**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$90,360	$0	$0	$0	$0	**$90,360**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$90,360**	**$0**	**$0**	**$0**	**$0**	**$90,360**

Village of Bloomingdale
CIP Project Description

Project #: 262

Title: Covington Corporate Center Sidewalk Project

Estimated Total Cost: $80,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-043-0064

Category: Other

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

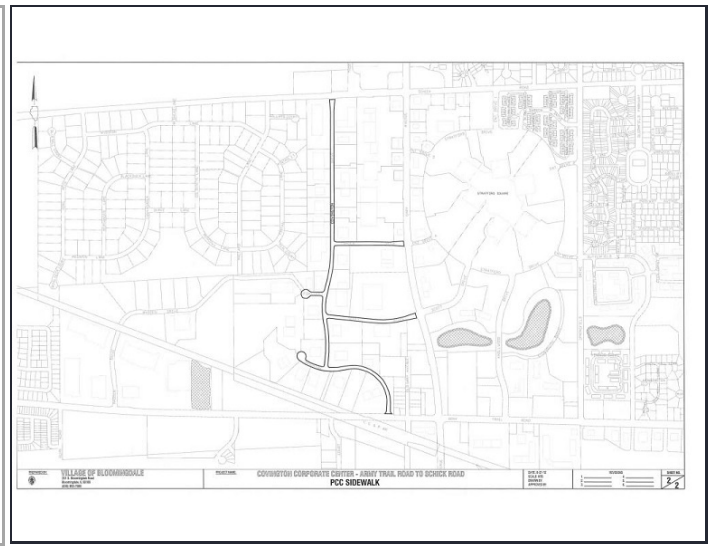
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The existing public walk in Covington Corporate Center (CC) is constructed of mostly 5' wide asphalt.

ANALYSIS: The asphalt is in poor condition and is not consistent with other typical sidewalks in Bloomingdale which are constructed with concrete.

SOLUTION: Remove existing 5' wide asphalt sidewalk and replace with 5' wide concrete sidewalk and upgrade sidewalk crossings to meet ADA requirements. A portion of the work along Covington Drive and Brighton Drive has qualified for a Federal Grant with partial Village funding and the remaining sections are to be funded 100% by the Village. The Village Services Department-Engineering Division will prepare plans and specifications for bids by qualified contractors to perform the work. The Village staff would evaluate the bids, and upon approval of a contract to perform the work contemplated, would perform construction supervision of the contractor completing the work.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-043-0064	$0	$80,000	$0	$0	$0	$0	**$80,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$80,000**	**$0**	**$0**	**$0**	**$0**	**$80,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$80,000	$0	$0	$0	$0	**$80,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$80,000**	**$0**	**$0**	**$0**	**$0**	**$80,000**

Village of Bloomingdale
CIP Project Description

Project #: 405

Title: Pavement Saw - Walk Behind

Estimated Total Cost: $35,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-044-0055

Category: Equipment - New

Organization Name: Stormwater Collection

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Public Works Department would benefit from a full depth pavement saw for cutting curb and pavements.

ANALYSIS: The current pavement cutting equipment is not sufficient to make complete cuts through curb sections or thicker pavements. Cuts requiring greater depth must be arranged through contractual services or broken leaving jagged edges difficult to patch against. This issue leads to down time especially during emergency response operations such as water main breaks under thicker roadways including Bloomingdale Rd.

SOLUTION: Village staff will procure the necessary equipment and trailer pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-044-0055	$0	$35,000	$0	$0	$0	$0	**$35,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$35,000**	**$0**	**$0**	**$0**	**$0**	**$35,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$35,000	$0	$0	$0	$0	**$35,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$35,000**	**$0**	**$0**	**$0**	**$0**	**$35,000**

Village of Bloomingdale
CIP Project Description

Project #: 162

Title: RP-East Branch Trail - Carriage Way to Sunny Side Park

Estimated Total Cost: $29,500

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

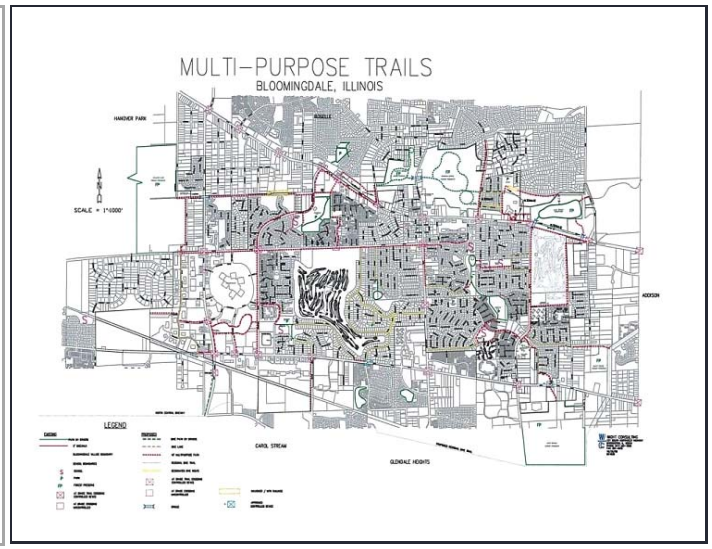
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Continued segment by segment construction of the 1996 Multi-Purpose Trail program.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of recreational trails in the Village. The recreational trail plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to parks, forest preserves, golf courses, Village Hall/Police facility, library, schools, shopping centers and others. The recreational trail plan allows for interconnection with other trail systems outside of the Village boundaries, allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway and the Prairie Path. The project is funded by a Federal STP-TCM Grant. The total estimated cost is $147,500, the federal share is $118,000; the Village share is $29,500.

SOLUTION: This project will be administered and let by IDOT with the Village receiving invoices from IDOT representing the local share of 20% ($29,500).



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$29,500	$0	$0	$0	$0	**$29,500**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$29,500**	**$0**	**$0**	**$0**	**$0**	**$29,500**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$29,500	$0	$0	$0	$0	**$29,500**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$29,500**	**$0**	**$0**	**$0**	**$0**	**$29,500**

Village of Bloomingdale
CIP Project Description

Project #: 171

Title: RP-Springfield Drive - Lawrence to Lake Street

Estimated Total Cost: $15,550

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Recreational Path

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

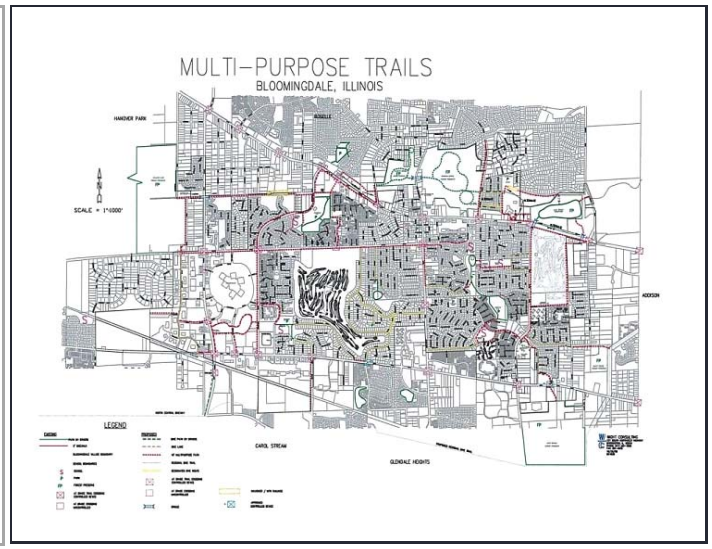
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Segment by segment construction of Recreational Trails to complete the 1996 Village-wide Recreational Trail System.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of recreational trails in the Village. The Recreational Trail Plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping areas, and others. The Recreational Trail Plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway or the Prairie Path. The estimated cost is $78,000. The project has received Federal Surface Transportation Program funding in the amount of $58,000. The Village Local share is $19,420. Grant based on 2007 costs.

SOLUTION: Scope, cost and timing of implementation for IDOT approval and letting in FY18/FY19.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$15,550	$0	$0	$0	$0	**$15,550**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$15,550**	**$0**	**$0**	**$0**	**$0**	**$15,550**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$15,550	$0	$0	$0	$0	**$15,550**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$15,550**	**$0**	**$0**	**$0**	**$0**	**$15,550**

Village of Bloomingdale
CIP Project Description

Project #: 496

Title: Parts Washer Cabinet

Estimated Total Cost: $10,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0065

Category: Equipment - Replacement

Organization Name: Equipment Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The parts washer cabinet is scheduled to be repalced as it is expected to have reached it's full life.

ANALYSIS: The parts washer cabinet is utilized by Vehicle Maintenance staff to service the Village's automotive, truck and large equipment fleet. An 'in-kind' replacement is envisioned.

SOLUTION: Purcahse new parts washer cabinet pursuant to apllicable provisions of the Village's procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0065	$0	$10,000	$0	$0	$0	$0	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$10,000**	**$0**	**$0**	**$0**	**$0**	**$10,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$10,000	$0	$0	$0	$0	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$10,000**	**$0**	**$0**	**$0**	**$0**	**$10,000**

Village of Bloomingdale
CIP Project Description

Project #: 528

Title: Police Facility Identification Sign

Estimated Total Cost: $10,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Equipment - Replacement

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Police facility can be difficult to identifiy with the Village Hall and Library facility so close toghether. .

ANALYSIS: To assist the public in locating the Police Department, sign improvements will be performed to the entry POLICE sign along Bloomingdale Road. Additionally, a review of lighting at the entry doors to the police facility will be conducted with the potentially adding a lighted POLICE sign here as well

SOLUTION: Village staff will procure suitable signage and lighting pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$10,000	$0	$0	$0	$0	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$10,000**	**$0**	**$0**	**$0**	**$0**	**$10,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$10,000	$0	$0	$0	$0	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$10,000**	**$0**	**$0**	**$0**	**$0**	**$10,000**

Village of Bloomingdale
CIP Project Description

Project #: 526

Title: Street Light Installation

Estimated Total Cost: $8,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - New

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: It is desirable for street lighting to be placed at mid-blocks of long streets, cul-de-sacs, and intersections.

ANALYSIS: The Village will install proper lighting where streets are not property illuminated due to saftey concerns of "dark streets."

SOLUTION: Village will procure the necessary street pole(s) and electrical installation in accordance with Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$8,000	$0	$0	$0	$0	**$8,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$8,000**	**$0**	**$0**	**$0**	**$0**	**$8,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$8,000	$0	$0	$0	$0	**$8,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$8,000**	**$0**	**$0**	**$0**	**$0**	**$8,000**

Village of Bloomingdale
CIP Project Description

Project #: 418

Title: Village Hall & Annex Renovation

Estimated Total Cost: $5,000,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 32-04-042-0000

Category: Other

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The interior and exterior of the Village and Village Annex are need of major maintenance repair and remodeling.

ANALYSIS: The Objectives of the Village Hall & Annex Remodel are to:

1. Upgrade the HVAC in the Village Hall
2. Create and Utilize a Visually Appealing Space in the main Village Hall & Village Annex
3. Exterior Maintenance (Retaining Wall, Parking Lot, Front Elevation)
4. Increase Permanent Document Storage Areas

SOLUTION: An engineering architect would be utilized to access the HVAC and other maintenance needs for the facility, and to design and over see the construction of remodel project.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
32-Capital Improvements Fund	32-04-042-0000	$0	$0	$5,000,000	$0	$0	$0	**$5,000,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$5,000,000**	**$0**	**$0**	**$0**	**$5,000,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
32-Capital Improvements Fund	01-00-000-0000	$0	$0	$5,000,000	$0	$0	$0	**$5,000,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$5,000,000**	**$0**	**$0**	**$0**	**$5,000,000**

Village of Bloomingdale
CIP Project Description

Project #: 271

Title: Indian Lakes Open Space Area Development Program

Estimated Total Cost: $4,085,000
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 32-04-042-0000

Category: Stormwater Collection/Drainage

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** Apr, 2015 **Start Project:** **End Project**

Description:

ISSUE: Utilize a 35 acre open space, formerly part of the Hilton Indian Lakes Resort, for the purpose of increasing the volume of storm water runoff stored on this site to reduce the frequency and severity of flooding on surrounding properties, and for a companion use as a passive park.

ANALYSIS: The program includes all costs associated with the redevelopment of the Open Space site, including land planning and stormwater engineering. Prior Years costs include a drainage analysis by Benes and Associates, plus the first phase of the Signature Design study. Future costs include the final phase of the Signature Design study, including work by Benes as a subcontractor, and the actual redevelopment costs, in two (2) phases.

SOLUTION: Runoff from surrounding properties would be directed to new stormwater storage areas created on the open space, where the water would be stored and released at a controlled rate to reduce the frequency and severity of flooding. The redevelopment costs and timing of improvements are TBD pending final design and determining sources of funding.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
32-Capital Improvements Fund	32-04-042-0000	$0	$0	$4,085,000	$0	$0	$0	**$4,085,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$4,085,000**	**$0**	**$0**	**$0**	**$4,085,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
32-Capital Improvements Fund	32-00-000-0000	$0	$0	$4,085,000	$0	$0	$0	**$4,085,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$4,085,000**	**$0**	**$0**	**$0**	**$4,085,000**

Village of Bloomingdale
CIP Project Description

Project #: 343

Title: 2005 6-Wheel Dump Truck Vehicle #105

Estimated Total Cost: $172,540

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Vehicle - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Vehicle #105, a 2005 6-wheel International Dump Truck is expected to have reached its useful life.

ANALYSIS: It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing vehicle. Fuel savings may also be realized as new vehicle models typically are more fuel efficient.

SOLUTION: Village Services will purchase the replacement in accordance with applicable provisions of the Village's procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$172,540	$0	$0	$0	**$172,540**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$172,540**	**$0**	**$0**	**$0**	**$172,540**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$172,540	$0	$0	$0	**$172,540**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$172,540**	**$0**	**$0**	**$0**	**$172,540**

Village of Bloomingdale
CIP Project Description

Project #: 304

Title: 2006 International 2 1/2 Ton Dump Vehicle #605

Estimated Total Cost: $154,115

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Vehicle - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Vehicle #605, a 2006 International Dump Truck, with plow and spreader is scheduled to be replaced, as it is expected to have reached its useful life.

ANALYSIS: The truck serves as a lead snow and ice response vehicle, as well as being used for a variety of streets maintenance operations. An "in-kind" replacement is envisioned. envisioned. It is anticipated that the new vehicle will save money on fuel costs and eliminate costly future maintenance expenses due to the age of the existing vehicle.

SOLUTION: Village Services will purchase the vehicle, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$154,115	$0	$0	$0	**$154,115**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$154,115**	**$0**	**$0**	**$0**	**$154,115**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$154,115	$0	$0	$0	**$154,115**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$154,115**	**$0**	**$0**	**$0**	**$154,115**

Village of Bloomingdale
CIP Project Description

Project #: 450

Title: Police Department Elevator Renovations

Estimated Total Cost: $70,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Equipment - Replacement

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Replace the original elevator equipment which was installed in 1991. Elevator modernization to include the replacement of the controller, leveling system, hydraulic power unit replacement, car and hall fixtures, door operator and door equipment.

ANALYSIS: Renovations are necessary for elevator safe operation and to meet code requirements

SOLUTION: Prepare bid specifications to obtain pricing for the completion of proposed work

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$70,000	$0	$0	$0	**$70,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$70,000**	**$0**	**$0**	**$0**	**$70,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$70,000	$0	$0	$0	**$70,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$70,000**	**$0**	**$0**	**$0**	**$70,000**

Village of Bloomingdale
CIP Project Description

Project #: 24

Title: PW Facility Security System

Estimated Total Cost: $60,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Equipment - New

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Improve existing security measures at the Public Works Facility (PWF).

ANALYSIS: The PWF is comprised of two (2) buildings, a salt dome and a fueling station. The current building security measures consist of conventional door locks and manual keys. A chain link fence and manual gate provide a physical barrier from the west face of the vehicle storage building around the eastern perimeter of the property.

The envisioned security system would include key code/key fob door access system, closed circuit television monitoring, and other alarmed systems. The full scope and costing to be determined.

SOLUTION: Install security measures at the PWF. The envisioned scope of work would be completed using a combination of contracted and in-house resources.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$60,000	$0	$0	$0	**$60,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$60,000**	**$0**	**$0**	**$0**	**$60,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$60,000	$0	$0	$0	**$60,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$60,000**	**$0**	**$0**	**$0**	**$60,000**

Village of Bloomingdale
CIP Project Description

Project #: 312

Title: 2001 Ford New Holland Skidsteer Unit #180

Estimated Total Cost: $57,855

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2001 Ford New Holland Skidsteer Unit #180 is anticipated to have reached its useful life.

ANALYSIS: The skidsteer is assigned to Streets Maintenance. The skidsteer is used to complete a variety of loading, and material moving functions to complete at types of streets maintenance.

SOLUTION: Village staff will procure an "in-kind" replacement pursuant to applicable provisions of the Village Procurement Code. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$57,855	$0	$0	$0	**$57,855**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$57,855**	**$0**	**$0**	**$0**	**$57,855**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$57,855	$0	$0	$0	**$57,855**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$57,855**	**$0**	**$0**	**$0**	**$57,855**

Village of Bloomingdale
CIP Project Description

Project #: 226

Title: Sealcoat VH, PW & GC Driveways and Parking Lots

Estimated Total Cost: $53,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Other

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Extending the useful life of the paved areas at the Village Hall, Public Works Facility and golf course.

ANALYSIS: Applying crack-fill and seal coat to asphalt driveways and parking lots extends the useful life of these paved areas.

SOLUTION: Engage a contractor to complete this work pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$28,000	$0	$0	$0	**$28,000**
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$0	$0	$0	**$0**
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$12,500	$0	$0	$0	**$12,500**
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$12,500	$0	$0	$0	**$12,500**
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	**$0**
TOTAL		**$0**	**$0**	**$53,000**	**$0**	**$0**	**$0**	**$53,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$28,000	$0	$0	$0	**$28,000**
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$25,000	$0	$0	$0	**$25,000**
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	**$0**
								$0
								$0
TOTAL		**$0**	**$0**	**$53,000**	**$0**	**$0**	**$0**	**$53,000**

Village of Bloomingdale
CIP Project Description

Project #: 516

Title: Asphalt Hot Box

Estimated Total Cost: $50,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

Issue: This piece of equipment used to perform pothole repairs during the winter season has reached it's useful life for the Village.

Analysis: This replacement piece of equipment will be utilized for pothole repairs during the winter season along with emergency road repairs due to excavations from water main repairs. The main fuction of this machine is to keep material at or around 100 degrees so the material remains plyable for laveling and compaction reasons.

Solution:Village staff will investigate and procure the replacement machine capeable of performing it's assigned resposabilities pursuant to applicable provisions of the Village's procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$50,000	$0	$0	$0	**$50,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$50,000**	**$0**	**$0**	**$0**	**$50,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$50,000	$0	$0	$0	**$50,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$50,000**	**$0**	**$0**	**$0**	**$50,000**

Village of Bloomingdale
CIP Project Description

Project #: 156

Title: 2008 Ford Expedition #308

Estimated Total Cost: $44,505

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Vehicle - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Vehicle #308, a 2008 Ford Expedition, is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The vehicle is assigned to streets division command functions, and transporting maintenance crews to job sites during the peak season. An "in-kind" replacement is envisioned . It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing vehicle. Fuel savings may also be realized as new vehicle models typically are more fuel efficient.

SOLUTION: Village Services will purchase the replacement vehicle in accordance with applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$44,505	$0	$0	$0	**$44,505**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$44,505**	**$0**	**$0**	**$0**	**$44,505**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$44,505	$0	$0	$0	**$44,505**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$44,505**	**$0**	**$0**	**$0**	**$44,505**

Village of Bloomingdale
CIP Project Description

Project #: 298

Title: 2003 Ford 1-Ton Pick-up Vehicle #503

Estimated Total Cost: $41,055
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works
Organization: 01-04-043-0064
Category: Vehicle - Replacement
Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Vehicle #503, a 2003, 1 ton 4X4 Ford pickup with plow is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The vehicle is assigned to Public Works Streets Maintenance, serving to transport equipment and personnel to job sites. It is a lead vehicle for cul-de-sac plowing operations. An "in-kind" replacement is envisioned. It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing vehicle. Fuel savings may also be realized as new vehicle models typically are more fuel efficient.

SOLUTION: Village Services will purchase the replacement vehicle in accordance with applicable provisions of the Village's procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$41,055	$0	$0	$0	**$41,055**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$41,055**	**$0**	**$0**	**$0**	**$41,055**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$41,055	$0	$0	$0	**$41,055**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$41,055**	**$0**	**$0**	**$0**	**$41,055**

Village of Bloomingdale
CIP Project Description

Project #: 114

Title: Sign Shop Equipment Vinyl Cutter & Software

Estimated Total Cost: $14,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The drag blade vinyl cutter and software is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The equipment is assigned to the Streets Division, located in the sign shop at Public Works, and is used in the fabrication of traffic control and street signage. Staff recommends an "in-kind" replacement.

SOLUTION: The Village Services Public Works / Streets Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$14,000	$0	$0	$0	**$14,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$14,000**	**$0**	**$0**	**$0**	**$14,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$14,000	$0	$0	$0	**$14,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$14,000**	**$0**	**$0**	**$0**	**$14,000**

Village of Bloomingdale
CIP Project Description

Project #: 121

Title: Hydraulic Concrete Breaker - Skid Steer Attachment

Estimated Total Cost: $10,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The hydraulic concrete breaker attachment for the skid steer is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The equipment is assigned to the Streets Maintenance Division. The equipment is used extensively in in-house concrete and asphalt pavement maintenance operations. Public Works staff recommends an "in-kind" replacement.

SOLUTION: The Village Services Public Works Streets Maintenance Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$10,000	$0	$0	$0	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$10,000**	**$0**	**$0**	**$0**	**$10,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$10,000	$0	$0	$0	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$10,000**	**$0**	**$0**	**$0**	**$10,000**

Village of Bloomingdale
CIP Project Description

Project #: 125

Title: Pressure Washer

Estimated Total Cost: $7,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The pressure washer is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The pressure washer is located at the Public Works Facility vehicle storage building. The pressure washer is used extensively in many cleaning operations in the Division and for graffiti removal in the Village. Public Works staff recommends an "in-kind" replacement.

SOLUTION: The Village Services Public Works Streets Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$7,000	$0	$0	$0	**$7,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$7,000**	**$0**	**$0**	**$0**	**$7,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$7,000	$0	$0	$0	**$7,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$7,000**	**$0**	**$0**	**$0**	**$7,000**

Village of Bloomingdale
CIP Project Description

Project #: 473

Title: Public Works Facility Expansion

Estimated Total Cost: $4,725,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 32-04-042-0000

Category: Other

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The buildings at the current Public Works Facility located at 305 Glen Ellyn Road have reached its functional capacity including vehicle, equipment and vehicle storage needs, salt storage needs, equipment maintenance and office area needs.

ANALYSIS: More space is needed to maintain the current levels of responsive maintenance services delievered to Village residents and business owners.

SOLUTION: Utilize property at 4N311 Glen Ellyn Road, recently acquired by the Village, to build new and/or expanded vehicle and equipment storage buildings, salt storage building, maintenance and office work areas, and parking areas. The exact scope and cost of the project is TBD. A very rough placemarker estimate for the poject is $4.725 million consisting of $4.125 million in construction costs and $600,000 in design and construction inspection services. The project includes the cost to upgrade the cabling from Cat5 to Cat6e.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
32-Capital Improvements Fund	32-04-042-0000	$0	$0	$0	$4,725,000	$0	$0	**$4,725,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$4,725,000**	**$0**	**$0**	**$4,725,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
32-Capital Improvements Fund	32-00-000-0000	$0	$0	$0	$4,725,000	$0	$0	**$4,725,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$4,725,000**	**$0**	**$0**	**$4,725,000**

Village of Bloomingdale
CIP Project Description

Project #: 315

Title: 2005 John Deere 544 Endloader #JD544

Estimated Total Cost: $180,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The department anticipates replacing the 2005 John Deere 544 End Loader to reach the end of its useful life in FY21.

ANALYSIS: PW and Utilities crews use this equipment for all types of material loading demands.

SOLUTION: The department recommends the "in-kind" replacement of the equipment to save in future maintenance costs due to age of the existing equipment. The Village Services Public Works /Utilities Division will procure a similar piece of equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$180,000	$0	$0	**$180,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$180,000**	**$0**	**$0**	**$180,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$180,000	$0	$0	**$180,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$180,000**	**$0**	**$0**	**$180,000**

Village of Bloomingdale
CIP Project Description

Project #: 155

Title: 2007 International Dump Truck #106

Estimated Total Cost: $154,115

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Vehicle - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Vehicle #106, a 2006 International Dump Truck with plow and spreader is scheduled to be replaced in FY21 at an estimated replacement cost of $146,775, as it is expected to have reached its useful life.

ANALYSIS: It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing vehicle. Fuel savings may also be realized as new vehicle models typically are more fuel efficient.

SOLUTION: Village Services will purchase the replacement vehicle in accordance with applicable provisions of the Village's procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$154,115	$0	$0	**$154,115**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$154,115**	**$0**	**$0**	**$154,115**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$154,115	$0	$0	**$154,115**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$154,115**	**$0**	**$0**	**$154,115**

Village of Bloomingdale
CIP Project Description

Project #: 328

Title: 2007 International 7400 Dump Vehicle #206

Estimated Total Cost: $154,115

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Vehicle - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2007 International Dump Truck, vehicle #206, is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This vehicle is used for large scale excavation work that require the removal of large amounts of earthen spoil material, and replacement with aggregate backfill. The truck's larger size and capacity allows for more efficient hauling of material to and from the public works facility, especially during excavation operations in the western areas of town where hauling distance often slows production. The vehicle is also assigned to snow and ice control as a primary snow plow / salt truck during winter months. It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing vehicle. Fuel savings may also be realized as new vehicle models typically are more fuel efficient.

SOLUTION: Village Services will purchase an in-kind replacement vehicle similar to the one illustrated, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$154,115	$0	$0	**$154,115**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$154,115**	**$0**	**$0**	**$154,115**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$154,115	$0	$0	**$154,115**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$154,115**	**$0**	**$0**	**$154,115**

Village of Bloomingdale
CIP Project Description

Project #: 313

Title: 1998 Vermeer Branch Chipper

Estimated Total Cost: $54,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0063

Category: Equipment - Replacement

Organization Name: Forestry

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The 1998 Vermeer Branch Chipper Unit #BC98 is anticipated to have reached its useful life.

ANALYSIS: The chipper is assigned to Forestry. The chipper is used chip tree branches and tree trucks into mulch. It is anticipated that the chipper will eliminate costly future maintenance expenses due to the age of the existing equipment.

SOLUTION: Village staff will procure an "in-kind" replacement pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0063	$0	$0	$0	$54,000	$0	$0	**$54,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$54,000**	**$0**	**$0**	**$54,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$54,000	$0	$0	**$54,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$54,000**	**$0**	**$0**	**$54,000**

Village of Bloomingdale
CIP Project Description

Project #: 16

Title: NPDES Phase 2 - Chloride Reduction Road Deicing

Estimated Total Cost: $40,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-044-0055

Category: Other

Organization Name: Stormwater Collection

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Chloride in stormwater runoff is an environmental concern identified in the Village's National Pollution Discharge Elimination System Phase 2 Stormwater Permit.

ANALYSIS: Sodium chloride (rock salt) used on roads is a source of chloride found in runoff. Since FY08, the Village has used practices aimed at reducing the amount of rock salt applied to roads, generally, limiting application to arterial, collector streets, and residential street hills, curves and intersections. About 1,100 to 2,000 tons of rock salt is applied each winter season, compared to 2,500 to 3,000 tons under the prior practices. An alternative, called anti-icing, consists of applying a liquid mixture of chlorides - sodium (NaCl), magnesium (MgCl2), calcium (CaCl2), calcium magnesium acetate (CMA), and potassium acetate (KAc) to the road in advance of a storm. Some mixtures include an organic liquid derived from beets, corn or sugar cane. This alternative method requires the purchase of various equipment.

SOLUTION: If effectiveness on anti-icing is confirmed, the necessary equipment, materials and supplies would be purchased pursuant to provisions of the Village's Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-044-0055	$0	$0	$0	$40,000	$0	$0	**$40,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$40,000**	**$0**	**$0**	**$40,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$40,000	$0	$0	**$40,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$40,000**	**$0**	**$0**	**$40,000**

Village of Bloomingdale
CIP Project Description

Project #: 17

Title: NPDES Phase 2 - Salt Storage Door

Estimated Total Cost: $7,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-044-0055

Category: Stormwater Collection/Drainage

Organization Name: Stormwater Collection

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The levels of chlorides in storm water runoff is an environmental concern that is identified in the Village's National Pollution Discharge Elimination System Phase 2 Stormwater Permit.

ANALYSIS: Properly implemented salt handling operations is considered a stormwater best management practice (bmp). The Village owns a salt storage dome located at Public Works. The entrance to the salt dome is open, and therefore potentially exposes the salt to weather elements.

SOLUTION: Purchase and install a salt dome door pursuant to applicable provisions of the Village's Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-044-0055	$0	$0	$0	$7,000	$0	$0	**$7,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$7,000**	**$0**	**$0**	**$7,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$7,000	$0	$0	**$7,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$7,000**	**$0**	**$0**	**$7,000**

Village of Bloomingdale
CIP Project Description

Project #: 397

Title: Lawn Mower #1224-000

Estimated Total Cost: $7,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0063

Category: Equipment - Replacement

Organization Name: Forestry

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Forestry lawn mower purchased in FY01 is anticipated to have reached the end of its useful life.

ANALYSIS: The lawn mower is used as part of the operational needs of the department.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0063	$0	$0	$0	$0	$7,000	$0	**$7,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$7,000**	**$0**	**$7,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$7,000	$0	**$7,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$7,000**	**$0**	**$7,000**

Village of Bloomingdale
CIP Project Description

Project #: 26

Title: GPS Units for PW Vehicles

Estimated Total Cost: $21,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Equipment - New

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Knowing the location public works trucks and equipment during emergency and day-to- day operations improves operational efficiencies.

ANALYSIS: Efficient delivery of village services is essential to maintain cost effectiveness. Knowledge of the location of Village services trucks during both emergency responses and routine operations enables resources to delivered in a timely efficient manner. Truck mounted GPS units would improve management and dispatching of response crews, trucks and equipment during snow and ice response, flood response, water main breaks and normal day-to-day service operations.

SOLUTION: Equip the fleet of twenty one (21) village services public works trucks with GPS units and internet based satellite access software: B&G (2), Forestry (3), Streets (14) and Equipment Maintenance (2).

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$0	$0	$0	$2,000	**$2,000**
01-General Fund	01-04-043-0063	$0	$0	$0	$0	$0	$3,000	**$3,000**
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$14,000	**$14,000**
01-General Fund	01-04-043-0065	$0	$0	$0	$0	$0	$2,000	**$2,000**
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$21,000**	**$21,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$21,000	**$21,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$21,000**	**$21,000**

Village of Bloomingdale
CIP Project Description

Project #: 123

Title: 15,000 lb Capacity Automotive Lift

Estimated Total Cost: $16,000
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works
Organization: 01-04-043-0065
Category: Equipment - Replacement
Organization Name: Equipment Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The 15,000 lb capacity automotive lift is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This lift is used by Equipment Maintenance mechanics to service the Village's automotive, truck and large equipment fleet. An "in-kind" replacement is envisioned.

SOLUTION: Purchase a new 15,000 lb capacity or equal automotive lift pursuant to applicable provisions of the Village's Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0065	$0	$0	$0	$0	$0	$16,000	**$16,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$16,000**	**$16,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$16,000	**$16,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$16,000**	**$16,000**

Village of Bloomingdale
CIP Project Description

Project #: 111

Title: 10,000 lb Capacity Automotive Lift

Estimated Total Cost: $10,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0065

Category: Equipment - Replacement

Organization Name: Equipment Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The 10,000 lb capacity automotive lift is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This lift is used by Equipment Maintenance mechanics to service the village's vehicle and equipment fleet.

SOLUTION: Purchase a new 10,000 lb capacity automotive lift pursuant to applicable provisions of the Village's Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0065	$0	$0	$0	$0	$0	$10,000	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$10,000**	**$10,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$10,000	**$10,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$10,000**	**$10,000**

Village of Bloomingdale
CIP Project Description

Project #: 124

Title: Standing Lawn Mower

Estimated Total Cost: $6,500

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0063

Category: Equipment - Replacement

Organization Name: Forestry

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The stander mower is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The stander mower is assigned to the Forestry Division personnel for in-house grass cutting maintenance operations. Public Works staff recommends an "in-kind" replacement.

SOLUTION: The Village Services Public Works Forestry Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0063	$0	$0	$0	$0	$0	$6,500	**$6,500**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$6,500**	**$6,500**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$6,500	**$6,500**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$6,500**	**$6,500**

Village of Bloomingdale
CIP Project Description

Project #: 13

Title: Springbrook Erosion Control

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-044-0055

Category: Stormwater Collection/Drainage

Organization Name: Stormwater Collection

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Stream embankments on Village property between Circle Avenue and the Medinah-on-the-Lakes subdivision along Springbrook Creek are unstable due to continued erosion.

ANALYSIS: The streambank on this section of Springbrook Creek has been eroding for many years due to a combination of stream bed cut-down, stream velocity at peak flows, type of vegetated cover, intensity of rainfall and in situ soil types. The area appears on the FEMA Floodplain and IDNR Wetlands inventory.

SOLUTION: An engineering consultant would be retained to determine the feasible streambank remediation alternatives, develop plans and specifications and cost estimates, and identify permitting requirements. Scope, amount and timing of implementation to be determined.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-044-0055	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 15

Title: Lake Illini Retention Pond Sediment Removal

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-044-0055

Category: Stormwater Collection/Drainage

Organization Name: Stormwater Collection

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Maintain the design detention capacity of Lake Illini which serves as an integral part of the stormwater management system for the Indian Lakes Subdivision.

ANALYSIS: Storm water runoff into to an urban retention area carries with it both organic and inorganic sediments. When the sediments begin to protrude above the area's normal water elevation, the detention capacity is reduced, potentially causing flooding and water quality could be affected. Overtime the sediments accumulate at the bottom of the lake and if the area is part of a stormwater management system that provides detention to control the release of stormwater, stormwater management can be affected. The Village has four (4) facilities - three retention Facilities at the Bloomingdale Golf Club and one at Leslie Park; and one detention facility at the SW corner of Schick Rd and Hillandale Dr and one east of the Village Hall parking lot. The Lake Illini Association has made inquires, and raised concerns about the water quality of Lake Illini.

SOLUTION: Scope, amount and timing of implementation to be determined.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-044-0055	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 27

Title: OH-Glen Ellyn Road - Ironwood to Carriage Way

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

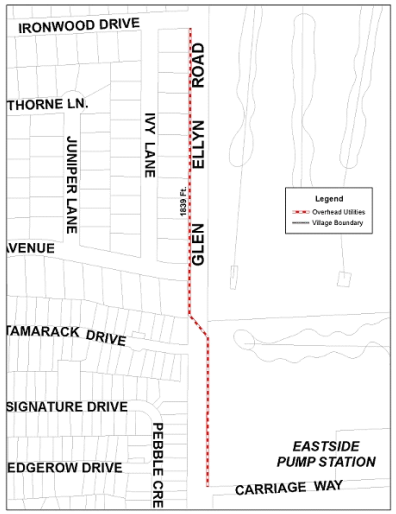
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $1,005,000 to relocate approximately 2,680 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 28

Title: OH-Glen Ellyn Road - Carriage Way to Harvard

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

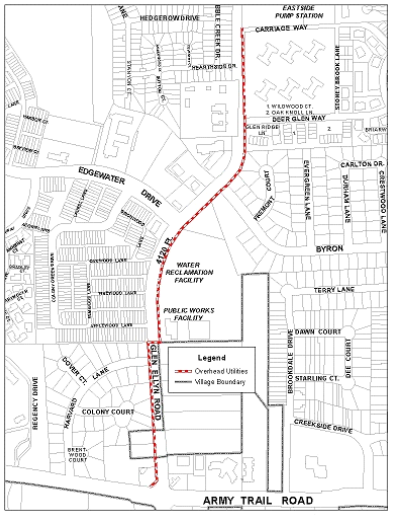
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $1,098,750 to relocate approximately 2,930 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 29

Title: OH-Bloomingdale Road - Greenway to Fairfield Way

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $1,320,000 to relocate approximately 3,520 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	**$0**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	**$0**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Village of Bloomingdale
CIP Project Description

Project #: 30

Title: OH-Bloomingdale Road - Fessler to Picton

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

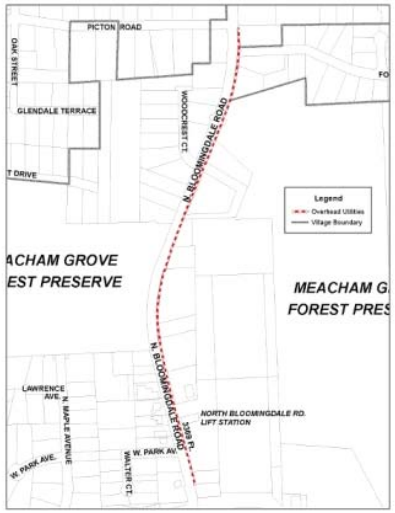
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $1,474,125 to relocate approximately 3,930 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	**$0**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	**$0**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Village of Bloomingdale
CIP Project Description

Project #: 32

Title: OH-Gary Avenue - Lawrence to Foster

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

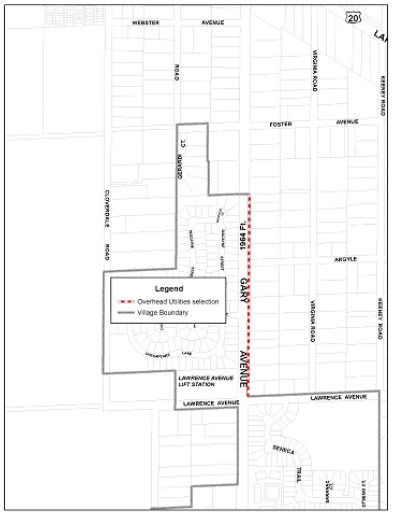
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $768,750 to relocate approximately 2,050 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	**$0**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	**$0**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Village of Bloomingdale
CIP Project Description

Project #: 33

Title: OH-Gary Avenue - 700' South of Foster to Foster

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

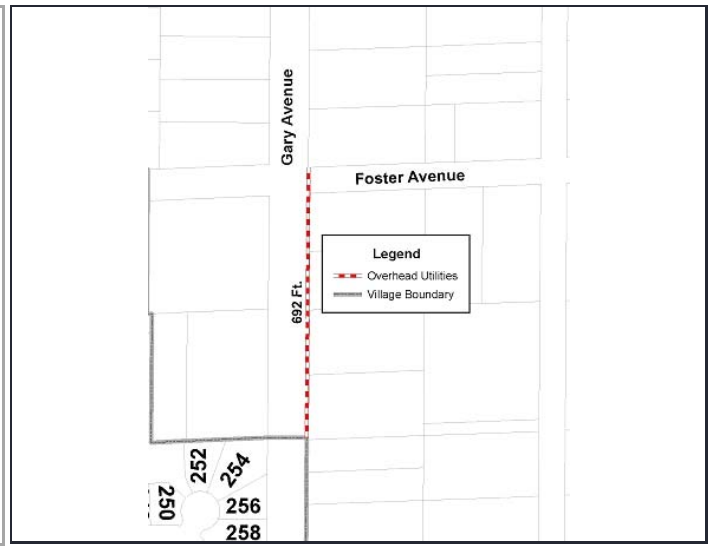
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $262,500 to relocate approximately 700 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 34

Title: OH-Gary Avenue - Lawrence to Meijer N Property Line

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

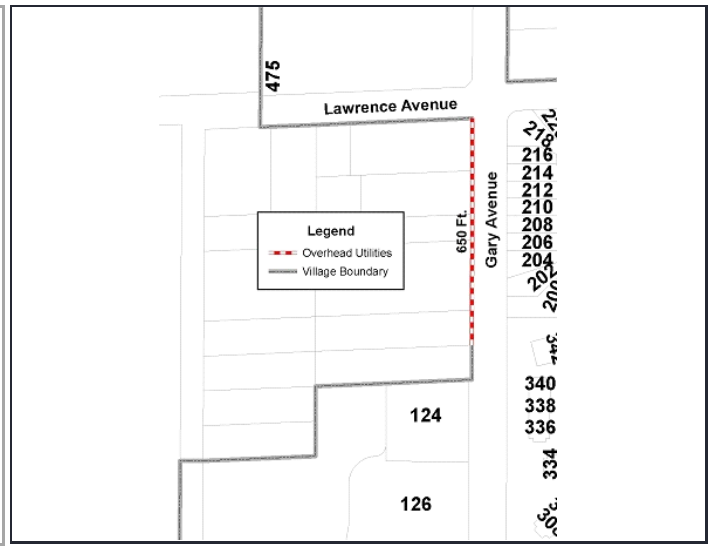
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $318,750 to relocate approximately 850 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 35

Title: OH-Medinah Road - Byron to Lake

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $1,462,500 to relocate approximately 3,900 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 36

Title: OH-Medinah Road - Lake to Spring Valley

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

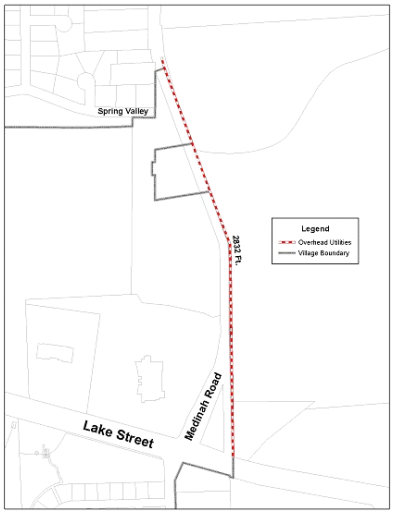
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $1,162,500 to relocate approximately 3,100 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 37

Title: OH-Lawrence Avenue - Gary to Thorn

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $343,125 to relocate approximately 915 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 38

Title: OH-Lawrence Avenue - Wheaton to Springfield

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $1,106,250 to relocate approximately 2,950 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	**$0**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	**$0**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Village of Bloomingdale
CIP Project Description

Project #: 40

Title: OH-Broker Road - Circle to St Francis

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

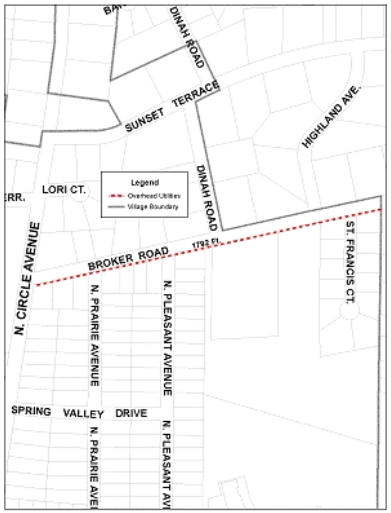
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $702,000 to relocate approximately 1,872 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	**$0**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	**$0**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Village of Bloomingdale
CIP Project Description

Project #: 41

Title: OH-Thorn Road - Corporate Limits to Lawrence

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

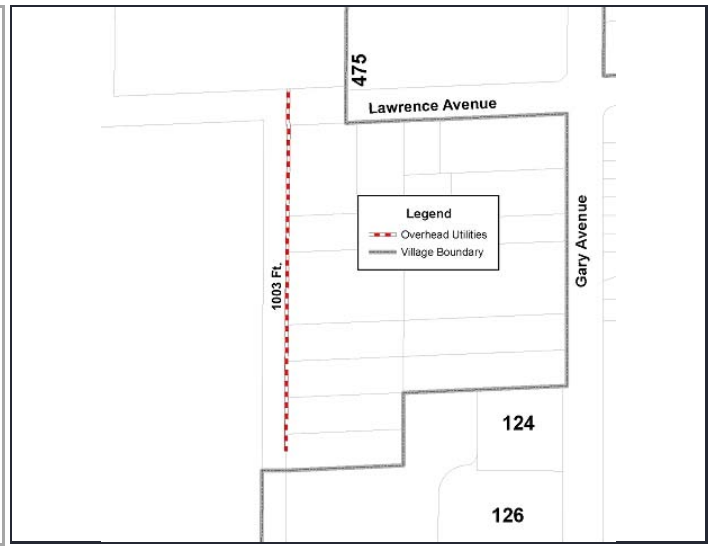
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $356,250 to relocate approximately 950 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 43

Title: OH-Old Gary Road - CNRR to N of Army Trail Road

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0000

Category: Underground OH Utilities

Organization Name: Capital Improvements

Complete: No ◉ Yes: ○

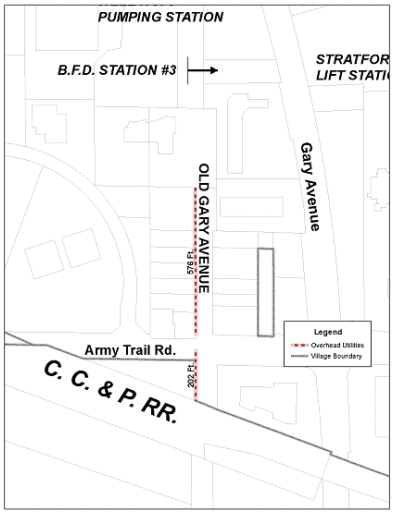
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Roadside overhead telephone, electric and cable television wiring is desired to be placed underground.

ANALYSIS: Placing exposed wiring in an underground system reduces outages due to severe wind, opens up space on and above the surface of the right-of-way for trees and other landscaping, reduces potential hazards for run-off-the-road accidents, and reduces exposer to electro magnetic frequencies (emf).

SOLUTION: Implement a program to relocate the Commonwealth Edison electric cables, ATT telephone cables and Comcast CATV cables to an underground system. An estimated cost of $559,500 to relocate approximately 1,492 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 112

Title: 19' Mobile Scissor Lift Replacement

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Equipment - Replacement

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The mobile scissor lift is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The scissor lift is assigned to the Building and Grounds Division personnel for maintenance operations require high reach applications light bulb changes in the vehicle storage building at Public Works. Staff recommends an "in-kind" replacement.

SOLUTION: The Village Services Public works / Building and Grounds Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 113

Title: VH Security System

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Equipment - Replacement

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Village Hall and Police Department access security system is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The original system was designed based on a threat assessment conducted by the Police Department, the system was installed pursuant to a contract administered by the Police Department, and is operated by the Police Department. Staff recommends an "in-kind" replacement as to function, with enhancements to improve security functions and operation of the system This project is, or should be, included in the VH Renovation project.

SOLUTION: The Police Department would procure a contract to complete the project pursuant to applicable provisions of the Village Procurement Code. The day to day administration of this system is done by the Police Department.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 115

Title: Sign Machine 50-inch Roller Applicator

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The existing sign machine 50-inch roller applicator is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The equipment is assigned to the Streets Division, located in the sign shop at Public Works, and is used in the fabrication of traffic control and street signage. Staff recommends an "in-kind" replacement.

SOLUTION: The Village Services Public Works / Streets Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 116

Title: Automotive Diagnostic Scan Tool

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0065

Category: Equipment - Replacement

Organization Name: Equipment Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The current automotive diagnostic, purchased in FY17, is anticipated to reach the end of its useful life.

ANALYSIS: The scan tool enables diagnosis of automotive engine, transmission, hvac, body control module, anti-lock brakes systems and other systems by retrieving and translating "trouble codes" to enable required system repairs.

SOLUTION: Replace current automotive diagnostic scanner with a similar diagnostic scanner.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0065	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 118

Title: Asphalt Paver

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The asphalt paver is scheduled to be replaced as it is expected to have reached its useful life in approximately 20-years after purchase in 2008.

ANALYSIS: The asphalt paver is assigned to the Streets Division for in-house asphalt maintenance operations. Staff recommends an "in-kind" replacement. The estimated replacement cost would be determined at the time that replacement is required. The original purchase cost was $77,000 in 2008.

SOLUTION: When necessary the Village Services Public Works / Streets Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 119

Title: Self Propelled Asphalt Compactor

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The asphalt compactor is scheduled to be replaced as it is expected to have reached its useful life in approximately 15-years after purchase in 2008.

ANALYSIS: The asphalt compactor is assigned to the Streets Division for in-house asphalt maintenance operations. Staff recommends an "in-kind" replacement. The estimated replacement cost would be determined at the time that replacement is required. The original purchase cost was $31,000 in 2008.

SOLUTION: When necessary the Village Services Public Works / Streets Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 120

Title: Asphalt Paving Trailer

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The T307 asphalt paver trailer is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The equipment is assigned to the Streets Maintenance Division. The equipment is used extensively to transport pavement maintenance equipment used in in-house concrete and asphalt pavement maintenance operations. Public Works staff recommends an "in-kind" replacement.

SOLUTION: The Village Services Public Works Streets Maintenance Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 122

Title: Walk Behind Concrete Scarifier

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 10-inch walk behind concrete scarifier is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The equipment is assigned to the Streets Maintenance Division. The equipment is used extensively in in-house trip hazard maintenance operations. Public Works staff recommends an "in-kind" replacement.

SOLUTION: The Village Services Public Works Streets Maintenance Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 126

Title: Walk Behind Roller

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The DX700E walk behind roller is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The walk behind roller is assigned to the Public Works Streets Maintenance Division. The equipment is used extensively in asphalt pavement maintenance operations. Public Works staff recommends an "in-kind" replacement.

SOLUTION: The Village Services Public Works Streets Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 135

Title: PW Facility Security Automated Access Gate

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Equipment - New

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: No access security measures are provided at the west and central portion of the Public Works Facility (PWF) which includes the access drive from Glen Ellyn Road, the fuel station and the parking/loading area between the Maintenance and Vehicle Storage Buildings.

ANALYSIS: Since the PWF operations is limited to weekdays generally 6:30am to 4:30pm, considering the need for an automated access gate is reasonable to protect this area particularly after hours.

SOLUTION: Engage a fence contractor to install an automated access gate at the PWF pursuant to applicable provisions of the Village's Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 138

Title: Solar Powered LED Speed Advisory System - Springfield Drive

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - New

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Jan, 2015 Start Project: End Project

Description:

ISSUE: Additional low-cost roadway safety enhancements are being evaluated at a curve on northbound Springfield Drive adjacent to Springfield Park to advise motorists to reduce speed.

ANALYSIS: Based on the high frequency of run-off-the-road type accidents, Village Staff has investigated various safety enhancements to target high speed vehicles approaching a curve on Springfield Drive where some motorists have run off the road. Several safety enhancements have been implemented to date. Another possibility is to install a solar powered LED speed advisory message board which will alert motorists of vehicle speed relative to the posted speed limit in advance of the curve allowing time to reduce vehicle speed before the curve. so that run off the road accidents due to high speeds are reduced.

SOLUTION: Purchase and install a pole mounted solar powered LED speed advisory system serving NB Springfield Drive traffic pursuant to applicable provisions of the Village's procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 158

Title: RP-Lake Street Reservoir - Meacham Grove Trail

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0066

Category: Recreational Path

Organization Name: Recreational Path Maintenance

Complete: No ◉ Yes: ○

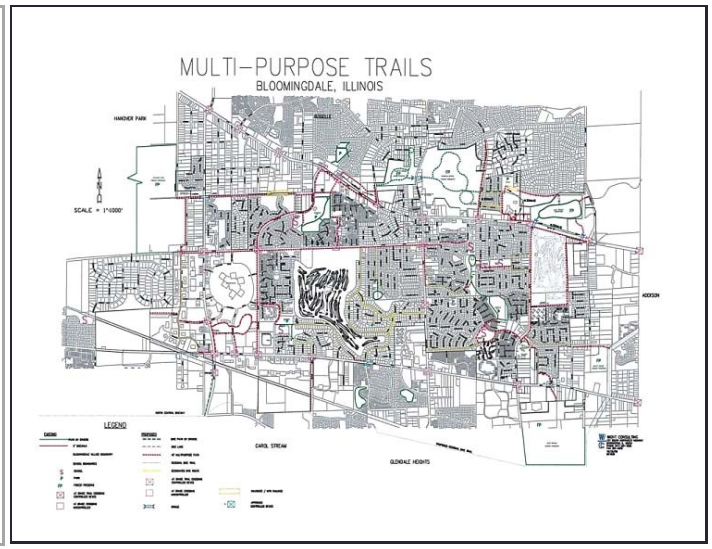
New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** Jan, 2014 **Start Project:** **End Project**

Description:

ISSUE: Deteriorating pavements need to be repaired.

ANALYSIS: The Village inspected the off-road trail pavements annually for planning future repairs. The pavement repair methods are targeted toward the type of defect at the various segments. A repair program is designed when necessary by in-house staff for bidding and repair by contractors. Staff performs the field supervision and construction management of the project.

SOLUTION: Staff conducted an inspection of all trails in the Village network and evaluated various pavement maintenance strategies to maintain the life of the existing trail network. Factors under review and considered include pavement condition, age, composition, drainage characteristics, coordination with other capital improvements, proximity of work areas and other factors. Various pavement strategies are considered for the trails to be repaired to provide economical pavement repairs while working toward maximizing pavement life. Pavement maintenance strategies are coordinated with various Divisions so that resources are focused in an economical fashion. Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 159

Title: RP-Army Trail Road - Cardinal to Meadowlark

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-01-001-0000

Category: Recreational Path

Organization Name: Executive & Legislative

Complete: No ◉ Yes: ○

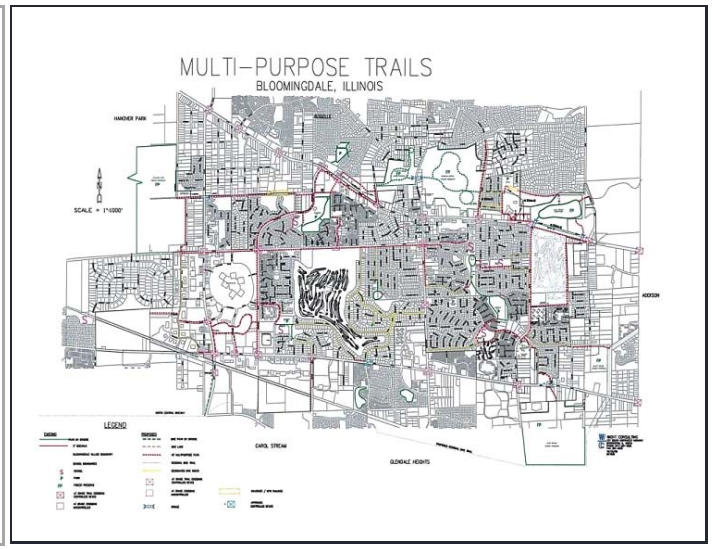
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Continued segment by segment construction of the 1996 Multi-Purpose Trail program.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of Recreational Trails in the Village. The recreational trail plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping centers and others. The recreational trail plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway and the Prairie Path.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-01-001-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 160

Title: RP-Clearbrook Drive

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

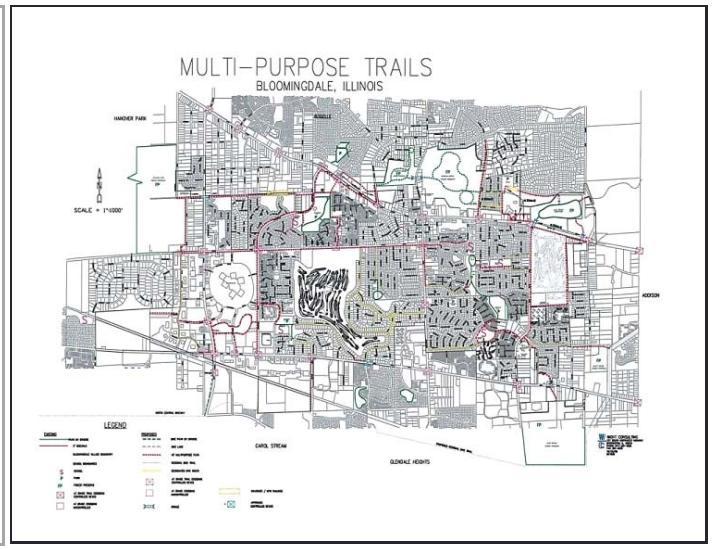
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Continued segment by segment construction of the 1996 Multi-Purpose Trail program.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of Recreational Trails in the Village. The recreational trail plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping centers and others. The recreational trail plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway and the Prairie Path.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 161

Title: RP-Fairfield Way

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

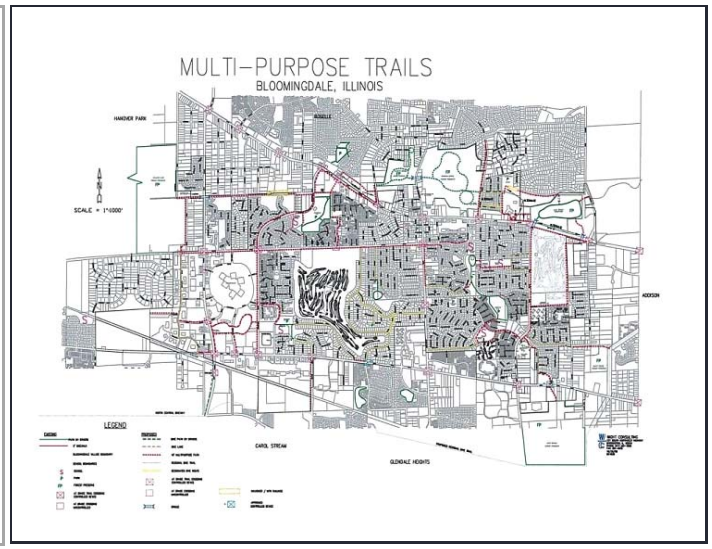
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Continued segment by segment construction of the 1996 Multi-Purpose Trail program.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of Recreational Trails in the Village. The recreational trail plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping centers and others. The recreational trail plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway and the Prairie Path.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 164

Title: RP-Carriage Way - Glen Ellyn to Medinah Grove

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

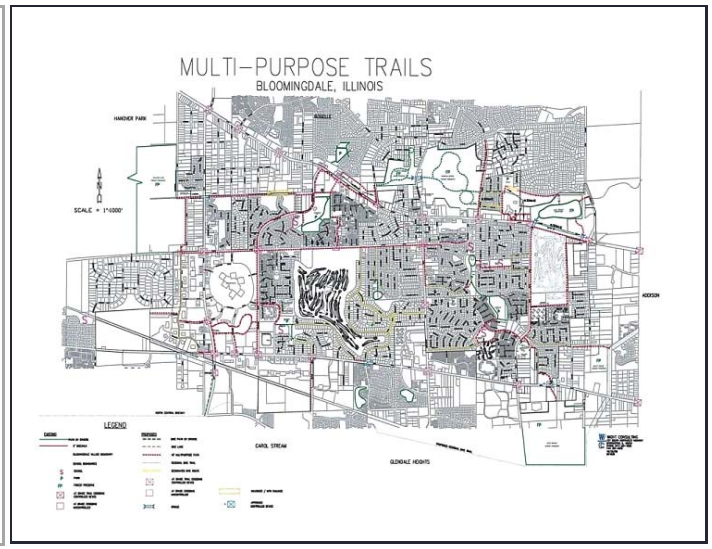
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Continued segment by segment construction of the 1996 Multi-Purpose Trail program.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of Recreational Trails in the Village. The recreational trail plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping centers and others. The recreational trail plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway and the Prairie Path.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 165

Title: RP-Schick Road - Bloomingdale to Cardinal

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

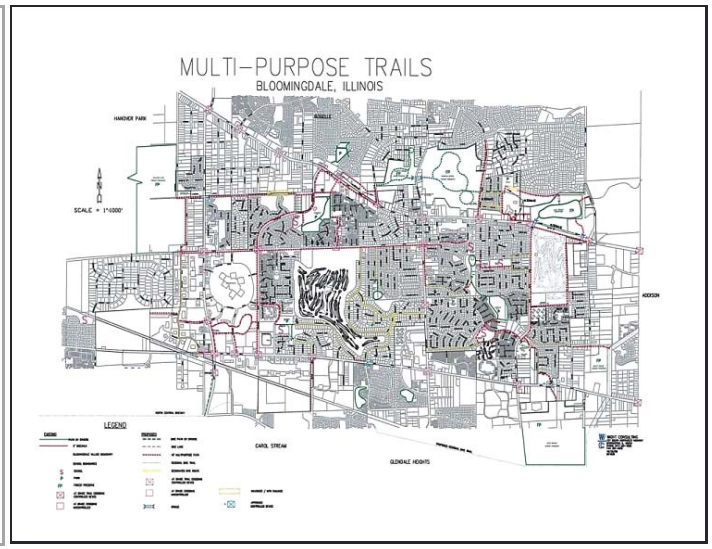
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Segment by segment construction of Recreational Trails to complete the 1996 Village-wide Recreational Trail System.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of recreational trails in the Village. The Recreational Trail Plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping areas, and others. The Recreational Trail Plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway or the Prairie Path. The estimated cost is $278,000 based on 2007 costs.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 166

Title: RP-Schick Road - Cardinal to Los Lagos

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

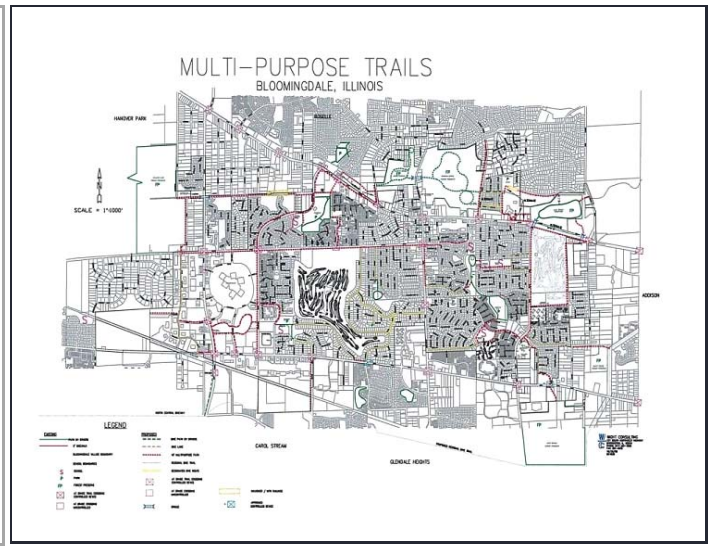
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Segment by segment construction of Recreational Trails to complete the 1996 Village-wide Recreational Trail System.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of recreational trails in the Village. The Recreational Trail Plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping areas, and others. The Recreational Trail Plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway or the Prairie Path. The estimated cost is $207,000 based on 2007 costs.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 167

Title: RP-Schick Road - Los Lagos to Springfield

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

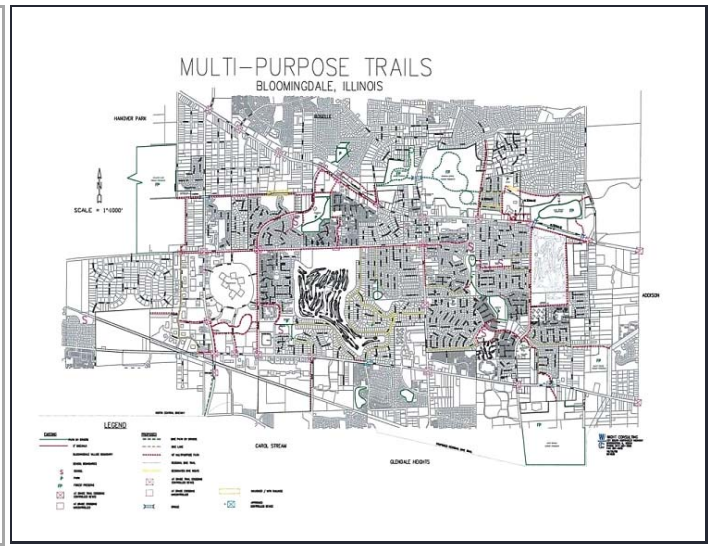
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Segment by segment construction of Recreational Trails to complete the 1996 Village-wide.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of recreational trails in the Village. The Recreational Trail Plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping areas, and others. The Recreational Trail Plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway or the Prairie Path. The estimated cost is $187,000 based on 2007 costs.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 169

Title: RP-DuJardin to Park District

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

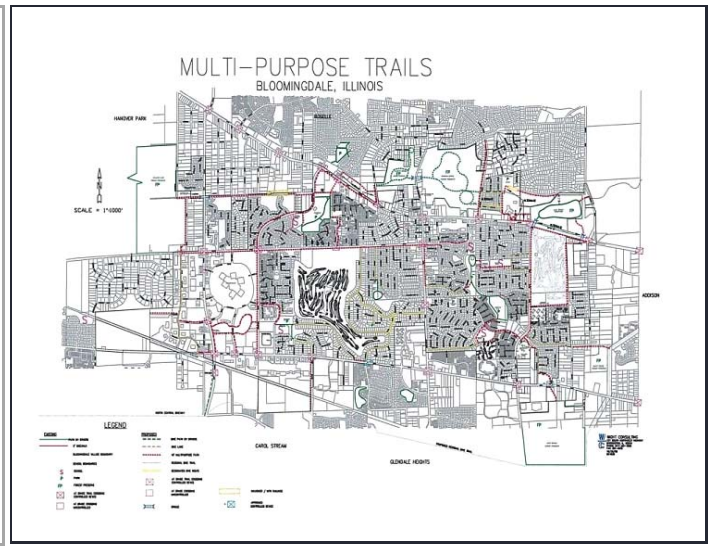
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Continued segment by segment construction of the 1996 Multi-Purpose Trail program.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of Recreational Trails in the Village. The recreational trail plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping centers and others. The recreational trail plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway and the Prairie Path. The estimated cost is $76,000 based on 2007 costs.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 172

Title: RP-Lake Street - William Way to Springfield

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

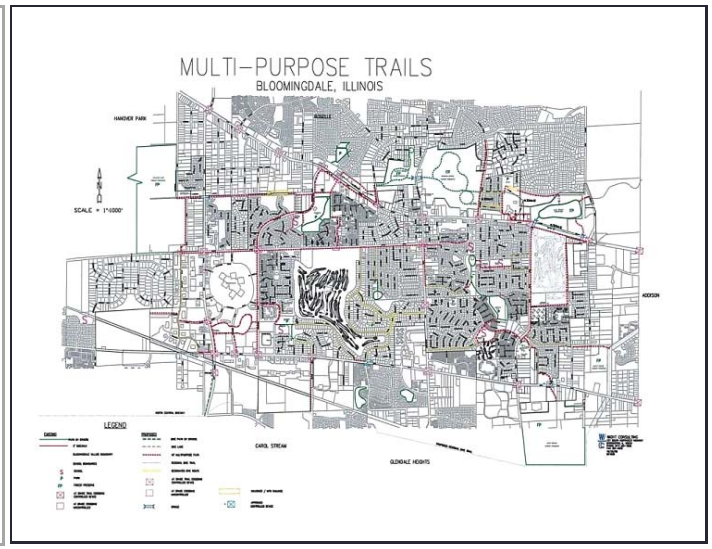
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Segment by segment construction of Recreational Trails to complete the 1996 Village-wide Recreational Trail System.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of recreational trails in the Village. The Recreational Trail Plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping areas, and others. The Recreational Trail Plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway or the Prairie Path. The estimated cost is $198,000 based on 2007 costs.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 173

Title: RP-Gary Avenue - IC RR To Scott

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

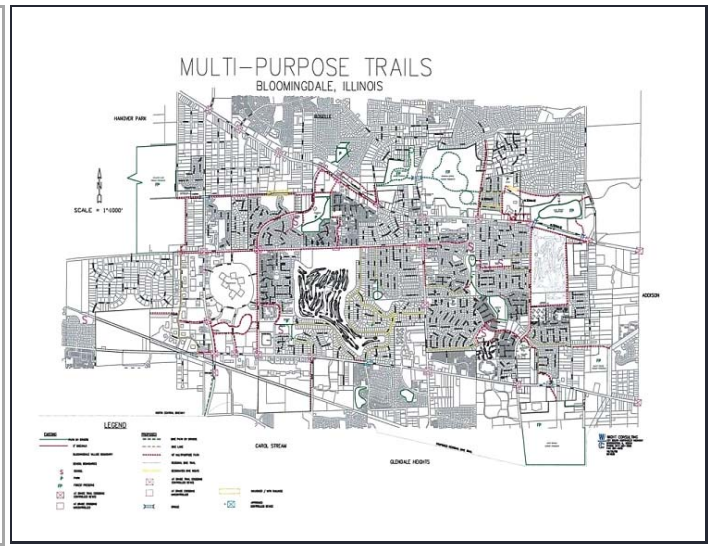
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Segment by segment construction of Recreational Trails to complete the 1996 Village-wide Recreational Trail System.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of recreational trails in the Village. The Recreational Trail Plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping areas, and others. The Recreational Trail Plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway or the Prairie Path. The estimated cost is $202,000 based on 2007 costs.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 174

Title: RP-Schick Road - Los Lagos

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

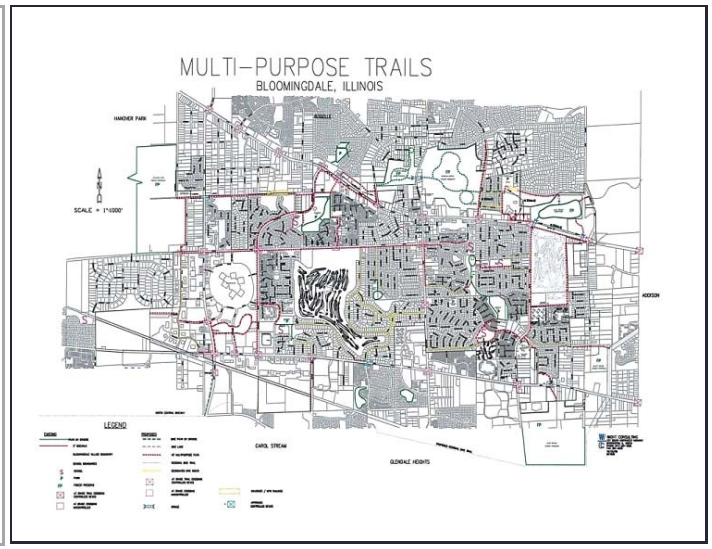
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Segment by segment construction of Recreational Trails to complete the 1996 Village-wide Recreational Trail System.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of recreational trails in the Village. The Recreational Trail Plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping areas, and others. The Recreational Trail Plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway or the Prairie Path. The estimated cost is $60,000 based on 2007 costs.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 175

Title: RP-Springfield Drive - Mall Entrance to Army Trail Road

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Mtce

Complete: No ◉ Yes: ○

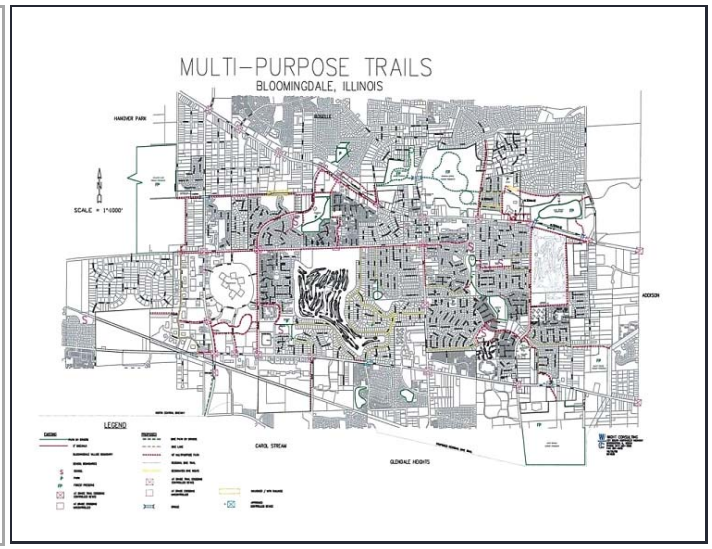
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Continued segment by segment construction of the 1996 Multi-Purpose Trail program.

ANALYSIS: The Village previously completed a Recreational Trail Plan for future construction of Recreational Trails in the Village. The recreational trail plan provided for trail linkages in the community to allow for linkages between various neighborhoods and access to Parks, Forest Preserves, Golf Courses, Village Hall/Police facility, Library, Schools, shopping centers and others. The recreational trail plan allows for interconnection with other trail systems outside of the Village boundaries allowing trail users access to neighboring communities and regional trail systems such as the North Central DuPage Regional Bikeway and the Prairie Path. Project cost is estimated at $356,000 (2007 costs) and recommended to be paid by developer donation when adjacent vacant land is planned for development.

SOLUTION: Scope, cost and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 179

Title: Village-wide Sidewalk Linkages

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Other

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

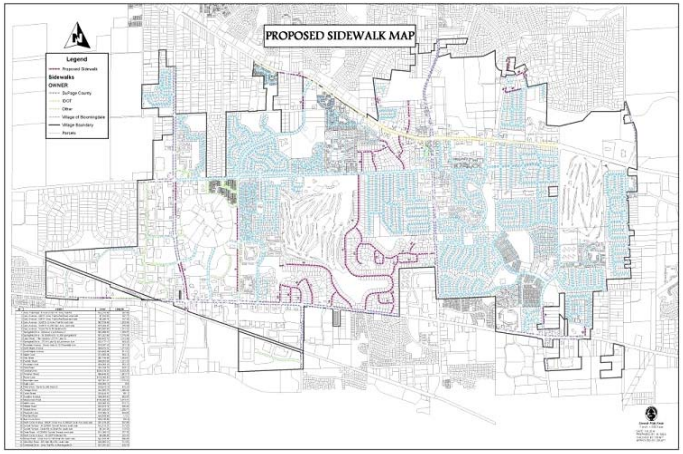
New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Incomplete sidewalk network results in neighborhoods without sidewalk connections to existing sidewalks, pedestrians utilizing the street, or gaps between existing sidewalks.

ANALYSIS: Desirable planning practices for walkable communities should include a complete street network for cars, pedestrians and other users of the right-of-way. The Village sidewalk network contains gaps, which could be closed with a further expansion of sidewalks into underserved neighborhoods or where the sidewalk network is incomplete.

SOLUTION: Implement a program based on neighborhood and pedestrian needs, linkages to other neighborhoods or destinations, and as funding allows. Scope, amount and timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 229

Title: VH Exterior South Retaining Wall

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Other

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The south concrete retaining wall located outside the south village Services entrance is in need of repair due to non-structural cracks of the existing exterior insulation and finishing system (EIFS).

ANALYSIS: Since installation in 1992, the EIFS surface has been "spot-maintained" and repaired, but a more permanent, aesthetically pleasing repair is recommended. The envisioned scope of work entails the removing the EIFS surface, lowering the elevation of the wall along the grade of the sidewalk, installing either and new EIFS or a stone veneer similar to the existing air intake at the west façade of the VH building, repairing existing sidewalks as necessary, and installing a new decorative railing along the length of the wall.

SOLUTION: The envisioned scope of work would be completed in conjunction with the Renovation of Village Hall & Annex.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 234

Title: Traffic Signal Poles - Lake Street

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Other

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** Mar, 2014 **Start Project:** **End Project**

Description:

ISSUE: Existing steel traffic signal poles on Lake Street are deteriorating and structurally unstable between Glen Ellyn Road and Maple Avenue.

ANALYSIS: The Village-owned poles were originally installed in 1999 in conjunction with IDOT's Lake Street road widening project. A structural engineer investigated each pole and found that the corrosion of the steel has significantly impacted the structural integrity and remaining useful life of the pole.

SOLUTION: The Village will procure the purchase of new poles in accordance with provisions of the Village's Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 265

Title: Clearbrook Drive - Drainage Ditch Enclosure

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-044-0055

Category: Stormwater Collection/Drainage

Organization Name: Stormwater Collection

Complete: No ◉ Yes: ○

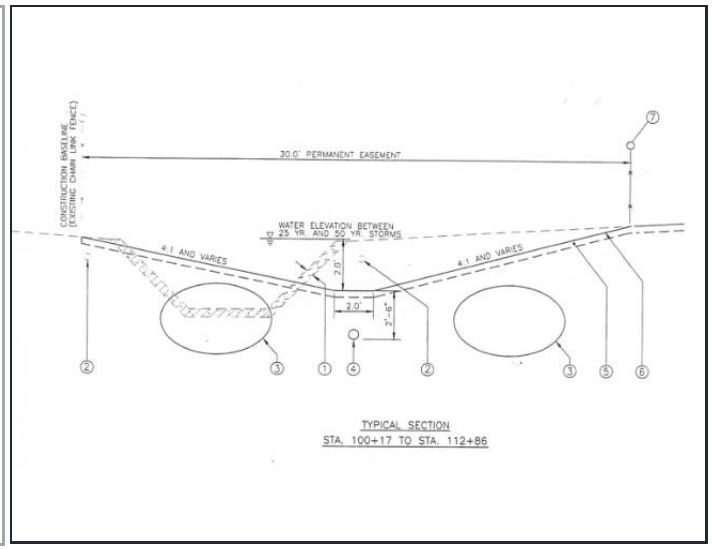
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The existing approximately 40 year old 490 LF PCC drainage channel along Clearbrook Lane has aged and requires improvement to maintain its usefulness and longevity, to add safety for both the residents and for the users of the adjacent playground, and to overhaul its overall aesthetic appearance.

ANALYSIS: Other sections of the same channel adjacent to the school and park have been effectively enclosed resulting in usefulness and longevity improvements, safety benefits and appreciated aesthetics in those respective areas. The same type of project would benefit to the neighborhood adjacent to this channel. Estimated cost is $350,000.

SOLUTION: The Village Services Engineering Division would develop a program to mirror the previous drainage ditch enclosure projects. The Division would: engage engineering design services to develop construction plans, specifications and estimates; secure necessary permits; publish legal notice and bid the construction work; and provide construction inspection and administration. Timing of implementation TBD.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-044-0055	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 268

Title: Willowbrook Drive Culvert Replacement

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-044-0055

Category: Stormwater Collection/Drainage

Organization Name: Stormwater Collection

Complete: No ◉ Yes: ○

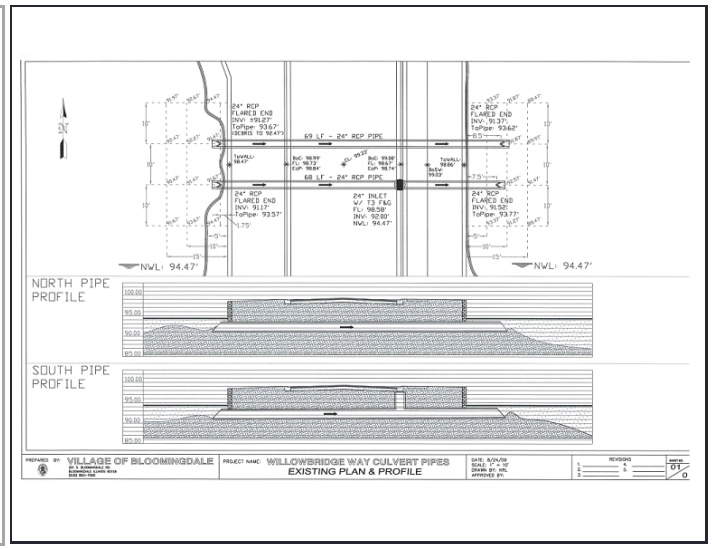
New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Deteriorated pipes under the roadway connecting two (2) retention ponds are aged and need to be renovated.

ANALYSIS: Various methods to restore the structural integrity of the pipes will be studied to determine a cost-effective solution. The Village Engineering staff would lead on the study to evaluate possible repairs and/or replacement.

SOLUTION: After a solution has been determined, Engineering Staff would prepare plans to be let for bid. Engineering staff would evaluate various proposals and after recommendation of a contract, the Engineering staff would oversee the construction of the improvement. Estimated cost is $150,000.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-044-0055	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 274

Title: Tire Machine

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0065

Category: Equipment - Replacement

Organization Name: Equipment Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The tire machine is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This equipment is used by Equipment Maintenance mechanics to service the Village's automotive and truck fleet. An "in-kind" replacement is envisioned.

SOLUTION: Purchase a new tire machine pursuant to applicable provisions of the Village's Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0065	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 282

Title: New Salt Storage

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Other

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** Apr, 2016 **Start Project:** **End Project**

Description:

ISSUE: Over the past several years the Streets Maintenance division has encountered an unstable "bulk rock" salt supply chain that is struggling to deliver a reliable supply of deicing material for the region. Output limitations, frozen rivers and simple supply/demand economics has led to difficulties in securing the State bid quantities, which also caused difficulty for "early fill" deliveries at the start of the season, and obtaining enough material at the end of the season for preparation for the next season.

ANALYSIS: Current practices use approximately 1,600 to 2,300 tons per season and the storage capability of the existing salt storage building is 1,600 to 1,800 tons. Given the recent issues with securing State contract for bulk rock salt, it would benefit the Village's snow and ice control program to increase salt storage capabilities – ensuring a season's supply is on hand prior to the beginning of winter. This project is included with the PW Expansion project.

SOLUTION: The Village services Street Maintenance Division will investigate and develop a program to achieve optimal storage of "bulk rock salt."

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 311

Title: 1993 Ford New Holland Skidsteer Unit #785

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 1993 Ford New Holland Skidsteer Unit #785 is anticipated to have reached its useful life.

ANALYSIS: The skidsteer is assigned to Streets Maintenance. The skidsteer is used to complete a variety of loading, and material moving functions to complete at types of streets maintenance.

SOLUTION: Village staff will procure an "in-kind" replacement pursuant to applicable provisions of the Village Procurement Code. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 320

Title: Utility Trailer

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - New

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The demand for bringing equipment, such as skidsteers, to work sites is increasing to the pint of requiring a new utility trailer.

ANALYSIS: The equipment would be assigned to the Streets Maintenance Division. The equipment is used extensively to transport pavement maintenance and other equipment used for in-house concrete and asphalt pavement maintenance operations.

SOLUTION: The Village Services Public Works Streets Maintenance Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 321

Title: Hydraulic Truck Mounted Material Spreader/Conveyor

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The existing equipment is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The equipment is assigned to the Streets Maintenance Division. The equipment is used extensively in material handling during various maintenance operations. Public Works staff recommends an "in-kind" replacement.

SOLUTION: The Village Services Public Works Streets Maintenance Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 322

Title: 5,000 gallon Chemical Tank

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The 5,000 gallon chemical tank (Calcium Chloride System) is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The tank equipment is assigned to the Streets Maintenance Division and used to store liquid calcium chloride for application during deicing operations. Public Works staff recommends an "in-kind" replacement.

SOLUTION: The Village Services Public Works Streets Maintenance Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 323

Title: Paint/Stain Sprayer

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - New

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The equipment is used to apply protective coatings to recreational path bridge decks and railings and fences; and to apply certain types of pavement marking materials.

ANALYSIS: The equipment would be assigned to the Streets Maintenance Division. The equipment would be used extensively for in-house maintenance operations.

SOLUTION: The Village Services Public Works Streets Maintenance Division will procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 325

Title: Street Light Installation End of Fairfield Court

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - New

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

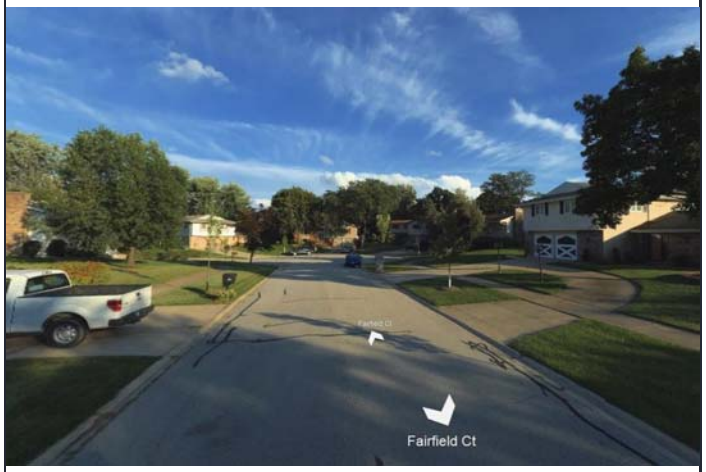
New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: It is desirable for street lighting to be placed at the end of Fairfield Court.

ANALYSIS: Residents in the neighboring subdivision, and pedestrians have raised safety concerns with this "dark" intersection.

SOLUTION: Install a street light at the end of Fairfield Court. Staff will prepare plans and specifications to let a project for bid to install a street light at this intersection. Staff will coordinate the electric service installation for the street light with Commonwealth Edison Company. After bids are awarded, staff will provide construction management and contractor supervision for the project.
This program has been deferred due to lack of resident support.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 338

Title: 2012 F350 Truck Vehicle Replacement #412

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0063

Category: Vehicle - Replacement

Organization Name: Forestry

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2012 pick-up truck, vehicle #412, is anticipated to have reached its useful life.

ANALYSIS: The Vehicle is used by Forestry as part of their daily operations.

SOLUTION: Village staff will procure the vehicle pursuant to applicable provisions of the Village Purchasing Code. It is anticipated that the new truck will eliminate costly future maintenance expenses due to the number of miles driven and age of the existing vehicle. Fuel savings may also be realized as new vehicles typically are more fuel efficient than the older model vehicle replaced.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0063	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 339

Title: 2012 Truck F-350 Vehicle Replacement #312

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Vehicle - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2012 pick-up truck, vehicle #312, is anticipated to have reached its useful life.

ANALYSIS: The Vehicle is used by Streets as part of their daily operations.

SOLUTION: Village staff will procure the vehicle pursuant to applicable provisions of the Village Purchasing Code. It is anticipated that the new truck will eliminate costly future maintenance expenses due to the number of miles driven and age of the existing vehicle. Fuel savings may also be realized as new vehicles typically are more fuel efficient than the older model vehicle replaced.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 340

Title: 2014 F250 Truck Vehicle Replacement #114

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Vehicle - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2014 pick-up truck, vehicle #114, is anticipated to have reached its useful life.

ANALYSIS: The Vehicle is used by Forestry as part of their daily operations.

SOLUTION: Village staff will procure the vehicle pursuant to applicable provisions of the Village Purchasing Code. It is anticipated that the new truck will eliminate costly future maintenance expenses due to the number of miles driven and age of the existing vehicle. Fuel savings may also be realized as new vehicles typically are more fuel efficient than the older model vehicle replaced.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 341

Title: 2012 Manlift Truck Vehicle #112

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Vehicle #112, a 2012 International Manlift Truck and is expected to have reached its useful life.

ANALYSIS: It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing vehicle. Fuel savings may also be realized as new vehicle models typically are more fuel efficient.

SOLUTION: Village Services will purchase the replacement in accordance with applicable provisions of the Village's procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 351

Title: Fleet Analysis CFA Software

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0065

Category: Equipment - Replacement

Organization Name: Equipment Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Village's Fleet Analysis Software obtained in FY13 and FY14 is anticipated to reach the end of its useful life.

ANALYSIS: The equipment is used to manage fleet maintenance operations.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code. No impact to operating costs is expected.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0065	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 390

Title: Mini Message Board #1

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Mini Message Board purchased in FY10 is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This device is used in operations at the Village Streets Department.

SOLUTION: The Village will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 391

Title: Modular Workstation (2)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Equipment - Replacement

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The modular workstations purchased in FY98 are anticipated to have reached the end of their useful life.

ANALYSIS: The equipment is used as part of the operational needs of the department.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 392

Title: Brake Lathe

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0065

Category: Equipment - Replacement

Organization Name: Equipment Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Brake Lathe purchased in FY92 is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This device is used in operations at the Village Equipment Maintenance Department.

SOLUTION: The Village will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0065	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 393

Title: Cold Planner

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The cold planner purchased in FY98 is anticipated to have reached the end of its useful life.

ANALYSIS: The cold planner is used as part of the operational needs of the department.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 394

Title: Spray Cabinet

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0065

Category: Equipment - Replacement

Organization Name: Equipment Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Spray Cabinet purchased in FY00 is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This device is used in operations at the Village Equipment Maintenance Department.

SOLUTION: The Village will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0065	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 396

Title: Treekeeper Software

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0063

Category: Equipment - Replacement

Organization Name: Forestry

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Davey Resource Group Treekeeper software purchased in FY99 is anticipated to have reached the end of its useful life.

ANALYSIS: The Treekeeper software is used as part of the operational needs of the department.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0063	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 398

Title: Compressor

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0064

Category: Equipment - Replacement

Organization Name: Streets Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The compressor purchased in FY88 is anticipated to have reached the end of its useful life.

ANALYSIS: The compressor is used as part of the operations of the department.

SOLUTION: Village staff will procure the new replacement equipment pursuant to applicable provisions of the Village Procurement Code. No operating savings are anticipated from the purchase.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0064	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 449

Title: Public Work Facility Gate Replacement

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0058

Category: Other

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The gate that separates the public access drive from the vehicle storage facility/material bins has deteriorated.

ANALYSIS: The manually operated gate, installed in 1992, has weathered and deteriorated over time, making manually operations difficult.

SOLUTION: Solicit bids to remove/replace existing gate with upgraded electric gate. The scope and timing of this project are TBD.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 458

Title: Transmission Fluid Exchange Machine

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0065

Category: Equipment - New

Organization Name: Equipment Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Village does not have a machine to easily change transmission fluid on vehicles and equipment.

ANALYSIS: The purchase of a new machine will allow for the simultaneous removal of old transmission fluid and addition of new transmission fluid. This simultaneous exchange results in no intermixing of new and old fluids, meaning that the new fluid will last significantly longer than traditional methods. The use of this machine will also allow this work to be done easier and quicker.

SOLUTION: The machine will be procured in accordance with the Village' s Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0065	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 494

Title: Levitt Pond Aerator (Leslie Park)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-044-0055

Category: Equipment - Replacement

Organization Name: Stormwater Collection

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The aerator at Levitt Pond, located at Leslie Park, requires replacement.

ANALYSIS: The Levitt Pond retention basin collects runoff from surround subdivisions including Longridge, West Pointe Estates and Indian Lakes. The Village maintains both the pond and the storm sewer lift station that drains it. To reduce algae growth, and promote a healthy ecosystem, and aerator is installed each spring, being operated until early October. Having been originally installed in FY15 at a cost of $5,823.00 The aerator is expected to reach its useful life in FY30. An "in-kind" replacement is recommended.

SOLUTION: The Utilities Division would purchase a replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-044-0055	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 497

Title: 2017 Ford 250 Pickup Truck

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 01-04-043-0065

Category: Vehicle - Replacement

Organization Name: Equipment Maintenance

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The 2017 pickup truck, #717, is anticipated to have reached it's useful life.

ANALYSIS: This vehicle is used by Equipment Maintenance Staff for daily and emergency on-the-road vehicle and equipment repairs.

SOLUTION: Village staff will procure the vehicle pursuant to applicable provisions of the Village procurement code

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-04-043-0065	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 474

Title: WRF Grit-Screening Removal Facility

Estimated Total Cost: $5,500,000
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works **Organization:** 40-04-044-0056

Category: Sewer - Water Reclamation Facili **Organization Name:** Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** May, 2018 **End Project**

Description:

ISSUE: The WRF's ability to remove grit and screenings demands continuous operational attention and maintenance demands caused by excessive grit and screenings. Compliance with existing and future treatment systems discharge requirements of the Village's NPDES permit must be maintained.

ANALYSIS: An upgrade of the grit screening removal equipment is estimated at $6.23 million and consists primarily of screenings and grit removal within the flow train. The upgrade will addressing the continual operational and maintenance issues to assist in the pending treatment requirements to satisfy NPDES effluent standards. The preliminary project costs are: Design-$305,000; Construction Eng.-$470,000; Construction-$5,460,000.

SOLUTION: Begin design engineering in FY19 for improvements necessary to comply with development demands for treatment system operations, capacity and discharge requirements pursuant to the Village's NPDES permit requirements. Construction to begin FY20

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$305,000	$415,000	$0	$0	$0	**$720,000**
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$4,780,000	$0	$0	$0	**$4,780,000**
								$0
								$0
								$0
TOTAL		**$0**	**$305,000**	**$5,195,000**	**$0**	**$0**	**$0**	**$5,500,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$305,000	$5,195,000	$0	$0	$0	**$5,500,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$305,000**	**$5,195,000**	**$0**	**$0**	**$0**	**$5,500,000**

Village of Bloomingdale
CIP Project Description

Project #: 186

Title: Additional Alternative Back-up Electrical Power Sources

Estimated Total Cost: $200,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

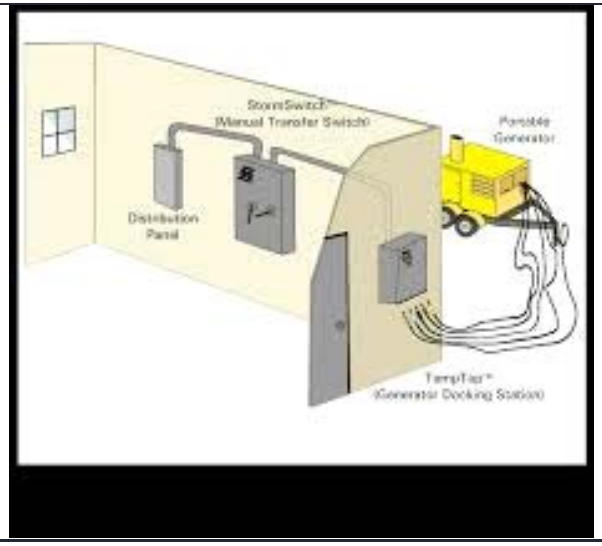
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** Apr, 2015 **Start Project:** **End Project**

Description:

ISSUE: Having multiple, alternative electrical power sources to operate equipment when either or both of the existing primary power service feeds are interrupted.

ANALYSIS: Two (2) primary power electrical grids/feeds deliver electric power to the WRF. In the event of an interruption to one electrical service feed, an automatic throw over (ATO) device switches the electrical power to the other feed. Occasionally service interruptions to both of the electrical grid service feeds has occurred and when the duration of the interruption is excessive the facility operation failures will potentially cause sanitary sewer back-ups, treatment system failure, and non-compliant discharges to the East Branch of the DuPage River potentially violating the Village's NPDES operating permit.

SOLUTION: Provide additional, alternative electrical power to operate equipment and sustain processes. This entails the installation of electric connections, components and ATO switches to enable either permanent or portable electrical generators to be connected to equipment such as influent pumping facilities, aeration system blower facilities, and SCADA and control systems.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$200,000	$0	$0	$0	$0	**$200,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$200,000**	**$0**	**$0**	**$0**	**$0**	**$200,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$200,000	$0	$0	$0	$0	**$200,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$200,000**	**$0**	**$0**	**$0**	**$0**	**$200,000**

Village of Bloomingdale
CIP Project Description

Project #: 193

Title: SCADA for Filter Process

Estimated Total Cost: $130,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The current Filter process SCADA is a stand alone system not interfaced with the current SCADA system serving the rest of the WRF. The current configuration makes filter operations cumbersome particular during critical operations periods such as excess flow during wet weather.

ANALYSIS: Replacing the current filter process SCADA system equipment and operating software, and integrating into the existing WRF SCADA system while sustaining compliance with the Village's NPDES operating permit. The work consists of replacing and upgrading servers, programmable controllers, ethernet connections, input/output devices and operating software, and expanding the SCADA operating systems and alarms to included the existing 6 tertiary filters, and the chlorination/dechlorination system.

SOLUTION: The WRF Staff would develop a scope of work, and pursuant to applicable provisions of the Village Procurement Code, engage a contractor to complete the work.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$130,000	$0	$0	$0	$0	**$130,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$130,000**	**$0**	**$0**	**$0**	**$0**	**$130,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$130,000	$0	$0	$0	$0	**$130,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$130,000**	**$0**	**$0**	**$0**	**$0**	**$130,000**

Village of Bloomingdale
CIP Project Description

Project #: 525

Title: Bloomingdale Rd Lift Station-Control Cabinet

Estimated Total Cost: $75,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The existing electrical control cabinet and componets were originally installed in 1993 and have reached the end of their useful life.

ANALYSIS: A new larger stainleess steel cabinet will repace the existing cabinet to accommodate the increated number of electrical componets, instrumentation and communication equipment that has been needed to be installed since original contruction.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$75,000	$0	$0	$0	$0	**$75,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$75,000**	**$0**	**$0**	**$0**	**$0**	**$75,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$75,000	$0	$0	$0	$0	**$75,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$75,000**	**$0**	**$0**	**$0**	**$0**	**$75,000**

Village of Bloomingdale
CIP Project Description

Project #: 293

Title: Grit Removal

Estimated Total Cost: $210,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Water Reclamation Facility currently does not have preliminary grit removal. Because of this, periodic removal of grit needs to be completed on the two (2) secondary treatment and four (4) digester tanks.

ANALYSIS: Grit is generally solid, non-soluble, non-bio-degradable material suspended in the wastewater received at the Reclamation Facility. Grit includes sand, gravel, cinder, eggshells, bone chips, seeds, coffee grounds, large organic particles such as food waste, or other heavy solid materials. Removing grit prevents abrasion of mechanical equipment. Grit deposits in treatment processes adversely effects treatment processes efficiencies. Grit build-up in the aeration tanks and digester tanks negatively affects the aeration diffuser systems' ability to efficiently disburse dissolved oxygen into the tanks to support these biological treatment processes. The recurrence of grit removal is 10 years for the aeration tanks and 8 years for the digester tanks.

SOLUTION: Village staff will engage an independent contractor to completed the required scope of work pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$70,000	$70,000	$70,000	$0	$0	**$210,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$70,000**	**$70,000**	**$70,000**	**$0**	**$0**	**$210,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$70,000	$70,000	$70,000	$0	$0	**$210,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$70,000**	**$70,000**	**$70,000**	**$0**	**$0**	**$210,000**

Village of Bloomingdale
CIP Project Description

Project #: 238

Title: Fire Hydrant Replacement Program

Estimated Total Cost: $335,000
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works
Organization: 40-04-044-0052

Category: Water - Distribution System
Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Appurtenances such as fire hydrants in the aging water distribution system, even with regular maintenance, will eventually be required to be replaced.

ANALYSIS: The provides for the contractual replacement of fire hydrants where necessary. The department contracts services to replace 9 to 12 hydrants annually of nearly 1,700 in operation system wide. Future hydrant replacement programs will be increased to $100,000 in order to replace 20 fire hydrants annually. This program will target approximately 490 hydrants that were installed between 1957 and 1991, which are a manufacturer / model that tends to seize or break and is not able to be repaired once the stem has broken. While the division regularly replaces hydrants using in-house resources, this program addresses hydrant replacements beyond the base capacity or capabilities of in-house resources, or focuses on the systematic replacement of older model hydrants by 2040.

SOLUTION: Annually the Utilities Distribution Division would identify hydrants requiring replacement, prepare bid documents and specifications, solicit bids pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$45,000	$45,000	$45,000	$100,000	$100,000	**$335,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$45,000**	**$45,000**	**$45,000**	**$100,000**	**$100,000**	**$335,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$45,000	$45,000	$45,000	$100,000	$100,000	**$335,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$45,000**	**$45,000**	**$45,000**	**$100,000**	**$100,000**	**$335,000**

Village of Bloomingdale
CIP Project Description

Project #: 237

Title: Main Line Water Valve Replacement Program

Estimated Total Cost: $220,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The aging water distribution system requires regular upkeep and replacement. The Main Line Water Valve Replacement Program provides funds for contractor replacement or addition of water main valves where determined necessary by the Utilities Distribution Division.

ANALYSIS: The department contracts services to replace 6 to 12 valves annually of nearly 2,000 in operation system wide. Valves designated for replacement typically no longer seal completely which prohibits full water main isolations during shutdowns for repairs. When valves fail to provide a complete shut down, additional valves must be used increasing the service interruption area. Valves targeted for replacement are identified by Staff during routine maintenance operations, exercising, and emergency repairs. The contract scope of work includes restoration of the excavation site.

SOLUTION: Annually the Utilities Distribution Division would identify valves requiring replacement, prepare bid documents and specifications, and solicit bids qualified underground utility contractors pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$40,000	$45,000	$45,000	$45,000	$45,000	**$220,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$40,000**	**$45,000**	**$45,000**	**$45,000**	**$45,000**	**$220,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$40,000	$45,000	$45,000	$45,000	$45,000	**$220,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$40,000**	**$45,000**	**$45,000**	**$45,000**	**$45,000**	**$220,000**

Village of Bloomingdale
CIP Project Description

Project #: 285

Title: Sanitary Sewer Wye & Manhole Sealing

Estimated Total Cost: $200,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

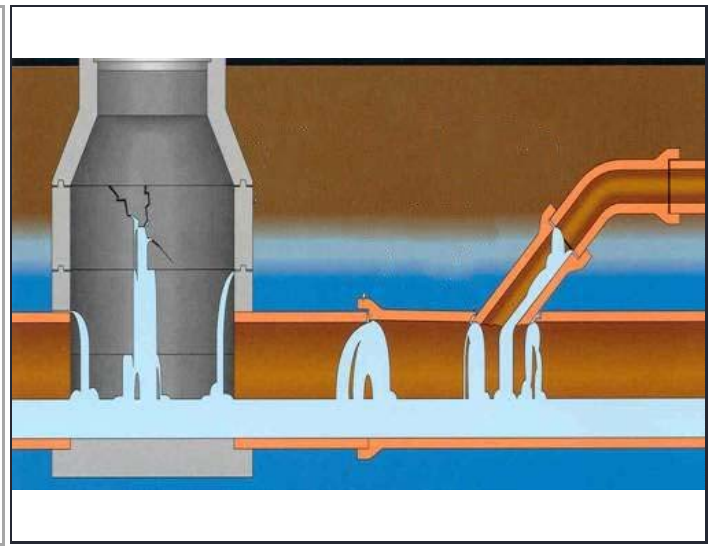
New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Village Services Department maintains approximately 82 miles of sanitary sewer main with manholes and service connections throughout the system. The department monitors the system for sources of infiltration and inflow that result in higher processing and treatment costs.

ANALYSIS: The department has identified break-in connections for private sanitary sewer services and joints in manholes as sources of infiltration and inflow.

SOLUTION: Sanitary sewer wye and manhole sealing is a cost effective way to reduce infiltration and inflow using trenchless technologies such as grouting, skim coating, and lining. The department will develop a program of addressing these sources of infiltration and inflow using contractual resources.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$40,000	$40,000	$40,000	$40,000	$40,000	**$200,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$40,000**	**$40,000**	**$40,000**	**$40,000**	**$40,000**	**$200,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$40,000	$40,000	$40,000	$40,000	$40,000	**$200,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$40,000**	**$40,000**	**$40,000**	**$40,000**	**$40,000**	**$200,000**

Village of Bloomingdale
CIP Project Description

Project #: 291

Title: Gary Ave Station #8 replace 200HP with 60HP pump

Estimated Total Cost: $38,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** Apr, 2018 **Start Project:** Jun, 2018 **End Project** Jun, 2018

Description:

ISSUE: Replace the existing 200 hp pump and control equipment with a 60 hp pump located at Gary Avenue Station #8.

ANALYSIS: The pumping equipment at Station #8 was installed in 1979 consists of one (1) 60 horse power (hp) pump for average daily demands and one (1) 200 hp pump, which operates during high water demands. The pumps draw water from two ground storage tanks and pump the water into the distribution system. For several reasons, the 200 hp is oversized to meet any demands. Therefore only the 60 hp pump is available to meet all demands in all conditions. In the event the 60 hp needs to be repaired or rebuilt, the 200 hp can not be used, and the station is isolated until the 60 hp is repaired, which disrupts water system operations and causes potential water quality concerns. Downsizing the 200hp pump to 60hp will allow alternating operation of two pumps at this location to more effectively utilize the equipment.

SOLUTION: After determining the manner in which to proceed, Village staff will solicit bids for this project to remove and replace all pumping equipment and electrical components.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$38,000	$0	$0	$0	$0	**$38,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$38,000**	**$0**	**$0**	**$0**	**$0**	**$38,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$38,000	$0	$0	$0	$0	**$38,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$38,000**	**$0**	**$0**	**$0**	**$0**	**$38,000**

Village of Bloomingdale
CIP Project Description

Project #: 348

Title: Water Quality Improvement Assessment (DRSCW)

Estimated Total Cost: $282,315
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works
Organization: 40-04-044-0056
Category: Sewer - Water Reclamation Facili
Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Deferring capital and operational cost of IEPA NDPES permit required phosphorous removal at the WRF in exchange for participating in DRSCW (DuPage River Salt Creek Watershed Workgroup) targeted watershed-based water quality improvement projects to address identified impairments.

ANALYSIS: The IEPA, environmental advocacy groups, publicly owned treatment works (POTW) agencies, and other government agencies form the membership of this not-for-profit workgroup. The DRSCW targets watershed-based solutions to improve impaired water quality. The DRSCW has initiated in-stream monitoring in the titled watersheds to identify stressors and pollutants affecting water quality, and has also identified for implementation targeted watershed based capital improvements projects envisioned to improve water quality and upgrade stream uses designations. Funding sources include a combination of environmental grants, "local share" WRF member project assessments and other contributions. Beginning in FY15, and over the next seven fiscal years, the DRSCW will commence assessing its membership an annually increasing contribution to a "local share" fund that will assist with funding watershed water quality capital improvements beyond those funds provided from grants, or other sources. The DRSCW has been negotiating an NPDES permit Special condition which would defer capital and operation expenses at the

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$34,345	$56,935	$58,645	$60,410	$62,215	**$272,550**
40-Water & Sewer Fund	40-04-044-0056	$0	$1,840	$1,895	$1,950	$2,010	$2,070	**$9,765**
								$0
								$0
								$0
TOTAL		**$0**	**$36,185**	**$58,830**	**$60,595**	**$62,420**	**$64,285**	**$282,315**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$36,185	$58,830	$60,595	$62,420	$64,285	**$282,315**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$36,185**	**$58,830**	**$60,595**	**$62,420**	**$64,285**	**$282,315**

Village of Bloomingdale
CIP Project Description

Project #: 349

Title: Sanitary Wye Replacement & Point Repair Program

Estimated Total Cost: $150,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Annual systematic maintenance of the sanitary collection system extends the useful life, minimizes service disruptions and related damages caused by sewer back-ups, and seals the system from root intrusion and infiltration of ground water.

ANALYSIS: Locations requiring wye replacement or point repairs are identified during the CCTV inspection program. The work is completed using contracted services procured by sealed bid and competitive proposal processes pursuant to the Village Procurement Code.

SOLUTION: Continue funding the Sanitary Wye Replacement & Point Repair Program.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$30,000	$30,000	$30,000	$30,000	$30,000	**$150,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$30,000**	**$30,000**	**$30,000**	**$30,000**	**$30,000**	**$150,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$30,000	$30,000	$30,000	$30,000	$30,000	**$150,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$30,000**	**$30,000**	**$30,000**	**$30,000**	**$30,000**	**$150,000**

Village of Bloomingdale
CIP Project Description

Project #: 513

Title: 1995 Sauber Shoring Trailer - Unit 1ST

Estimated Total Cost: $9,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 1995 Sauber Shoring Trailer - Unit 1ST, has reached it's useful life.

ANALYSIS: This trailer is assigned to Water Distribution and used to store and transport shoring equipment. The current unit has open storage spaces that leave the equipment exposed to weather. The replacement unit is envisioned to be an enclosed trailer with space to store other critical excavation materials such as barricades and snow fence. The existing unit was purchased in 1995.

SOLUTION: Village staff will procure the replacement trailer pursuant to applicable provisions of the Village procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$9,000	$0	$0	$0	$0	**$9,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$9,000**	**$0**	**$0**	**$0**	**$0**	**$9,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$9,000	$0	$0	$0	$0	**$9,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$9,000**	**$0**	**$0**	**$0**	**$0**	**$9,000**

Village of Bloomingdale
CIP Project Description

Project #: 63

Title: Water Main Major Maintenance Improvements

Estimated Total Cost: $1,805,200

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Improvements to the distribution system not identified in the 2007 Master Plan update.

ANALYSIS: The distribution system is comprised of 121 miles of water main, 2,000 valves and 1,700 fire hydrants and was constructed beginning in the mid-1960's. As the system ages and deteriorates, projects will be required to sustain its reliability such as constructing new or replacing existing mains, or other in-place lining techniques after considering pipe age, type, maintenance history, pending road reconstruction and other considerations such as water quality or need for new appurtenances such as valves to minimize system isolation during repairs.

SOLUTION: Projects, such as the one above, would be identified and then designed by staff for bidding and staff would complete construction oversight and contract administration.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$451,300	$451,300	$451,300	$451,300	**$1,805,200**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$451,300**	**$451,300**	**$451,300**	**$451,300**	**$1,805,200**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$451,300	$451,300	$451,300	$451,300	**$1,805,200**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$451,300**	**$451,300**	**$451,300**	**$451,300**	**$1,805,200**

Village of Bloomingdale
CIP Project Description

Project #: 72

Title: Sanitary Sewer Main Major Maintenance Improvements

Estimated Total Cost: $1,495,200
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works
Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste
Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Providing a funding mechanism to replace the existing sanitary collection system once it reaches its expected useful life.

ANALYSIS: Targeted improvements could include new sanitary sewers and manholes to replace existing aged sewer, increasing flow capacities and reducing infiltration and inflow into the system during wet weather. A variety of construction techniques, including "trench-less" technologies such as slip lining or cured-in-place inversion lining could be applied. The program would include major rehabilitation of the existing 30-year old sanitary sewer interceptor consisting of pipe ranging between 24 and 36 inches in diameter and constructed of asbestos cement concrete pipe which is intended to extend the useful life of the system.

SOLUTION: Provide funds for improvements to the sanitary sewer collection system as determined by Village Service Utilities and Engineering Division Staff based on pipe age, maintenance history and other operational considerations.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$373,800	$373,800	$373,800	$373,800	**$1,495,200**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$373,800**	**$373,800**	**$373,800**	**$373,800**	**$1,495,200**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$373,800	$373,800	$373,800	$373,800	**$1,495,200**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$373,800**	**$373,800**	**$373,800**	**$373,800**	**$1,495,200**

Village of Bloomingdale
CIP Project Description

Project #: 524

Title: Facility Plan Amendment (FPA) Update

Estimated Total Cost: $102,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The WRF National Polution Discharge Ellimination System Permit (NPDES) requires that the Village address the future capital needs to sustain the operations, accommodate future growth and comply with current and future NPDES requirements.

ANALYSIS: The Village will be required to submit for IEPA approval the Facility Planning Amendment to qualify for funding from IEPA Water Pollution Control Loan Funding program. IEPA approval must be obtained by October 1, 2021. Design and Construction of the next major construction project of $9.6 million dollars for Phosphorus Complaince must be met.

SOLUTION: Commense to obtain engineering services to compile data for FPA of the Wastewater Treatment Facilties operation and how it is affected by future growth within the Village to maintain permit requirements. Engineering services to then submit application for construction loan application approval of FPA to meet loan qualifying funding.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$102,000	$0	$0	$0	**$102,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$102,000**	**$0**	**$0**	**$0**	**$102,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$102,000	$0	$0	$0	**$102,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$102,000**	**$0**	**$0**	**$0**	**$102,000**

Village of Bloomingdale
CIP Project Description

Project #: 517

Title: Water System Hydrualic Model Update

Estimated Total Cost: $70,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Hydraulic modeling of the water distribution system is neccesary to analyze system flow capabilities and recommend improvements to address limitations.

ANALYSIS: The water distribution system hydraulic model was last updated in 2007. Improvements to the existing system, new water main added to the system, and changes in consumption by connected properties have the potential to change the flow capabilities of the existing system. Updating the hydraulic model will provide for more current information to develop master plan improvements needed on the water distribution system in order to address flow limitations for both regular domestic use and fire protection needs throughout the system.

SOLUTION: Village staff will use consultant services to collect data on the existing watermain system and apply computer modeling to identify limitations in flow capacity for domestic and fire uses and to recommend master plan improvements throughout the water distribution system.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$70,000	$0	$0	$0	**$70,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$70,000**	**$0**	**$0**	**$0**	**$70,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$70,000	$0	$0	$0	**$70,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$70,000**	**$0**	**$0**	**$0**	**$70,000**

Village of Bloomingdale
CIP Project Description

Project #: 77

Title: New & Replacement Equipment

Estimated Total Cost: $200,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The replacement of various equipment that have reached its life expectancy without warning that is crucial to maintaining operational and mechanical compliance of the facility.

ANALYSIS: The replacement of this equipment would include obtaining the best available and costs from vendors and or suppliers of equipment that have failed.

SOLUTION: Purchase new or replacement capital equipment such as pumps, diesel pumps, back-up generators, etc. that is used in the operation and maintenance of the system.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$50,000	$50,000	$50,000	$50,000	**$200,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$50,000**	**$50,000**	**$50,000**	**$50,000**	**$200,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$50,000	$50,000	$50,000	$50,000	**$200,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$50,000**	**$50,000**	**$50,000**	**$50,000**	**$200,000**

Village of Bloomingdale
CIP Project Description

Project #: 518

Title: Water System Condition and Reliability Study

Estimated Total Cost: $50,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Village's water distribution system is an aging system with portions that are nearing their useful life and will need replacement or significant repairs.

ANALYSIS: The water distribution system condition and reliability study will build off the proposed hydraulic model update to analyze the condition of the existing water distribution system and make recommendations for long range planning of capital improvements to replace existing infrastructure. This analysis will aid staff in developing a systematic strategy, determine costs, and source revenue for replacement of existing water distribution system mains.

SOLUTION: Village staff will use consultant services to collect data on the existing watermain system and analyze the condition of the system looking at criteria such as age, break history, proposed corresponding improvements of other infrastructure and criticality of operation. The result will be a recommendation, with approximate timeline and estimated costs, of segments of the existing water distribution system that should be considered for replacement.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$50,000	$0	$0	$0	**$50,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$50,000**	**$0**	**$0**	**$0**	**$50,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$50,000	$0	$0	$0	**$50,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$50,000**	**$0**	**$0**	**$0**	**$50,000**

Village of Bloomingdale
CIP Project Description

Project #: 296

Title: Ford F250 pick up Vehicle # 208

Estimated Total Cost: $48,550

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2008 Ford pick-up, vehicle # 208 is scheduled to be replaced in FY20, as it is expected to have reached its useful life.

ANALYSIS: The vehicle is assigned to the Village water operator that performs water quality samples, operates/maintains pump stations, well houses, ground storage tanks, and elevated storage tanks. An "in-kind" replacement is envisioned with an extended warranty for the drive-train and electrical system is also expected to be purchased. Aftermarket items will be sourced separately to include such items as emergency lighting, radio and striping. It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to age of vehicle. Also a fuel savings may also be realized as new vehicle models typically are more fuel efficient.

SOLUTION: The Public Works/Water Production Division will procure the vehicle, extended warranty and aftermarket equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$48,550	$0	$0	$0	**$48,550**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$48,550**	**$0**	**$0**	**$0**	**$48,550**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$48,550	$0	$0	$0	**$48,550**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$48,550**	**$0**	**$0**	**$0**	**$48,550**

Village of Bloomingdale
CIP Project Description

Project #: 53

Title: MPI - Lake and Fairfield

Estimated Total Cost: $40,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

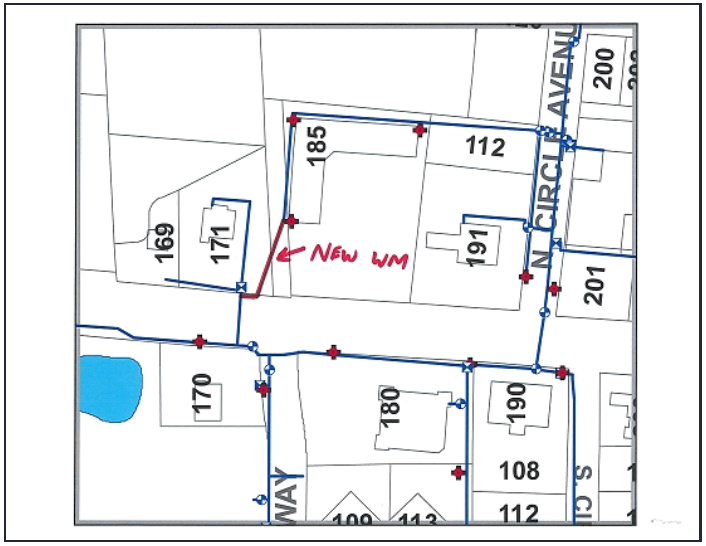
New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: A connection of two dead-end portions of the water main system at the northwest corner of Lake St. and Fairfield Way was identified in the Water System Master Plan that, if connected, will improve the function water main system.

ANALYSIS: The 2007 Water System Master Plan update identified a total of 32,500 lineal feet of new water main improvements at an estimated preliminary cost totaling between $3.00 and $6.00 million to meet current and future system peak domestic demands and fire flows. Construction of master plan recommendations is forecasted over a 10-20 year time horizon. It is proposed to install 140 LF of 6" water main connecting the existing 12" dead-end main north west of the intersection of Fairfield Way and Lake Street to the existing dead-end 6" water main.

SOLUTION: Village Services staff will prepare plans and specifications for bids by qualified contractors to perform the work and then evaluate the bids, and upon approval of a contract, work would be performed.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$40,000	$0	$0	$0	$40,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$40,000	$0	$0	$0	$40,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$40,000	$0	$0	$0	$40,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$40,000	$0	$0	$0	$40,000

Village of Bloomingdale
CIP Project Description

Project #: 369

Title: WRF Post Aeration System - Submersible Aspirating Aerator

Estimated Total Cost: $30,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Post Aeration System - Submersible Aspirating Aerator is estimated to have reached its useful life.

ANALYSIS: The Post Aeration System-Submersible Aspirating Aerator is used in operation process to increase the dissolved oxygen content within the post aeration tank prior to discharge to maintain the NPDES permit requirements at the WRF.

SOLUTION: Village staff will procure a new system pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$30,000	$0	$0	$0	**$30,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$30,000**	**$0**	**$0**	**$0**	**$30,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$30,000	$0	$0	$0	**$30,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$30,000**	**$0**	**$0**	**$0**	**$30,000**

Village of Bloomingdale
CIP Project Description

Project #: 69

Title: Lawrence Ave Lift Station

Estimated Total Cost: $25,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Providing a funding mechanism to replace existing lift station equipment once it reaches its expected useful life.

ANALYSIS: The lift station has been operating since 1992. The expected life of this lift station, with maintenance, is 25-30 years and the related pump's expected useful life is 10-15 years at which time major pump replacement and control system work is forecasted.

SOLUTION: The work project would rehabilitate and maintain the station to a capacity that would allow it to continue to serve the system.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$25,000	$0	$0	$0	**$25,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$25,000**	**$0**	**$0**	**$0**	**$25,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$25,000	$0	$0	$0	**$25,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$25,000**	**$0**	**$0**	**$0**	**$25,000**

Village of Bloomingdale
CIP Project Description

Project #: 73

Title: Sewer - New & Replacement Equipment

Estimated Total Cost: $93,600

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The replacement of various equipment that have reached its life expectancy without warning that is crucial to maintaining operational and mechanical compliance of the sanitary collection system.

ANALYSIS: The replacement of this equipment would include obtaining the best available and costs from vendors and or suppliers of equipment that have failed.

SOLUTION: Purchase new or replacement capital equipment such as pumps, diesel pumps, back-up generators, etc. that is used in the operation and maintenance of the system.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$23,400	$23,400	$23,400	$23,400	**$93,600**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$23,400**	**$23,400**	**$23,400**	**$23,400**	**$93,600**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$23,400	$23,400	$23,400	$23,400	**$93,600**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$23,400**	**$23,400**	**$23,400**	**$23,400**	**$93,600**

Village of Bloomingdale
CIP Project Description

Project #: 1

Title: Winston Water Tower Maintenance

Estimated Total Cost: $370,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** Jun, 2020 **Start Project:** Jun, 2021 **End Project** Aug, 2021

Description:

ISSUE: The Winston Water Tower inspection and maintenance.

ANALYSIS: Scheduled capital maintenance consists of painting the interior wet and dry areas, and exterior of this 1MG steel, elevated water storage tank constructed in the early 1970's. The tank is structurally sound. Painting provides corrosion protection extending the tank's useful life. The exterior and interior dry area was last completed in FY02, while the interior wet area was last completed in FY07. Inspection of the exterior of the tower was completed in FY16 and was determined that a recoat of the exterior of the tower should be completed in 3 to 5 years. Exterior painting is planned for design FY20 and painting in FY21. Interior painting was last completed in 2012 to provided an estimated life of 10-years. The condition of the Interior will be assessed in periodically with design and painting work likely in FY22.

SOLUTION: The Public Works Department Water Production Division would solicit qualification based proposals for engineer inspection services and competitive bids for painting services. The scope of work would be based on the recommendation from an engineering inspection report.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$20,000	$350,000	$0	$0	**$370,000**
		$0	$0	$0	$0	$0		**$0**
		$0	$0	$0	$0	$0		**$0**
		$0	$0	$0	$0	$0		**$0**
		$0	$0	$0	$0	$0		**$0**
TOTAL		**$0**	**$0**	**$20,000**	**$350,000**	**$0**	**$0**	**$370,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$20,000	$350,000	$0	$0	**$370,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$20,000**	**$350,000**	**$0**	**$0**	**$370,000**

Village of Bloomingdale
CIP Project Description

Project #: 192

Title: Main Control Building "C" Roof

Estimated Total Cost: $20,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The age and condition of the roof has reached its useful life expectancy.

ANALYSIS: The existing asphalt shingle roof was installed in 1999. The roof should be replaced to sustain the integrity of the structure and extend the life expectancy of the WRF Main Control Building "C".

SOLUTION: The WRF Staff would develop a scope of work, and pursuant to applicable provisions of the Village Procurement Code, engage a contractor to complete the work.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$20,000	$0	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$20,000**	**$0**	**$0**	**$0**	**$20,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$20,000	$0	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$20,000**	**$0**	**$0**	**$0**	**$20,000**

Village of Bloomingdale
CIP Project Description

Project #: 190

Title: Valve Actuators Controller Upgrades

Estimated Total Cost: $28,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The WAS / RAS valve actuator electronic controller modules and equipment need to be connected to the Supervisory Control and Data Acquisition System (SCADA) to provide remote treatment process operations using the SCADA system.

ANALYSIS: The actuators, which is essentially an electric motor-connected to a gear box- connected to the valve stem, are used to operate valves/slide gates located throughout the WRF. These valves/slide gates control the flow of wastewater into the treatment processes, such has directing the flow from the influent pump station to the either full treatment process, or by-passing the flow to the excess flow treatment process. The electronic modules are connected to the actuators to enable "remote" control and monitoring of the valves/slide gates using the SCADA system.

SOLUTION: The WRF Staff would develop a scope of work, and pursuant to applicable provisions of the Village Procurement Code, engage a contractor to complete the work.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$18,000	$10,000	$0	$0	**$28,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$18,000**	**$10,000**	**$0**	**$0**	**$28,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$18,000	$10,000	$0	$0	**$28,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$18,000**	**$10,000**	**$0**	**$0**	**$28,000**

Village of Bloomingdale
CIP Project Description

Project #: 189

Title: Skylights - Various Buildings

Estimated Total Cost: $15,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The replacement of various roof top skylights that have reached their life expectancy installed from 1984 to 2001.

ANALYSIS: The skylights located on various buildings' roofs at WRF have aged, weather beaten which has resulted in leaks and cracks that require continual maintenance. The units plexiglass glazing has become brittle. The sky light units should be replaced. It is envisioned that the replacement skylight units would have larger insulation values which should save building energy.

SOLUTION: The WRF Staff would develop a scope of work, and pursuant to applicable provisions of the Village Procurement Code, engage a contractor to complete the work.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$15,000	$0	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$15,000**	**$0**	**$0**	**$0**	**$15,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$15,000	$0	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$15,000**	**$0**	**$0**	**$0**	**$15,000**

Village of Bloomingdale
CIP Project Description

Project #: 463

Title: Bulk Water Dispensing System at Public Works

Estimated Total Cost: $15,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** Apr, 2019 **Start Project:** May, 2020 **End Project** Jun, 2020

Description:

ISSUE: The bulk water dispensing system is in need of replacement due to equipment using outdated software and no longer in use.

ANALYSIS: The bulk water dispensing system allows outside contractors as well as Village staff to accurately dispense water into water storage equipment.

SOLUTION: The Public Works Department/ Water Production Division would purchase replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$15,000	$0	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$15,000**	**$0**	**$0**	**$0**	**$15,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$15,000	$0	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$15,000**	**$0**	**$0**	**$0**	**$15,000**

Village of Bloomingdale
CIP Project Description

Project #: 374

Title: WRF Biosolids Sludge Pump CDQ DAA (East)

Estimated Total Cost: $14,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Biosolids Sludge Pump CDQ DAA (East) which were purchased during WRF Phase 1 is estimated to have reached its useful life.

ANALYSIS: The Biosolids Sludge Pump CDQ DAA (East) is used in operations of the sludge press operation process at the WRF.

SOLUTION: Village staff will procure a new system pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$14,000	$0	$0	$0	**$14,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$14,000**	**$0**	**$0**	**$0**	**$14,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$14,000	$0	$0	$0	**$14,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$14,000**	**$0**	**$0**	**$0**	**$14,000**

Village of Bloomingdale
CIP Project Description

Project #: 4

Title: Source - New & Replacement Equipment

Estimated Total Cost: $52,800

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Provide for new and replacement water system supply equipment.

ANALYSIS: The mechanical equipment used to operate the water system generally has an expected useful life of between 15 and 20 years. Funds, derived through the water and sewer rates are required to replace old, failed or obsolete equipment to sustain system reliability. It is projected that the average annual expense of replacing equipment such as pumps, diesel pumps and back-up generators is $13,200.

SOLUTION: Provide funding to purchase new or replacement capital equipment such as pumps, diesel pumps, back-up generators, etc. that is used in the operation and maintenance of the water system.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$13,200	$13,200	$13,200	$13,200	**$52,800**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$13,200**	**$13,200**	**$13,200**	**$13,200**	**$52,800**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$13,200	$13,200	$13,200	$13,200	**$52,800**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$13,200**	**$13,200**	**$13,200**	**$13,200**	**$52,800**

Village of Bloomingdale
CIP Project Description

Project #: 197

Title: Laboratory Incubator

Estimated Total Cost: $6,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The existing laboratory incubator was purchased in 2005 and is expected to have reached its useful life.

ANALYSIS: Laboratory best management practices require maintaining reliable equipment to conduct required process control and NPDES permit biological sample analyses. The incubator is used to heat samples for a variety of biological analyses. The incubator has an expected useful life of 15-years. The new equipment is also expected to save energy.

SOLUTION: The WRF Staff would develop a specification, and procure the equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$6,000	$0	$0	$0	**$6,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$6,000**	**$0**	**$0**	**$0**	**$6,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$6,000	$0	$0	$0	**$6,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$6,000**	**$0**	**$0**	**$0**	**$6,000**

Village of Bloomingdale
CIP Project Description

Project #: 74

Title: WRF Phosphorus Compliance

Estimated Total Cost: $5,525,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The WRF capacity must be able to meet future demands of Phosphorus ("P") on the wastewater stream. Future treatment systems must comply with IEPA discharge requirements pursuant to the Village's National Pollution Discharge Elimination System (NPDES) Permit.

ANALYSIS: The current NPDES permit requires that the Village meet "P" limits by 10/1/2026. The project will take 48 months from design to final construction beginning in FY21 with one year to reach compliance of 1.0 ppm "P" and the understanding of the operational process. The estimated project to cost in 2017 dollars $9.6 million. The preliminary project costs are: Engineering Design/Construction $1.6 million. Construction of $8.0 million.

SOLUTION: Commence design engineering in FY21 to construct capital improvements as necessary to comply with development demands for treatment system operations, capacity and discharge requirements pursuant to the NPDES permit requirements

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$485,000	$625,000	$0	**$1,110,000**
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$4,415,000	$0	**$4,415,000**
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$485,000**	**$5,040,000**	**$0**	**$5,525,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0			$485,000	$5,040,000		**$5,525,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$485,000**	**$5,040,000**	**$0**	**$5,525,000**

Village of Bloomingdale
CIP Project Description

Project #: 310

Title: 2003 Ford F450 Dump Truck Vehicle #703

Estimated Total Cost: $86,575
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works
Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste
Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The 2003 Ford F450 Dump Truck, Vehicle #703, is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This vehicle is assigned to sanitary collection maintenance, being used for to move personnel, materials and equipment to job sites. The vehicle is also assigned to snow and ice control as a back-up unit during winter months. It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing vehicle. Fuel savings may also be realized as new vehicle models typically are more fuel efficient.

SOLUTION: Village staff will purchase an in-kind replacement vehicle similar to the one illustrated, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$86,575	$0	$0	**$86,575**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$86,575**	**$0**	**$0**	**$86,575**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$86,575	$0	$0	**$86,575**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$86,575**	**$0**	**$0**	**$86,575**

Village of Bloomingdale
CIP Project Description

Project #: 68

Title: North Circle Ave Lift Station

Estimated Total Cost: $80,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

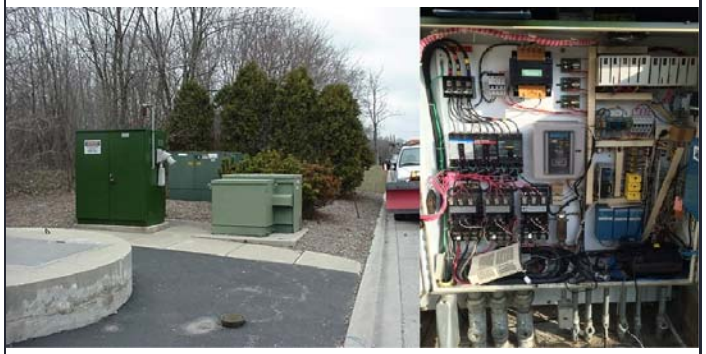
Description:

ISSUE: Providing a funding mechanism to replace existing lift station equipment once it reaches its expected useful life, and the lift station at the time it has reached its expected life.

ANALYSIS: The lift station has been operating since 1990. Major pump rehabilitation last occurred in 2009. The expected life of this lift station, with maintenance, is 25-30 years and the related pump's expected useful life is 10-15 years at which time major pump replacement and control system work is forecasted.

The control cabinet at the N Circle Lift Station is enclosed in a small steel cabinet. Increases in control and communication equipment near live wire connections in the cabinet have led to overcrowding of components which increases the risk of issue related to electrical arcing and access for maintenance.

SOLUTION: The project would allow the station to maintain operational capacity and reliability.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$80,000	$0	$0	**$80,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$80,000**	**$0**	**$0**	**$80,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$80,000	$0	$0	**$80,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$80,000**	**$0**	**$0**	**$80,000**

Village of Bloomingdale
CIP Project Description

Project #: 191

Title: SCADA Replacement/Upgrade

Estimated Total Cost: $75,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Replacing and/or upgrading the existing modular components of supervisory control and data acquisition (SCADA) system at the WRF is essential to sustaining compliance with the Village's NPDES operating permit.

ANALYSIS: SCADA system replacements and/or upgrades are usually completed in conjunction with construction improvements projects, with Phase 2A being last completed in 2008. SCADA system was upgraded last in 2012 which replaced Influent dry weather and wet weather pumps; added the screening process and new aeration system blowers. Periodic equipment replacements and/or upgrades, not in conjunction with major construction improvements projects, may be necessary to update the SCADA system with new computer operating systems updates, replace programmable controls, or change means of SCADA system connectivity..

SOLUTION: The WRF Staff would develop a scope of work, and pursuant to applicable provisions of the Village Procurement Code, engage a contractor to complete the work.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$75,000	$0	$0	**$75,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$75,000**	**$0**	**$0**	**$75,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$75,000	$0	$0	**$75,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$75,000**	**$0**	**$0**	**$75,000**

Village of Bloomingdale
CIP Project Description

Project #: 510

Title: Eastside Ground Storage Tank Sump Pump Replacement

Estimated Total Cost: $45,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Public Works is seeking to replace existing submersible sump pumps on the ground storage tank at Eastside Pump Station, along with installing a rail system.

ANALYSIS: The ground storage tank at Eastside Pump Station has two (2) 26 foot deep sump pits that remove ground water surrounding the tank. Due to the depth of pits, servicing the pumps is difficult without a rail system.

SOLUTION: The Public Works Department/ Water Production Division would solicit bids for replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$45,000	$0	$0	**$45,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$45,000**	**$0**	**$0**	**$45,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$45,000	$0	$0	**$45,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$45,000**	**$0**	**$0**	**$45,000**

Village of Bloomingdale
CIP Project Description

Project #: 358

Title: Kubota 4WD Tractor #B2106

Estimated Total Cost: $33,680

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The tractor was acquired in 2006. It is anticipated to reach its useful life in FY21.

ANALYSIS: Village personnel utilize the tractor for miscellaneous small excavation activities. Staff will research several manufacturers' to identify a suitable replacement. The FY17 replacement cost is estimated at $33,680.

SOLUTION: Village staff will procure the tractor pursuant to applicable provisions of the Village Purchasing Code. It is anticipated that the new tractor will eliminate costly future maintenance expenses due to the number of hours driven and age of the existing tractor.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$33,680	$0	$0	**$33,680**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$33,680**	**$0**	**$0**	**$33,680**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$33,680	$0	$0	**$33,680**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$33,680**	**$0**	**$0**	**$33,680**

Village of Bloomingdale
CIP Project Description

Project #: 477

Title: Mini Message Board #2

Estimated Total Cost: $15,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Department needs dictate the purchase of an additional mini message board.

ANALYSIS: The Public Works Department currently has one mini message board and one electronic arrow board that are used for a variety of traffic control operations including lane closures on major roadways and providing advanced warning messages to motorists ahead of department work sites. The mini message board has also been routinely used for publicizing community events such as fireworks and farmers markets.

The Utilities Distribution Division is proposing to purchase a second mini message board to continue to meet the increasing needs of the department. The Utilities Distribution Division uses these message boards when completing operations such as water main repairs on major roadways where lane closures or revised traffic patterns are required.

SOLUTION: Village staff will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$15,000	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$15,000**	**$0**	**$0**	**$15,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$15,000	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$15,000**	**$0**	**$0**	**$15,000**

Village of Bloomingdale
CIP Project Description

Project #: 375

Title: WRF Biosolids Sludge Pump CDQ DAA (West)

Estimated Total Cost: $14,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Biosolids Sludge Pump CDQ DAA (West) which were purchased during WRF Phase 1 is estimated to have reached its useful life.

ANALYSIS: The Biosolids Sludge Pump CDQ DAA (West) is used in operations of the sludge press operation process at the WRF.

SOLUTION: Village staff will procure a new system pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$14,000	$0	$0	**$14,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$14,000**	**$0**	**$0**	**$14,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$14,000	$0	$0	**$14,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$14,000**	**$0**	**$0**	**$14,000**

Village of Bloomingdale
CIP Project Description

Project #: 373

Title: WRF Digital Process Control Computers

Estimated Total Cost: $5,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Digital Process Control Computers which were purchased during WRF Phase 1 is estimated to have reached its useful life.

ANALYSIS: The Digital Process Control Computers is used in operations in wrf.

SOLUTION: Village staff will procure a new system pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$5,000	$0	$0	**$5,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$5,000**	**$0**	**$0**	**$5,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$5,000	$0	$0	**$5,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$5,000**	**$0**	**$0**	**$5,000**

Village of Bloomingdale
CIP Project Description

Project #: 514

Title: 2 1/2 Ton Dump Truck

Estimated Total Cost: $180,000
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works
Organization: 40-04-044-0052
Category: Water - Distribution System
Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Staff has determined there is a need for an additional 2 1/2 Ton Dump Truck, with plow and spreader.

ANALYSIS: The proposed truck will utilized by the Water Distribution Division for material hauling of excavation work. It will be similar to other dump trucks in the Public Works fleet and be equipped with toolboxes to carry various items needed for division work. The truck will serve as a back-up snow and ice response vehicle, in the event of a major issue with a lead vehicle. It is anticipated that the new vehicle will provide for a more efficient operation of the department especially during emergency response operations such as water main breaks or major snow events. A comparable vehicle was purchased in FY17 for a price of $163,990.91.

SOLUTION: Village staff will purchase the vehicle, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$180,000	$0	**$180,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$180,000**	**$0**	**$180,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$180,000	$0	**$180,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$180,000**	**$0**	**$180,000**

Village of Bloomingdale
CIP Project Description

Project #: 316

Title: 2008 International Flat Bed #108

Estimated Total Cost: $119,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Vehicle #108 International flat bed truck is scheduled to be replaced in FY22 as it has reached its useful life.

ANALYSIS: The vehicle is used by the Utilities division for various water distribution, sanitary sewer and storm water maintenance tasks including transporting heavy or oversized material to jobsites. The vehicle is equipped with a crane that is used to raise and lower pumps in lift stations. It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing vehicle. Fuel savings may also be realized as new vehicle models typically are more fuel efficient. The estimated 2017 purchase price of an in-kind replacement is $119,060.

SOLUTION: Purchase a new flat bed including after-market equipment and extended warranty pursuant to applicable provisions to the Village procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$119,000	$0	**$119,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$119,000**	**$0**	**$119,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$119,000	$0	**$119,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$119,000**	**$0**	**$119,000**

Village of Bloomingdale
CIP Project Description

Project #: 198

Title: WRF 4X4 Utility Vehicle

Estimated Total Cost: $15,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: 4X4 utility vehicle is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This vehicle is used for moving maintenance personal, equipment, tools and materials at the WRF. The vehicle is also assigned to snow and ice control at the WRF during winter months. An "in-kind" replacement is envisioned. It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing equipment. Fuel savings may also be realized as new models typically are more fuel efficient.

SOLUTION: The Village Services Public Works /Utilities Division will procure an in-kind replacement vehicle similar to the one illustrated, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$15,000	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$15,000**	**$0**	**$15,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$15,000	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$15,000**	**$0**	**$15,000**

Village of Bloomingdale
CIP Project Description

Project #: 429

Title: Cardinal Water Tower Maintenance

Estimated Total Cost: $8,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Cardinal Water Tower inspection and maintenance.

ANALYSIS: Scheduled capital maintenance consists of painting the interior wet and dry areas as well as the exterior of this 200,000 MG steel elevated water storage tank constructed in 1967. The tank is structurally sound. Painting provides corrosion protection extending the tank's useful life. The painting of the exterior and interior wet and dry areas was last completed in FY11. The next scheduled inspection to identify future capital maintenance is scheduled for FY22. The condition of the exterior and interior will be assessed periodically with design and painting work done in FY26.

SOLUTION: Public Works Department/Water Production Division would solicit qualification based proposals for engineer inspection services and competitive bids for painting services. The scope of work would be based on the recommendation from an engineering inspection report.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$0	$8,000	$0	**$8,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$8,000**	**$0**	**$8,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$8,000	$0	**$8,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$8,000**	**$0**	**$8,000**

Village of Bloomingdale
CIP Project Description

Project #: 492

Title: Sensus Flexnet System for Water

Estimated Total Cost: $3,000,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** May, 2023 **Start Project:** **End Project**

Description:

ISSUE: The existing Radio Frequency Automated Meter Read system is scheduled to be replaced FY23 due to software and water meter equipment being slowly phased out by manufacturer. As of December 31, 2017 Sensus will no longer produce the 510R meter transmitter unit (MXU). Which is equipment we utilize throughout the Village.

ANALYSIS: Back in 2003 the Village implemented a Village wide water meter change out and installed a Radio Frequency Automated Meter Read (RFAMR) system so that staff can gather water meter reads with either the Vehicle Meter Reading Unit (VMRU) or the Radio Frequency Handheld Meter Reading Unit. The RFAMR system then interfaced with the Village's Utility Billing software program to allow meter readings to be transferred from either of the two units.

SOLUTION: Public Works Department/ Water Production Division would solicit replacement equipment as well as installation costs pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$0	$0	$3,000,000	**$3,000,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$3,000,000**	**$3,000,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$3,000,000	**$3,000,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$3,000,000**	**$3,000,000**

Village of Bloomingdale
CIP Project Description

Project #: 356

Title: Mini Excavator - CAT305

Estimated Total Cost: $96,380

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Mini Excavator - CAT305 is scheduled to be replaced in FY23 as it will have reached its useful life.

ANALYSIS: The mini excavator is shared between collection and distribution. The equipment's versatility makes it vital in department operations especially where access is limited. The new equipment should eliminate future maintenance costs and may also provide fuel savings from more fuel efficient equipment. The estimated FY17 purchase price for the CAT305 is $96,380.00

SOLUTION: Village Services will purchase an in-kind replacement equipment similar to the one illustrated, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$48,190	**$48,190**
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$48,190	**$48,190**
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$96,380**	**$96,380**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$96,380	**$96,380**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$96,380**	**$96,380**

Village of Bloomingdale
CIP Project Description

Project #: 56

Title: MPI - Bloomingdale Rd (Loop)

Estimated Total Cost: $52,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

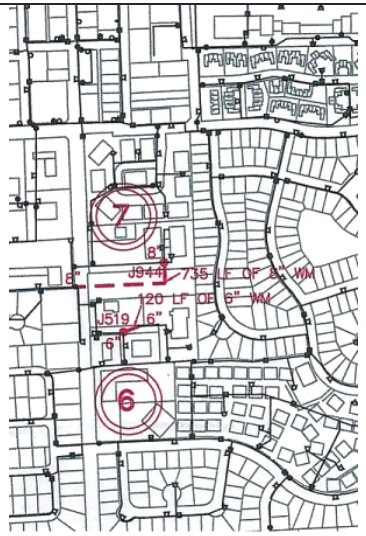
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Loop the Village water system between system terminus points in the area east of Bloomingdale Road north of the Village Hall.

ANALYSIS: The 2007 Water System Master Plan update identified a total of 32,500 lineal feet of new water main improvements at an estimated preliminary cost totaling between $3.00 and $6.00 million to meet current and future system peak domestic demands and fire flows. Construction is forecasted over a 10-20 year time horizon. The recommended improvement is to install 120 LF of 6" water main looping the existing 6" dead-end water main east of Bloomingdale Rd. south of Schick Rd. to the existing 6" water main that is directly east. Bloomingdale Rd. (Loop), and the install 735 LF of 8" water main connecting to the existing 8" dead-end water main looping south and west to the existing 8" water main on Bloomingdale Rd.

SOLUTION: Village staff will prepare plans and specifications for bids by qualified contractors to perform the work and then evaluate the bids, and upon approval of a contract to perform the work contemplated, would perform construction supervision of the contractor completing the work.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$52,000	**$52,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$52,000**	**$52,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$52,000	**$52,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$52,000**	**$52,000**

Village of Bloomingdale
CIP Project Description

Project #: 70

Title: Eastgate Lift Station

Estimated Total Cost: $25,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Providing a funding mechanism to replace existing lift station equipment once it reaches its expected useful life, and the lift station at the time it has reached its expected life.

ANALYSIS: The lift station has been operating since 2004. The expected life of this lift station, with maintenance, is 25-30 years and the related pump's expected useful life is 10-15 years at which time major pump replacement and control system work is forecasted.

SOLUTION: The work project would rehabilitate and maintain the station to a capacity that would allow it to continue to serve the system.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$25,000	**$25,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$25,000**	**$25,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$25,000	**$25,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$25,000**	**$25,000**

Village of Bloomingdale
CIP Project Description

Project #: 71

Title: Springfield Dr Lift Station

Estimated Total Cost: $25,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Providing a funding mechanism to replace existing lift station equipment once it reaches its expected useful life, and the lift station at the time it has reached its expected life.

ANALYSIS: The lift station has been operating since 2005. The expected life of this lift station, with maintenance, is 25-30 years and the related pump's expected useful life is 10-15 years at which time major pump replacement and control system work is forecasted.

SOLUTION: The work project would rehabilitate and maintain the station to a capacity that would allow it to continue to serve the system.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$25,000	**$25,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$25,000**	**$25,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$25,000	**$25,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$25,000**	**$25,000**

Village of Bloomingdale
CIP Project Description

Project #: 361

Title: Trailer (Rolls Rite- 25KP25HD-LP) #T408

Estimated Total Cost: $25,000
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works
Organization: 40-04-044-0052
Category: Water - Distribution System
Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Rolls Rite Trailer is expected to have reached its useful life in FY23.

ANALYSIS: This trailer is assigned to water distribution and sanitary collection maintenance, being used for to transport equipment such as excavators to a job site. It is anticipated that the new trailer will eliminate costly future maintenance expenses due to the age of the existing vehicle. The current trailer was purchased in 2008 for $19,395.

SOLUTION: Village Services will purchase an in-kind replacement trailer similar to the one illustrated pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$12,500	**$12,500**
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$12,500	**$12,500**
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$25,000**	**$25,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$25,000	**$25,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$25,000**	**$25,000**

Village of Bloomingdale
CIP Project Description

Project #: 57

Title: MPI - Schick, Cardinal, Villa (Loop)

Estimated Total Cost: $23,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

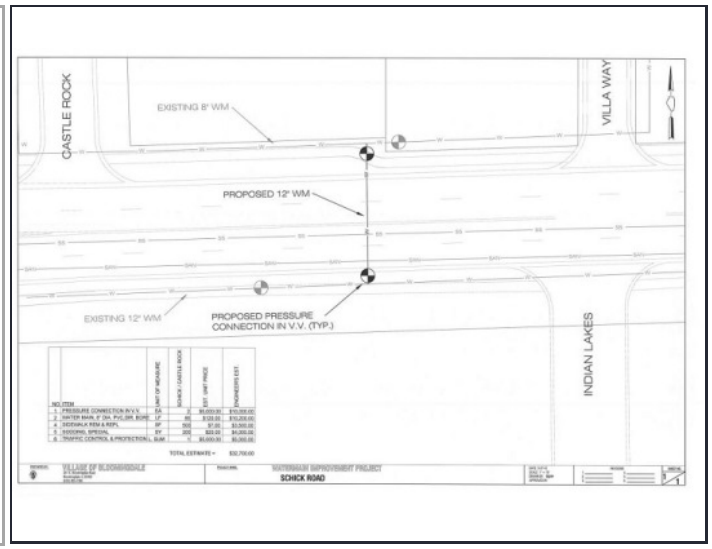
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: A portion of the water main system between the north and south side of Schick Rd. near Cardinal Dr. and Villa Way was identified in the Water System Master Plan that, if connected, will improve the function water main system.

ANALYSIS: The 2007 Water System Master Plan update identified a total of 32,500 lineal feet of new water main improvements at an estimated preliminary cost totaling between $3.00 and $6.00 million to meet current and future system peak domestic demands and fire flows. Construction is forecasted over a 10-20 year time horizon. The recommended improvement consists of the installation of 70 LF on 8" water main to connect the 12" water main on the south side of Schick Rd. west of Cardinal Ave., north to the 8" water main on Villa Way.

SOLUTION: Staff will prepare plans and specifications for bids by qualified contractors to perform the work and evaluate the bids. Upon approval of a contract to perform the work contemplated, staff would perform construction supervision of the contractor completing the work.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$23,000	**$23,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$23,000**	**$23,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$23,000	**$23,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$23,000**	**$23,000**

Village of Bloomingdale
CIP Project Description

Project #: 259

Title: GPS Units for WS Utility Vehicles

Estimated Total Cost: $12,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Distribution System

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Knowing the location of utilities trucks and equipment during emergency and day-to-day operations improves operational efficiencies.

ANALYSIS: Efficient delivery of village services is essential to maintain cost effectiveness. Knowledge of the location of Village services trucks during both emergency responses and routine operations enables resources to delivered in a timely efficient manner. Truck mounted GPS units would improve management and dispatching of response crews, trucks and equipment during snow and ice response, flood response, water main breaks and normal day-to-day service operations.

SOLUTION: Equip the fleet of fifteen (15) village services utilities trucks with GPS units and internet based satellite access software: Water Production (3), Water Distribution (5), Sanitary Collection (4) and WRF (2).

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$0	$0	$3,000	**$3,000**
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$5,000	**$5,000**
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$4,000	**$4,000**
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$12,000**	**$12,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$12,000	**$12,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$12,000**	**$12,000**

Village of Bloomingdale
CIP Project Description

Project #: 294

Title: Chlorination System Upgrade

Estimated Total Cost: $12,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The water chlorination system maintenance is next scheduled in FY23.

ANALYSIS: The chlorination system feeds gaseous chlorine to kill pathogenic bacteria before the water is discharged into the East Branch of the DuPage River. Chlorine residual limits are closely monitored by the Illinois EPA.

SOLUTION: Staff will procure replacement parts and engage contract resources as necessary to complete required maintenance including replacing vacuum regulators, chlorine scale, chlorination feed module, and chlorine residual analyzer. It is anticipated there will be a cost saving by being able to regulated the chlorine usage more closely with new equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$0	$12,000	**$12,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$12,000**	**$12,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$12,000	**$12,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$12,000**	**$12,000**

Village of Bloomingdale
CIP Project Description

Project #: 150

Title: Chemical Vacuum Induction Pump

Estimated Total Cost: $7,200

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

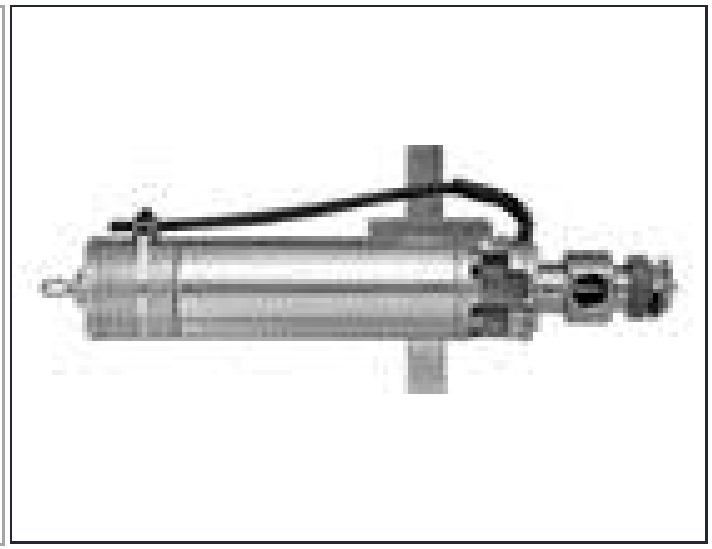
New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The chlorine induction pump will have reached its life expectancy, it will be necessary to replace unit to maintain the chlorine levels in the effluent and meet IEPA NPDES requirements for disinfection.

ANALYSIS: The project will be to replace unit installed with same type that was installed in 2013. Contact suppliers and obtain best cost for pump and installation.

SOLUTION: Chemical vacuum induction pump will serve to maintain disinfection of the facilities effluent. Request pricing and availability and purchase same type unit to be installed in house.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$0	$7,200	**$7,200**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$7,200**	**$7,200**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$7,200	**$7,200**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$7,200**	**$7,200**

Village of Bloomingdale
CIP Project Description

Project #: 3

Title: Water Storage

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Water System Master Plan 2007 update recommends the Village consider replacing the Cardinal water tower with a larger capacity elevated tower.

ANALYSIS: The Village's water system has been purposely designed and operated with reliance on two elevated water storage tanks (Winston and Cardinal) which maintain system-wide water pressures and continuity of system operations by allowing staggered tank maintenance. A location feasibility study was completed identifying optimal tank size and possible locations after considering domestic demand and fire flows, system-wide water pressures and system operating efficiencies. Distribution system improvements have allowed any considerations of replacing the Cardinal water tank to be deferred to FY25 or beyond.

SOLUTION: The Public Works Department Water Production Division staff will continue to conduct periodic inspections, and reconsider replacing Cardinal water tower if conditions warrant.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 5

Title: MPI - Glenwood between Gary Ave & Schick Rd

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

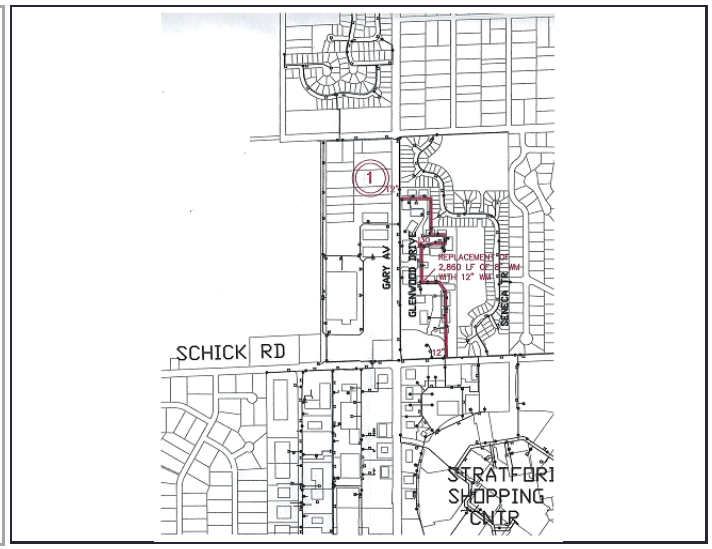
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Increase fire flows to Glenwood Apartments area pursuant to the 2007 Water System Master Plan.

ANALYSIS: The 2007 Water System Master Plan update identified a total of 32,500 lineal feet of new water main improvements at an estimated preliminary cost totaling between $3.00 and $6.00 million to meet current and future system peak domestic demands and fire flows. The study of the Village water main hydraulic model indicates the water main in this neighborhood needs to be increased to 12" diameter to meet the current fire flow recommendations. It is proposed to replace 2,860 LF of existing 8" water main with a 12" water main on Glenwood Dr. between Gary Avenue and Schick Road.

SOLUTION: Construction of recommended improvements is forecasted over a 10-20 year time horizon. Estimated cost as of FY18 are $1.50 million



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 52

Title: MPI - East Army Trail Rd (loop)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

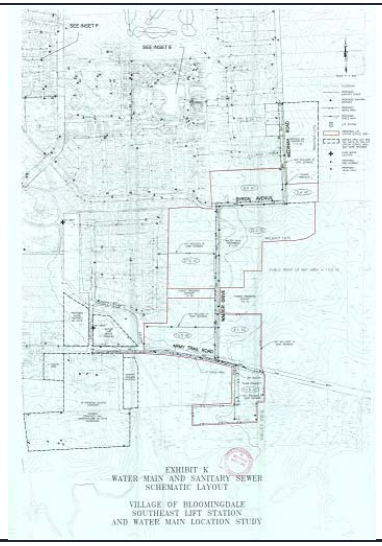
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** Apr, 2013 **Start Project:** **End Project**

Description:

ISSUE: The unincorporated area adjacent to the southeast boundary of the Village along Walter Drive and Byron Avenue (between Medinah Road and Walter Drive) is not serviced with Village water. Future development in this area will likely depend on water supplied from the Village.

ANALYSIS: This area can be served with Village water by interconnecting the current ends of the Village water system so that Vittoria Brooke Subdivision is connected to Brookdale Estates at Army Trail Road, with intermediate connections at Morningside Dr and Byron Avenue near Arbor Lane. The scope of work includes the replacement 1,150 LF of 6" water main with 12" waterman southwest of Army Trail Rd. and Creekside Dr. In addition, the construction of 3,200 LF of 12" waterman connecting to the dead end waterman on Army Trail Rd. east to Walter Dr. and then north to Byron Ave. connecting to the dead end waterman, with 1,420 LF of 12" waterman on Byron Ave. continuing east on Byron Ave. from the connection to Medinah continuing north and connecting to the 12" dead end water main.

SOLUTION: Construction is forecasted over a 10-20 year time horizon.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 54

Title: MPI - Cavalry Drive Area

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

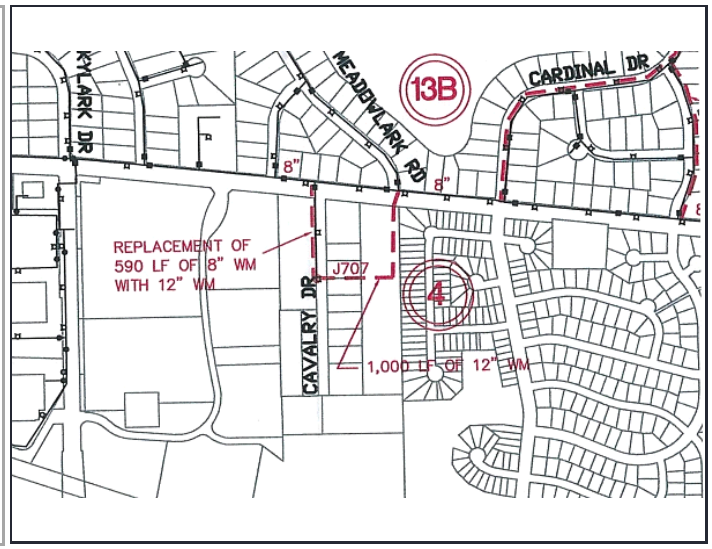
New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The unincorporated area adjacent to the Army Trail Road is not serviced with Village water. If annexed to the Village, the future development in this area may require water supplied from the Village water system.

ANALYSIS: The unincorporated properties along and adjacent to Calvary Drive are not served by the Village's water system. The study identified the size of the network necessary to serve this area with adequate domestic water and fire flow service. The plan proposes to replacement of 590 LF of existing 8" water main with 12" water main on Cavalry Dr. in addition to the installation of 1,000 LF of 12" water main looping the 12" dead end water main on Cavalry Dr. to the existing 12" water main on North Army Trail Rd.

SOLUTION: Construction is forecasted over a 10-20 year time horizon depending on annexation of the area to the Village, and re-develop plans for the area.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 55

Title: MPI - Medinah Rd (Loop)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Loop the Village water system between system terminus points at Medinah Road and Lake Street and Broker Road and St, Francis Court.

ANALYSIS: The 2007 Water System Master Plan update identified a total of 32,500 lineal feet of new water main improvements at an estimated preliminary cost totaling between $3.00 and $6.00 million to meet current and future system peak domestic demands and fire flows. The recommended construction consists of 4,090 LF of 8" water main beginning at the 6" dead end main on south Glendale Ave. continuing east to Medinah Rd. and continuing south on Medinah Rd. with 1,460 LF of 12" water main that connects to the 12" dead end main on Medinah Rd., north of Lake St.

SOLUTION: Construction is forecasted over a 10-20 year time horizon depending on annexation of the area to the Village, and demand for water service from existing and proposed development. in the area.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 60

Title: MPI - N Bloomingdale Rd (Loop)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

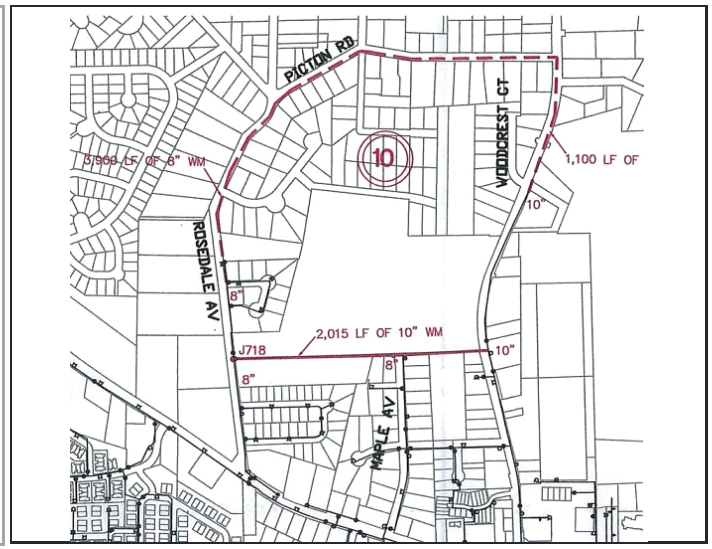
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Water System Master Plan identified improvements to the northern portion of the system bounded by Bloomingdale Rd, Picton Rd and Rosedale Ave that would improve the function of the system.

ANALYSIS: The work consists of installing 2,015 LF of 10" water main connecting the 8" water main on Rosedale Ave to the 8" water main on Maple Ave and connecting the 10" water main on Bloomingdale Rd to the water main on Maple Ave. Also construct 1,100 LF of 10" water main connecting to the 10" water main on Bloomingdale Rd and Woodcrest Ct and continuing north on Bloomingdale Rd and continuing west on Picton Rd with 3,900 LF of 8" water main to Rosedale Ave and then continuing south and connecting to the 8" dead end main. The final route of the proposed water main loop requires further analysis because of the boundary agreement with the Village of Roselle, which resulted in properties originally incorporated in Bloomingdale being disconnected and annexed into Roselle.

SOLUTION: Construction is forecasted over a 10-20 year time horizon.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 61

Title: MPI - Brighton Dr (Loop)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

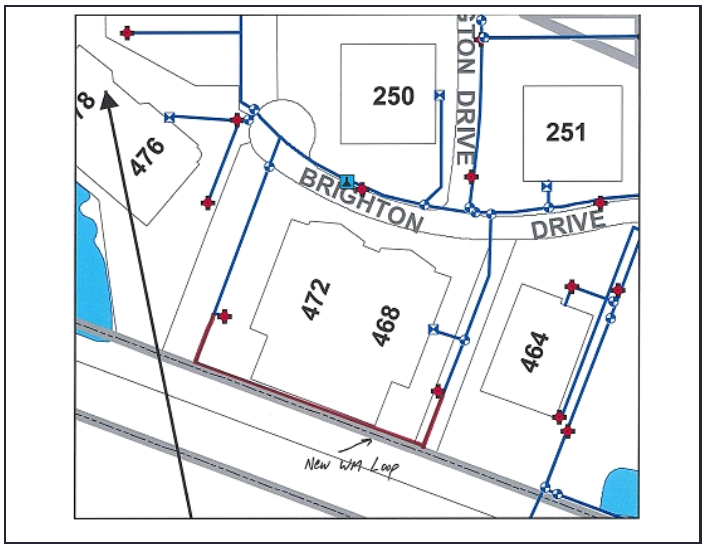
New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: A portion of the existing water main system south of Brighton Drive with two sections of dead-end water main was identified in Water System Master Plan that, if connected, will improve the function water main system.

ANALYSIS: The 2007 Water System Master Plan update identified a total of 32,500 lineal feet of new water main improvements at an estimated preliminary cost totaling between $3.00 and $6.00 million to meet current and future system peak domestic demands and fire flows. Construction is forecasted over a 10-20 year time horizon. The recommended improvements consists of the installation of 750 LF of 8" water main connecting the two 8" dead end mains south of Brighton Drive.

SOLUTION: The Village Services Department-Engineering Division will prepare plans and specifications for bids by qualified contractors to perform the work. The Village staff would evaluate the bids, and upon approval of a contract to perform the work contemplated, would perform construction supervision of the contractor completing the work.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 62

Title: MPI - Dee Ct - Morningside (Loop)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

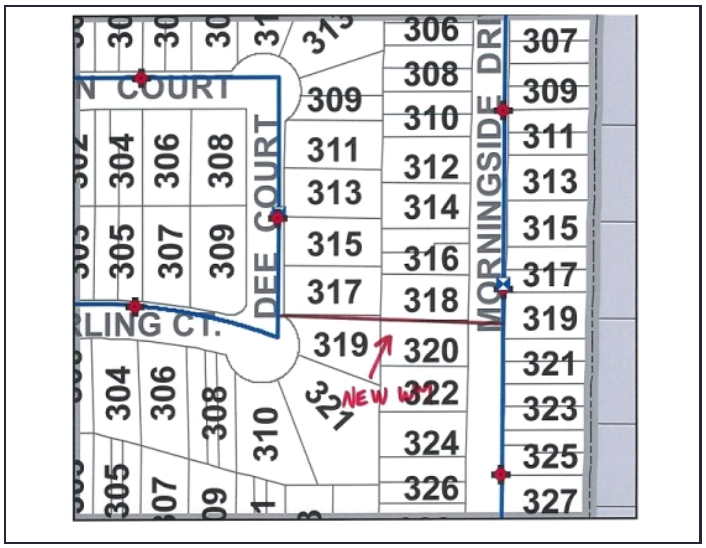
New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: A portion of the existing water main system between Dee Court and Morningside Drive was identified in the Water System Master Plan that, if connected, will improve the function water main system.

ANALYSIS: The 2007 Water System Master Plan update identified a total of 32,500 lineal feet of new water main improvements at an estimated preliminary cost totaling between $3.00 and $6.00 million to meet current and future system peak domestic demands and fire flows. Construction is forecasted over a 10-20 year time horizon. The recommended improvement consists of the installation of 360 LF of 8" water main connecting the 6" water main on Dee Ct. to the 8" water main on Morningside Drive.

SOLUTION: The Village Services Department-Engineering Division will prepare plans and specifications for bids by qualified contractors to perform the work. The Village staff would evaluate the bids, and upon approval of a contract to perform the work contemplated, would perform construction supervision of the contractor completing the work.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 66

Title: East Army Trail Rd Redevelopment Area

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Currently unincorporated or recently annexed land at the southeast quadrant of the Village are not serviced by village water or sanitary sewer.

ANALYSIS: Pursuant to understandings with developers in this area, the Village has agreed to cause the extension of the Village's utility systems located near Creekside Drive to the west along Army Trail Road and south along Valley View Road. The properties connecting to the Village utilities would be required to pay a proportionate share of the cost of the sanitary lift station and force main, along with normal and customary connection fees and charges established by ordinance. Pending alternative funding sources, and/or improved economic conditions, this work has been deferred beyond the time horizon of this forecast.

SOLUTION: Scope, amount and timing of implementation TBD.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 67

Title: Bloomingdale Rd Lift Station

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Providing a funding mechanism to replace the existing lift station once it reaches its expected useful life.

ANALYSIS: The lift station has been operating since the early 1980's, and requires frequent maintenance to keep it in operation.

SOLUTION: Scope, amount and timing of implementation TBD.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 75

Title: WRF FPA Improvements - Phase 4

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The WRF capacity must be able to meet future demands, while the existing and future treatment systems must comply with the discharge requirements pursuant to the Village's National Pollution Discharge Elimination System (NPDES) Permit.

ANALYSIS: The 20-year FPA consists of a multi-phase plan totaling an estimated $42.26 million. Phase 4 is estimated at $10.20 million and provides for any necessary sewer system overflow elimination, excess flow treatment, grit removal, and odor control for bio-solids handling. The preliminary project costs are: Design-$590,000; Construction Eng.-$810,000; Construction-$8,790,000.

SOLUTION: As required, commence design engineering as necessary to comply with development demands for treatment system operations, capacity and discharge requirements pursuant to the Village's National Pollution Discharge Elimination System (NPDES) Permit requirements.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 76

Title: WRF FPA Improvements - Phase 3

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The WRF capacity must be able to meet future demands, while the existing and future treatment systems must comply with the discharge requirements pursuant to the Village's National Pollution Discharge Elimination System (NPDES) Permit.

ANALYSIS: The 20-year FPA consists of a multi-phase plan totaling an estimated $42.26 million. Phase 3 is estimated at $9.60 million to construct new bio-solids handling systems to comply with pending NDPES 'Class A' sludge permit standards. The preliminary project costs are: Design-$640,000; Construction Eng.-$890,000; Construction-$8,070,000.

SOLUTION: As required, commence design engineering to construct capital improvements as necessary to comply with development demands for treatment system operations, capacity and discharge requirements pursuant to the Village's National Pollution Discharge Elimination System (NPDES) Permit requirements.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 78

Title: 2005 Chevy Tahoe, Vehicle #512

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2005 Chevy Tahoe, vehicle #512 is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The Utilities Distribution Division utilizes this vehicle as a mobile command center. It is equipped with safety light systems, map reading console, and 4-wheel drive to be functional in all weather conditions. It is anticipated that the new vehicles will eliminate costly future maintenance expenses due to the number of miles driven and age of the existing vehicle. Fuel savings may also be realized as new models are typically more fuel efficient.

SOLUTION: This vehicle may be able to be replaced in FY19 through the Village's system of "passing-down" or "handing-down" a vehicle formerly used by the Police department. As such, it is anticipated this vehicle will be replaced in this manner and save approximately $43,655 in doing so, provided the "hand-me-down" vehicle meets the needs of Public Works.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 79

Title: WRF 2000 GMC 3/4 Ton Pick-up Vehicle #200

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2000 GMC Sierra pickup truck, vehicle #200, is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The truck is used to haul equipment and materials around the facility, and is a back-up snow removal vehicle in the winter.

SOLUTION: The Village will procure a replacement vehicle in accordance with Village Procurement Code. Village Services will also evaluate used vehicles being replaced elsewhere in the VS fleet, to find a suitable replacement for this vehicle.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 300

Title: 2005 Chevrolet Colorado Vehicle #531

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Vehicle #531, a 2005, Chevrolet Colorado with cap is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The vehicle is a "hand me down" assigned to Utilities Distribution Division to transport crews to job sites. An "in-kind" replacement is envisioned. It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing vehicle. Fuel savings may also be realized as new vehicle models typically are more fuel efficient.

SOLUTION: Village staff will purchase the replacement vehicle in accordance with applicable provisions of the Village's procurement code. A "hand me down" replacement may be considered if one becomes available that meets the needs of the Public Works Department.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 329

Title: 2009 International 7400 Truck w/ Vactor 2112 #109

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2009 International Vactor Truck, vehicle #109, is scheduled to be replaced in FY29 as it is expected to have reached its useful life.

ANALYSIS: The Vactor Truck is equipped with high velocity jetting equipment to clean and maintain sanitary sewer pipes as well as to provide rapid response in the event of a clogged Village owned sewer. The vacuum unit is utilized to clean debris from structures and is able to complete hydro-excavating operations for various divisions reducing the likelihood of issue related to hit utilities. It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing vehicle. Fuel savings may also be realized as new vehicle models typically are more fuel efficient. The estimated FY17 purchase price is $416,170.

SOLUTION: Village Services will purchase an in-kind replacement vehicle similar to the one illustrated, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 331

Title: 2012 Ford 1 Ton Pick-up, Vehicle #612

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2012 Ford 1 Ton Pick-up, Vehicle #612, is scheduled to be replaced after FY30 as it is expected to have reached its useful life.

ANALYSIS: This vehicle is assigned to water distribution maintenance, being used for to move personnel, materials and equipment to job sites. The crew cab feature makes it useful for transporting multiple crew members at once. The vehicle is also assigned to snow and ice control as a back-up unit during winter months. It is anticipated that the new vehicle will eliminate costly future maintenance expenses due to the age of the existing vehicle. Fuel savings may also be realized as new vehicle models typically are more fuel efficient. The estimated FY17 Purchase Price for this vehicle is $42,560.

SOLUTION: Village Services will purchase an in-kind replacement vehicle similar to the one illustrated, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 354

Title: Handheld Meter Readers (2)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Meter readers are estimated to have reached its useful life.

ANALYSIS: The meter readers "communicate" with the business or residential water meters allowing the Village to read water usage; providing an essential part of the billing process.

SOLUTION: Provide funding to purchase new equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 360

Title: Vehicle Meter Reader Transceiver Unit

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

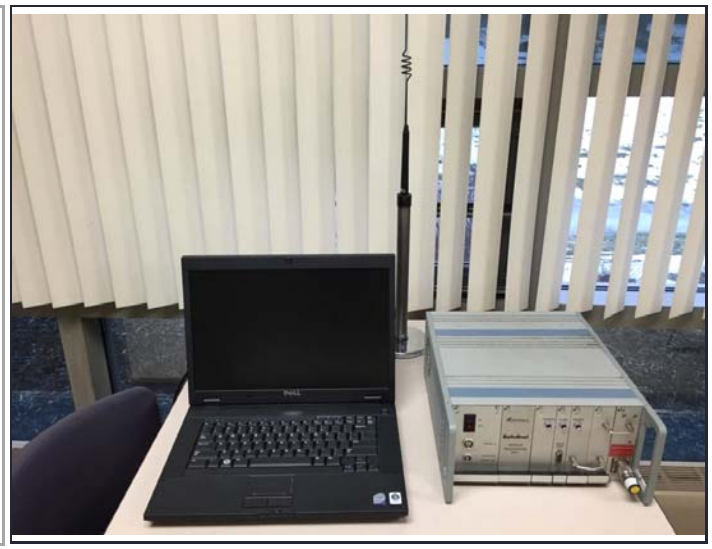
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Vehicle Transceiver Unit is estimated to have reached its useful life.

ANALYSIS: The system is used to permit the Village to read water meters via radio signals as the vehicle drives the designated route.

SOLUTION: Village staff will procure a new system pursuant to applicable provisions of the Village Purchasing Code.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 362

Title: Hydraulics Saw Package - ICS

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Hydraulics Saw Package is anticipated to have reached the end of its useful life.

ANALYSIS: This saw package is assigned to water distribution maintenance and is used to cut pipe during water main repair operations. It is also used to cut concrete manhole sections as needed for various work activities across the department It is anticipated that a new saw package will eliminate costly future maintenance expenses due to the age of the existing unit. The existing unit was purchased in 2012 for $11,000.00

SOLUTION: Village Services will purchase an in-kind replacement equipment similar to the one illustrated pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 363

Title: Ingersol Rand Air Compressor Unit #692

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Ingersol Rand Air Compressor is expected to have reached the end of its useful life.

ANALYSIS: This compressor is assigned to sanitary collection maintenance, being used to supply air to various small equipment such as hand held breakers. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing compressor. The existing equipment was purchased in 1992 for $13,490.

SOLUTION: Village Services will purchase an in-kind replacement compressor similar to the one illustrated pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 365

Title: Hydromatic 15 HP Submersible Pump - S10065171

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Hdyromatic 15 HP Submersible Pump is expected to have reached its useful life after FY21.

ANALYSIS: This pump is used as part of a complement of submersible pumps installed in sanitary sewer collection system lift stations. 15 HP pumps are located at Eastgate Lift Station. Replacement of this pump will reduce costs due to contractual rebuilding and maintenance of the unit. This pump was purchased in FY16 for $9,014.00

SOLUTION: Village Services will purchase an in-kind replacement pump similar to the one illustrated pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 367

Title: WRF 6" Dri-Prime Portable Pump & Trailer

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: 6" Portable Dri-Prime Diesel Pump is estimated to have reached its useful life.

ANALYSIS: The 6" Portable Dri-Prime Diesel Pump is used in operations at the WRF for transferring of large amount of process water during emergency operations and maintenance projects.

SOLUTION: Village staff will procure new equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 368

Title: WRF Influent Odor Control Activated Carbon Drum Scrubber

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Influent Odor Control Activated Carbon Unit Drum Scrubber is estimated to have reached its useful life.

ANALYSIS: The Influent Odor Activated Carbon Unit Drum Scrubber is used in operations for removal of odors at the entry of the influent sewage process into the WRF.

SOLUTION: Village staff will procure a new system pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 370

Title: WRF Biosolids Polymer/Chemical Mixing and Feed System -1

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Polymer Mixing and Feed System for biosolids press operations is estimated to have reached its useful life.

ANALYSIS: The Polymer Mixing and Feed system is utilized for the chemical mixing and feeding through the biosolds operation to increase the solids content during the sludge press operation at the WRF.

SOLUTION: Village staff will procure a new system pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 402

Title: Eastside Ground Storage Tank Maintenance

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The interior and exterior of the concrete ground storage tank at Eastside pump station requires periodic maintenance including repainting to extend its useful life.

ANALYSIS: The exterior of the tank was last painted in early 2000's. Existing paint is flaking off and exposing concrete surface of tank to the outside weather elements. Painting the exterior of the tank will extend the useful life protecting the concrete surface from deterioration.

The interior of the tank is scheduled to be inspected in FY22, after which it will be determine the timing and extent of future interior maintenance.

SOLUTION: Village Staff will solicit bids pursuant to applicable provisions of the Village Procurement Code to repaint the tank exterior as required.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 421

Title: 2016 Ford F59 Step Van #316

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The 2016 Ford F59 Step Van, vehicle #316, is scheduled to be replaced sometime after FY2036 as it is expected to have reached its useful life. The FY16 purchase price of this vehicle was $133,614.00

ANALYSIS: The Utilities Distribution Division uses this vehicle as a mobile shop for water distribution maintenance activities such as emergency water main breaks and hydrant repairs. It carries a wide variety of tools, equipment, and parts needed to maintain the Village's extensive water distribution system. It is anticipated that the new vehicle will save money on fuel costs and eliminate costly future maintenance expenses due to the age of the existing vehicle.

SOLUTION: Village staff will purchase a new replacement vehicle, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 431

Title: Mac-Lander Trailer #UT104

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Mac-Lander Trailer #UT104 is anticipated to have reached the end of its useful life.

ANALYSIS: This trailer is assigned to Utilities Distribution and is used transport material to job sites for various department operations It is anticipated that a new trailer will eliminate costly future maintenance expenses due to the age of the existing unit. The existing unit was purchased in FY04 for $3,350.00

SOLUTION: Village staff will purchase an in-kind replacement equipment similar to the one illustrated pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 441

Title: MQ Generator DB138IJ Unit #501

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2001 MQ Generator DB138IJ Unit #501 trailer mounted diesel powered electric generator is proposed to be replaced as it is expected its useful life expectancy.

ANALYSIS: The generator is used to provide back-up electrical power to the Village's sanitary sewer lift stations, in the event of an extended electrical power outage. The current unit was supplied to the Village by a developer as a condition to construction of the Eastgate Lift Station. It is a universal multi-phase unit able to be connected to any lift station on the sanitary sewer collection system. The existing unit has a 2017 Purchase Price of $53,765. It is anticipated that the new equipment will eliminate costly future maintenance expenses, due to the age of the existing equipment. Fuel savings may also be realized as new equipment maybe more fuel efficient.

SOLUTION: Village staff will procure a similar unit pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 442

Title: MQ Generator 31089-USTB Unit #704

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2005 MQ Generator 31089-USTB Unit #704 trailer mounted diesel powered electric generator is proposed to be replaced in FY25 as it is expected its useful life expectancy.

ANALYSIS: The generator is used to provide back-up electrical power to the Village's sanitary sewer lift stations, in the event of an extended electrical power outage. The current unit was supplied to the Village by a developer as a condition to construction of the Villa Veneto Lift Station. It is a universal multi-phase unit able to be connected to any lift station on the sanitary sewer collection system. The existing unit has a 2017 Purchase Price of $53,765. It is anticipated that the new equipment will eliminate costly future maintenance expenses, due to the age of the existing equipment. Fuel savings may also be realized as new equipment maybe more fuel efficient.

SOLUTION: Village staff will procure a similar unit pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 443

Title: Doosan Generator G125WCU-3Q-T4i Unit #414

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The 2014Doosan Generator G125WCU-3Q-T4i trailer mounted diesel powered electric generator is proposed to be replaced as it is expected its useful life expectancy.

ANALYSIS: The generator is used to provide back-up electrical power to the Village's sanitary sewer lift stations, in the event of an extended electrical power outage. The current unit was purchased in 2014 to replace an older single service unit. It is a universal multi-phase unit able to be connected to any lift station on the sanitary sewer collection system. The existing unit has a 2017 Purchase Price of $53,765. It is anticipated that the new equipment will eliminate costly future maintenance expenses, due to the age of the existing equipment. Fuel savings may also be realized as new equipment maybe more fuel efficient.

SOLUTION: Village staff will procure a similar unit pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 444

Title: Gorman-Rupp 6" Pump Unit #688

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 1988 Gorman-Rupp 6" Pump Unit #688 trailer mounted diesel pump is proposed to be replaced in FY29 as it is expected its useful life expectancy.

ANALYSIS: The trailer mounted diesel pump is used to provide pumping capabilities in a bypass situation where high flows may be present including in the event of a complete failure of a sanitary sewer lift station. The unit can also be used in severe flooding situations and during operations at the water reclamation facility. The existing unit has a 2017 Purchase Price of $44,000. It is anticipated that the new equipment will eliminate costly future maintenance expenses, due to the age of the existing equipment. Fuel savings may also be realized as new equipment maybe more fuel efficient.

SOLUTION: Village staff will procure a similar unit pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 462

Title: Small Meter Bench Test Equipment

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The small meter bench equipment is in need of replacement as it has reached its useful life expectancy.

ANALYSIS: The meter bench test equipment measures the meters accuracy of water passing through water service piping into the customer premises. By obtaining meter accuracy test results of groups of water meters, the Village benefits by; calculating a quantity of the collective water consumption that is under-registered in the customer meter population throughout the audit year, thereby improving the validity of the annual water audit and also identify individual water meters with poor accuracy that can be replaced or repaired. This serves as an intervention to reduce apparent loss from customer metering inaccuracies.

SOLUTION: The Public Works Department/Water Production Division would purchase replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 464

Title: Emergency Generator at Station #8

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The DMT Generator was installed in 1979 and has reached its useful life expectancy.

ANALYSIS: The DMT Generator supplies power to the Jockey Pump in case of power loss at Station #8. The Jockey Pump is strictly used to keep water pressure on the fire system at Stratford Square Mall between 95 - 150psi.

SOLUTION: The Public Works Department/ Water Production Division would purchase replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 465

Title: Domestic Diesel Engine

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0050

Category: Water - Source of Supply

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Cummins Domestic Water Diesel engine was installed in 1979 and has reached its useful life expectancy.

ANALYSIS: The Cummins Domestic Water Diesel engine is located at Station #8 and is strictly used and an emergency back up to supply water to the villages water distribution system. When activated the diesel engine supplies power to the pump, the pump then supplies water out to the distribution system at approximately 2200gpm.

SOLUTION: The Public Works Department/ Water Production Division would purchase replacement equipment pursuant to applicable provision of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0050	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 475

Title: 2016 CAT430F2 IT Combination Backhoe Loader

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The 2016 Caterpillar 430F2 IT Combination Backhoe Loader, unit #CAT430, is scheduled to be replaced in FY2031 as it is expected to have reached its useful life. The FY17 purchase price of this vehicle was $141,805.00.

ANALYSIS: The Utilities Distribution Division primarily for excavating operations and material loading operations. Its lifting capacity and digging reach make it vital for certain work that is beyond the capabilities of other department equipment. It is anticipated that the new vehicle will save money on fuel costs and eliminate costly future maintenance expenses due to the age of the existing vehicle.

SOLUTION: Village staff will purchase a new replacement unit and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 476

Title: 2016 Doosan Generator G125WCU-3Q-T4i Unit #516

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The 2016 Doosan Generator G125WCU-3Q-T4i trailer mounted diesel powered electric generator is proposed to be replaced sometime after FY 2036 as it is expected its useful life expectancy. The FY17 purchase price of this item was $48,577.00.

ANALYSIS: The generator is used to provide back-up electrical power to the Village's sanitary sewer lift stations, in the event of an extended electrical power outage. The current unit was purchased in 2016 to replace two older single service units. It is a universal multi-phase unit able to be connected to any lift station on the sanitary sewer collection system. It is anticipated that the new equipment will eliminate costly future maintenance expenses, due to the age of the existing equipment. Fuel savings may also be realized as new equipment maybe more fuel efficient.

SOLUTION: Village staff will procure a similar unit pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 478

Title: 2017 Peterbilt 2 1/2 Ton Dump Truck #317

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Vehicle #317, a 2017 Peterbilt 2 1/2 Ton Dump Truck, with plow and spreader is scheduled to be replaced in FY2032, as it is expected to have reached its useful life. The FY17 purchase price of this vehicle was $163,990.91.

ANALYSIS: The truck is utilized by the Water Distribution Division for material hauling of excavation work. It is equipped with toolboxes to carry various items needed for division work. The truck serves as a back-up snow and ice response vehicle, in the event of a major issue with a lead vehicle. An "in-kind" replacement is envisioned. envisioned. It is anticipated that the new vehicle will save money on fuel costs and eliminate costly future maintenance expenses due to the age of the existing vehicle.

SOLUTION: Village staffwill purchase the vehicle, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 495

Title: 2017 E.H. Wachs Valve Maintenance Trailer Unit #VMT2

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The department anticipates replacing the 2017 E.H. Wachs Valve Maintenance Trailer as it is expected to reach the end of its useful life.

ANALYSIS: The Utilities Distribution Division uses this equipment to clean valve boxes, b-boxes, and small manholes and to exercise water system valves. The trailer mounted unit is able to be transported on site using a pick-up truck. Additional uses include small hydro excavating / potholing projects such as sign pole bases and spray cleaning surfaces. The current unit was purchased in FY2018 for $64,375 and is expected to reach its useful life in FY2038.

SOLUTION: The department recommends the replacement of the equipment to save in future maintenance costs due to age of the existing equipment. The Public Works - Utilities Division will procure a similar piece of equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 511

Title: 2017 Ford F-350 One-Ton Pickup - Truck #817

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0054

Category: Sewer - Sanitary Collection Syste

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2017 pickup truck, #817, is anticipated to have reached it's useful life.

ANALYSIS: This vehicle is assigned to Sanitary Sewer Collections and used for day to day operations as well as emergency response. The existing unit has tool storage cabinets, lift gate and key racks and is equipped with a snow plow for backup snow and ice control operations. The existing unit was purchased in FY18 for $77,020 and are expected to be replaced in FY28.

SOLUTION: Village staff will procure the vehicle pursuant to applicable provisions of the Village procurement code including new storage cabinets, key racks, and snow plow.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0054	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 512

Title: 2017 Ford F-350 One-Ton Pickup - Truck #917

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0052

Category: Water - Distribution System

Organization Name: Distribution System

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2017 pickup truck, #917, is anticipated to have reached it's useful life.

ANALYSIS: This vehicle is assigned to Water Distribution and used for day to day operations as well as emergency response. The existing unit has tool storage cabinets, lift gate and key racks and is equipped with a snow plow for backup snow and ice control operations. The existing unit was purchased in FY18 for $77,020 and are expected to be replaced in FY28.

SOLUTION: Village staff will procure the vehicle pursuant to applicable provisions of the Village procurement code including new storage cabinets, key racks, and snow plow.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 520

Title: WRF Biosolids Polymer/Chemical Mixing and Feed System -2

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** Jan, 2028 **End Project**

Description:

ISSUE: Polymer Mixing and Feed systems for biosolids press operation is estimated to have reached its useful life.

ANALYSIS: the Polymer Mixing and Feed system is utilized for the chemical mixing and feeding through the biosolids operations to increase the solids content during sludge press operation at the WRF.

SOLUTION: Village staff will procure a new system pursuant to applicable provision of the Village Purchasing code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 521

Title: WRF - Excess Flow Polymer/Chemical Mixing and Feed System

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Polymer Mixing and Feed systems for excess flow operation is estimated to have reached its useful life.

ANALYSIS: the Polymer Mixing and Feed system is utilized for the chemical mixing and feeding through the excess flow operations to increase the solids content during the excess flow operation at the WRF.

SOLUTION: Village staff will procure a new system pursuant to applicable provision of the Village Purchasing code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 522

Title: Chemical Feed System

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Public Works

Organization: 40-04-044-0056

Category: Sewer - Water Reclamation Facili

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** Jan, 2023 **End Project**

Description:

ISSUE: Sodium Hypochlorite tanks (2) for excess flow operation is estimated to have reached its useful life.

ANALYSIS: the Sodium Hypochlorite chemical system is utilized for the chemical mixing and feeding through the excess flow operations to increase the decrease the fecal content during the excess flow operation at the WRF.

SOLUTION: Village staff will procure a new system pursuant to applicable provision of the Village Purchasing code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-04-044-0056	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

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OTHER

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Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department #	Page	Fund Type	Other Project - Title		Page	# of Projects	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
1	272	Governmental	22	Replace Financial/ERP Software System	272		$500,000	$0	$0	$0	$0	$500,000
2	273	Governmental	324	In-Squad Mobile Computer	273		$63,000	$0	$0	$0	$0	$63,000
3	274	Governmental	486	Network Infrastructure Cabling - Village Hall	274		$36,000	$0	$0	$0	$0	$36,000
4	275	Governmental	199	Desktop Computers	275		$17,500	$15,000	$15,000	$15,000	$15,000	$77,500
5	276	Governmental	127	Microsoft Exchange Email Server	276		$0	$50,000	$0	$0	$0	$50,000
6	277	Governmental	503	Update Office Suite Software	277		$0	$30,000	$0	$0	$0	$30,000
7	278	Governmental	194	Administration/Finance Copier	278		$0	$20,000	$0	$0	$0	$20,000
8	279	Governmental	195	PD Records Copier	279		$0	$20,000	$0	$0	$0	$20,000
9	280	Governmental	500	Replacement Copier	280		$0	$15,000	$0	$0	$0	$15,000
10	281	Governmental	110	Color Scanner	281		$0	$0	$16,270	$0	$0	$16,270
11	282	Governmental	454	Public Works Copier	282		$0	$0	$15,000	$0	$0	$15,000
12	283	Governmental	455	Village Services Copier/Printer	283		$0	$0	$15,000	$0	$0	$15,000
13	284	Governmental	501	Replacement Broadband Wireless Equip VH-PW	284		$0	$0	$15,000	$0	$0	$15,000
14	285	Governmental	498	Replacement of Virtual Machine Hardware	285		$0	$0	$0	$70,000	$0	$70,000
15	286	Governmental	499	Replacement of SANs	286		$0	$0	$0	$70,000	$0	$70,000
16	287	Governmental	108	HP Design 4500 Plotter	287		$0	$0	$0	$12,000	$0	$12,000
17	288	Governmental	106	Phone System	288		$0	$0	$0	$0	$125,000	$125,000
18	289	Governmental	104	PD CIY Copier/Printer	289		$0	$0	$0	$0	$0	$0
19	290	Governmental	128	Backup Disaster Recovery Solution Public Works	290		$0	$0	$0	$0	$0	$0
20	291	Governmental	196	Network Switches	291		$0	$0	$0	$0	$0	$0
21	292	Governmental	372	Tandem Copier-W7835PT (2)	292		$0	$0	$0	$0	$0	$0
22	293	Governmental	382	LAN / Chassis Router	293		$0	$0	$0	$0	$0	$0
23	294	Governmental	387	Docrecord Automation Server	294		$0	$0	$0	$0	$0	$0
24	295	Governmental	388	C360 Copier/Printer	295		$0	$0	$0	$0	$0	$0
25	296	Governmental	502	Replacement Broadband Wireless Equip PW-WRF	296		$0	$0	$0	$0	$0	$0
26	297	Governmental	107	Geo XH GPS Mapping System	297		$0	$0	$0	$0	$0	$0
Total Projects - Other						**26**	**$616,500**	**$150,000**	**$76,270**	**$167,000**	**$140,000**	**$1,149,770**

Sources - Funding Source						
01-General Fund		$433,905	$45,000	$30,000	$15,000	$15,000	$538,905
10-Capital Equipment Replacement Fund		$182,595	$105,000	$46,270	$152,000	$125,000	$610,865
Total Sources - Funding Source	**2**	**$616,500**	**$150,000**	**$76,270**	**$167,000**	**$140,000**	**$1,149,770**

Village of Bloomingdale
CIP Project Description

Project #: 22

Title: Replace Financial/ERP Software System

Estimated Total Cost: $500,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Village's Enterprise Resource Planning (ERP) software system will have reached the end of its useful life.

ANALYSIS: The Village utilizes its ERP system in the following functions: financial accounting and reporting, human resources/payroll, utility billing, cash receipting, building and zoning licensing and code enforcement, fixed asset tracking, and accounts receivable billing. The Village's current ERP system is no longer being updated with enhanced features by the manufacturer and thus may soon become obsolete. The purchase of a new ERP system may also require the replacement of a the Finance server and server rack.

SOLUTION: The Finance Department will procure the purchase of a new ERP system and Finance server and server rack. Additional operating costs or cost savings are not anticipated.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$500,000	$0	$0	$0	$0	**$500,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$500,000**	**$0**	**$0**	**$0**	**$0**	**$500,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$119,595	$0	$0	$0	$0	**$119,595**
01-General Fund	01-00-000-0000	$0	$380,405	$0	$0	$0	$0	**$380,405**
								$0
								$0
								$0
TOTAL		**$0**	**$500,000**	**$0**	**$0**	**$0**	**$0**	**$500,000**

Village of Bloomingdale
CIP Project Description

Project #: 324

Title: In-Squad Mobile Computer

Estimated Total Cost: $63,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: Equipment - Replacement

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Police Department requires the use of in-squad mobile computers. In FY19 fifteen (15) in-squad mobile computers will look to be purchased due to end of life expectations of current models (service life ~ 5 years).

ANALYSIS: The purchase of the in-squad mobile computer will involve not only the purchase of new computer but also new hardware, operating system software, licensing and installation into the squad car.

SOLUTION: Village staff will procure the purchase in accordance with the Village's Purchasing Code. Additional operating costs or cost savings are not anticipated.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$63,000	$0	$0	$0	$0	**$63,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$63,000**	**$0**	**$0**	**$0**	**$0**	**$63,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$63,000	$0	$0	$0	$0	**$63,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$63,000**	**$0**	**$0**	**$0**	**$0**	**$63,000**

Village of Bloomingdale
CIP Project Description

Project #: 486

Title: Network Infrastructure Cabling - Village Hall

Estimated Total Cost: $36,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Village's current wired network cabling uses Cat5 rated cables. The current cabling cannot keep up with the speed and demands placed on it by users.

ANALYSIS: The current cabling at Village Hall will be upgraded to Cat6e.

SOLUTION: Components purchased would be procured in accordance with the Village' s Procurement Code and financed by the projected bond issue for the PW Expansion project.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$36,000	$0	$0	$0	$0	**$36,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$36,000**	**$0**	**$0**	**$0**	**$0**	**$36,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$36,000	$0	$0	$0	$0	**$36,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$36,000**	**$0**	**$0**	**$0**	**$0**	**$36,000**

Village of Bloomingdale
CIP Project Description

Project #: 199

Title: Desktop Computers

Estimated Total Cost: $77,500

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: Equipment - Replacement

Organization Name: Information Systems

Complete: No ◉ Yes: ○

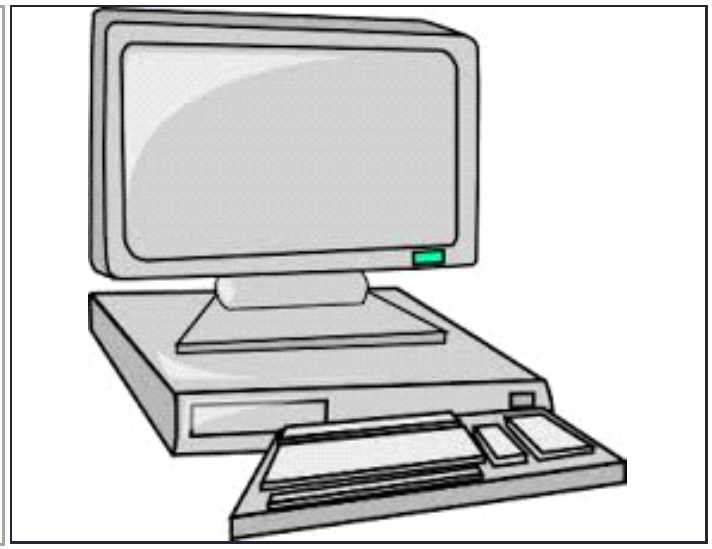
New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The desktop computers will have reached their useful life.

ANALYSIS: The desktop computers will have been in production for 10 years.

SOLUTION: Replace the entire inventory through competitive bidding or COOP purchasing program.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$17,500	$15,000	$15,000	$15,000	$15,000	**$77,500**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$17,500**	**$15,000**	**$15,000**	**$15,000**	**$15,000**	**$77,500**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$17,500	$15,000	$15,000	$15,000	$15,000	**$77,500**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$17,500**	**$15,000**	**$15,000**	**$15,000**	**$15,000**	**$77,500**

Village of Bloomingdale
CIP Project Description

Project #: 127

Title: Microsoft Exchange Email Server

Estimated Total Cost: $50,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Microsoft Exchange 2010 Email Server has reached its useful life in both hardware and software. Limitations within the software prevent the use of additional functionality and capacity.

ANALYSIS: Replace the server hardware and upgrading to a new version of Exchange will provide increased productivity and better integration with Outlook

SOLUTION: Replace server hardware and upgrade to a new Exchange software. Contract with a consultant.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$50,000	$0	$0	$0	**$50,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$50,000**	**$0**	**$0**	**$0**	**$50,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$50,000	$0	$0	$0	**$50,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$50,000**	**$0**	**$0**	**$0**	**$50,000**

Village of Bloomingdale
CIP Project Description

Project #: 503

Title: Update Office Suite Software

Estimated Total Cost: $30,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The software suite has an expected end of life the 4th quarter of 2020

ANALYSIS: The provides users with word processing, spreadsheet, database, and other office related functionality.

SOLUTION: Replace the software suite with what is currently available.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$30,000	$0	$0	$0	**$30,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$30,000**	**$0**	**$0**	**$0**	**$30,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$30,000	$0	$0	$0	**$30,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$30,000**	**$0**	**$0**	**$0**	**$30,000**

Village of Bloomingdale
CIP Project Description

Project #: 194

Title: Administration/Finance Copier

Estimated Total Cost: $20,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The copier will have reached its useful life.

ANALYSIS: Purchased and installed during FY15, it is anticipated the copier will have produced in excess of 1.43 million copies.

SOLUTION: Replace copier through competitive bidding or COOP purchasing.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$20,000	$0	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$20,000**	**$0**	**$0**	**$0**	**$20,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$20,000	$0	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$20,000**	**$0**	**$0**	**$0**	**$20,000**

Village of Bloomingdale
CIP Project Description

Project #: 195

Title: PD Records Copier

Estimated Total Cost: $20,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The copier will have reached its useful life.

ANALYSIS: Purchased and installed during FY15, it is anticipated the copier will have produced in excess of 1.43 million copies.

SOLUTION: Replace copier through competitive bidding or COOP purchasing.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$20,000	$0	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$20,000**	**$0**	**$0**	**$0**	**$20,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$20,000	$0	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$20,000**	**$0**	**$0**	**$0**	**$20,000**

Village of Bloomingdale
CIP Project Description

Project #: 500

Title: Replacement Copier

Estimated Total Cost: $15,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The copier will have reached it's useful life (Seriel # PPPPJ7403229)

ANALYSIS: The copier provides copy, print, and scan to email fuctionality to the WRF

SOLUTION: Replace copier with the current technology available

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$15,000	$0	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$15,000**	**$0**	**$0**	**$0**	**$15,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$15,000	$0	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$15,000**	**$0**	**$0**	**$0**	**$15,000**

Village of Bloomingdale
CIP Project Description

Project #: 110

Title: Color Scanner

Estimated Total Cost: $16,270

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Engineering

Organization: 01-06-000-0000

Category: Equipment - Replacement

Organization Name: Engineering

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** Nov, 2017 **Start Project:** **End Project**

Description:

ISSUE: The large format scanner is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This device is used to scan large format, high resolution documents, especially drawings used in the GIS archival and Planning record documents. An "in-kind" replacement with a new large format plotter is envisioned.

SOLUTION: The Engineering Department will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-06-000-0000	$0	$0	$0	$16,270	$0	$0	**$16,270**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$16,270**	**$0**	**$0**	**$16,270**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$16,270	$0	$0	**$16,270**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$16,270**	**$0**	**$0**	**$16,270**

Village of Bloomingdale
CIP Project Description

Project #: 454

Title: Public Works Copier

Estimated Total Cost: $15,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Equipment will have reached its useful life.

ANALYSIS: The copier has reached the end of its life span and the purchase of a new copier will prevent costly maintenance and delays caused by machine downtime.

SOLUTION: A replacement copier will be purchased through competitive bidding or COOP purchasing.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$15,000	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$15,000**	**$0**	**$0**	**$15,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$15,000	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$15,000**	**$0**	**$0**	**$15,000**

Village of Bloomingdale
CIP Project Description

Project #: 455

Title: Village Services Copier/Printer

Estimated Total Cost: $15,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Equipment will have reached its useful life.

ANALYSIS: The copier has reached the end of its life span and the purchase of a new copier will prevent costly maintenance and delays caused by machine downtime.

SOLUTION: A replacement copier will be purchased through competitive bidding or COOP purchasing.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$15,000	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$15,000**	**$0**	**$0**	**$15,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$15,000	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$15,000**	**$0**	**$0**	**$15,000**

Village of Bloomingdale
CIP Project Description

Project #: 501

Title: Replacement Broadband Wireless Equip VH-PW

Estimated Total Cost: $15,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The hardware will reach it's useful life.

ANALYSIS: The hardware provides wireless link between Village Hall and Public Works at a data speed of more than 1 Gbps. Ownership of the hardware allows the Village to not rely on a communications provider.

SOLUTION: Replace hardware with the current technology available

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$15,000	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$15,000**	**$0**	**$0**	**$15,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$15,000	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$15,000**	**$0**	**$0**	**$15,000**

Village of Bloomingdale
CIP Project Description

Project #: 498

Title: Replacement of Virtual Machine Hardware

Estimated Total Cost: $70,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The hardware will reach it's useful life within 5 years

ANALYSIS: The hardware provides the base for virtualizing the Village's servers. Virualization enables high availablity and back-up and disaster recovery

SOLUTION: Replace hardware with the current technology available

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$0	$70,000	$0	**$70,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$70,000**	**$0**	**$70,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$70,000	$0	**$70,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$70,000**	**$0**	**$70,000**

Village of Bloomingdale
CIP Project Description

Project #: 499

Title: Replacement of SANs

Estimated Total Cost: $70,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The hardware for the Storage Area Network (SAN) will reach it's useful life within 5 years

ANALYSIS: The hardware provides redundant storage for the Village's data. The SAN enables high availablity and back-up and disaster recovery

SOLUTION: Replace hardware with the current technology available

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$0	$70,000	$0	**$70,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$70,000**	**$0**	**$70,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$70,000	$0	**$70,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$70,000**	**$0**	**$70,000**

Village of Bloomingdale
CIP Project Description

Project #: 108

Title: HP Design 4500 Plotter

Estimated Total Cost: $12,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Engineering

Organization: 01-06-000-0000

Category: Equipment - Replacement

Organization Name: Engineering

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** Nov, 2018 **Start Project:** **End Project**

Description:

ISSUE: The large format plotter is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This device is used to print large format, high resolution documents, especially CAD drawings used in the design and construction projects for Capital and Maintenance Improvement programs. Documents are also printed for Planning and Zoning, Police and Public Works Departments. An "in-kind" replacement with a new large format plotter is envisioned.

SOLUTION: The Engineering Department will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-06-000-0000	$0	$0	$0	$0	$12,000	$0	**$12,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$12,000**	**$0**	**$12,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$12,000	$0	**$12,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$12,000**	**$0**	**$12,000**

Village of Bloomingdale
CIP Project Description

Project #: 106

Title: Phone System

Estimated Total Cost: $125,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Village's current telephone system and voicemail system were purchased in 2012.

ANALYSIS: The telephone system will eventually become dated and more robust systems will be available.

SOLUTION: Replace telephone and voicemail system in FY23; estimated cost is $125,000.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$0	$0	$125,000	**$125,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$125,000**	**$125,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$125,000	**$125,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$125,000**	**$125,000**

Village of Bloomingdale
CIP Project Description

Project #: 104

Title: PD CIY Copier/Printer

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Equipment will have reached its useful life.

ANALYSIS: Anticipated that the copier will have produced approximately 1 million images.

SOLUTION: Replace copier through competitive bidding or COOP purchasing.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 128

Title: Backup Disaster Recovery Solution Public Works

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The backup solution currently in use has become difficult to manage due to the high volume of data attempted to be backed up on a daily basis.

ANALYSIS: To maintain the integrity of data, a more robust solution should be deployed that reduces the points of failure and provides a high availability of data in the event of a disaster. The solution should provide on and off site data storage.

SOLUTION: The department will seek to procure the services through a vendor in accordance with the Village's Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 196

Title: Network Switches

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

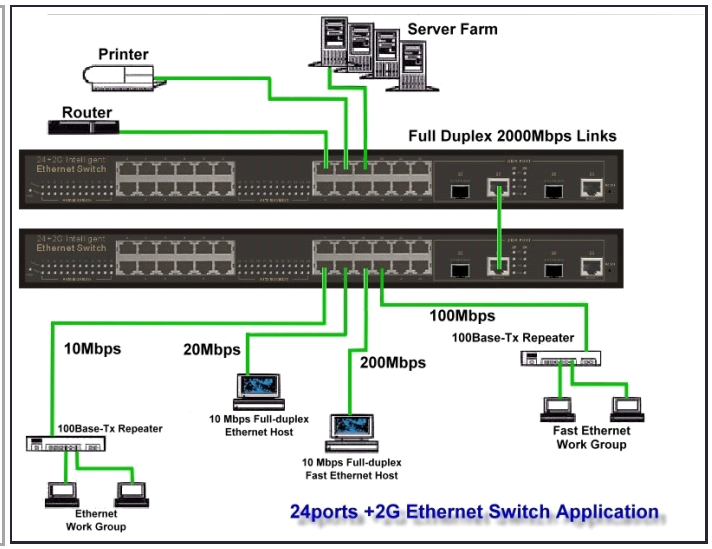
New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Switches will have reached their useful life.

ANALYSIS: The network switches, purchased and installed in FY17, will have reached their useful life due to advances in technology.

SOLUTION: Purchase new switches through competitive bidding or COOP purchasing - staff to install and configure.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 372

Title: Tandem Copier-W7835PT (2)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: Equipment - Replacement

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The 2 tandem copiers purchased in 2014 are anticipated to have reached the end of their useful life.

ANALYSIS: The copiers are used as part of the operational needs of the department.

SOLUTION: Village staff will procure the necessary replacement equipment pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 382

Title: LAN / Chassis Router

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The LAN / Chassis Router is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This device is used in operations at the Village.

SOLUTION: The Village will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 387

Title: Docrecord Automation Server

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Docrecord Automation Server is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: This device is used to store records at the Village and has been in service since FY11.

SOLUTION: The Village will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 388

Title: C360 Copier/Printer

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The C360 Copier/Printer is scheduled to be replaced as it is expected to have reached its useful life (Seriel # A0ED011018097)

ANALYSIS: This device is used in operations at the Village since FY12.

SOLUTION: The Village will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 502

Title: Replacement Broadband Wireless Equip PW-WRF

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Information Systems

Organization: 01-08-000-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The hardware will reach it's useful life.

ANALYSIS: The hardware provides wireless link between the Water Treatment Facility and Public Works.

SOLUTION: Replace hardware with the current technology available in accordance with Village Purchasing Code. Solution to be implemented in FY25.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-08-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 107

Title: Geo XH GPS Mapping System

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Engineering

Organization: 01-06-000-0000

Category: Equipment - Replacement

Organization Name: Engineering

Complete: No ◉ Yes: ○

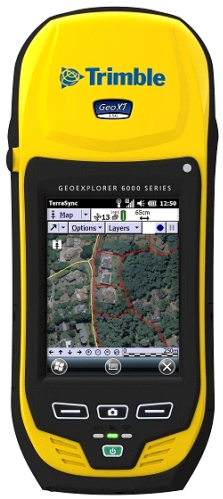
New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** Nov, 2017 **Start Project:** **End Project**

Description:

ISSUE: The Trimble Nomad, ProXH antennae and GeoXH GPS units are scheduled to be replaced as they are expected to reach the end of their useful life; and will no longer be compatible with current versions of the GIS software.

ANALYSIS: The GPS units consist of a windows operated handheld Trimble Nomad that uses an external ProXH antennae and another unit, the GeoXH which is a handheld unit with internal antennae. The GPS units are used in tracking locations of the water, storm and sanitary utilities, main breaks, tree locations, street sign locations and other miscellaneous village assets. They can also be used to field verify items that cannot be found and to mark design locations off a plan.

SOLUTION: The Village Services Engineering Division will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.



EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
01-General Fund	01-06-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

GOLF COURSE

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Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department #	Page	Fund Type	Project - Title	# of Projects	FY19 Budget	FY20 Projected	FY21 Projected	FY22 Projected	FY23 Projected	Total
			Golf Course							
1	302	Golf Course	467 HVAC System - Replace Heat Exchangers		$46,600	$0	$0	$0	$0	$46,600
2	303	Golf Course	481 Golf Course Mtc Bldg Roof Replacement		$40,000	$0	$0	$0	$0	$40,000
3	304	Golf Course	506 Maintenance Building Heating units		$25,000	$0	$0	$0	$0	$25,000
4	305	Golf Course	507 Irrigation Pump Shaft		$15,000	$0	$0	$0	$0	$15,000
5	306	Golf Course	263 Various, Miscellaneous, As-Needed GC Projects		$5,000	$5,000	$5,000	$5,000	$5,000	$25,000
6	307	Golf Course	251 Hybrid Diesel Mower - two (2)		$0	$32,000	$0	$0	$0	$32,000
7	308	Golf Course	487 Sealcoat Golf Course Driveways and Parking Areas		$0	$20,000	$0	$0	$0	$20,000
8	309	Golf Course	217 Various Course Improvements		$0	$10,000	$10,000	$10,000	$10,000	$40,000
9	310	Golf Course	245 Fairway Mower - two (2)		$0	$0	$50,000	$0	$0	$50,000
10	311	Golf Course	508 Club House Exterior Painting		$0	$0	$40,000	$0	$0	$40,000
11	312	Golf Course	216 Veranda and Grill Room Furniture		$0	$0	$20,000	$0	$0	$20,000
12	313	Golf Course	213 Multi-Pro Turf Sprayer		$0	$0	$0	$23,805	$0	$23,805
13	314	Golf Course	214 GPS Irrigation System Computer		$0	$0	$0	$8,855	$0	$8,855
14	315	Golf Course	480 Golf Course Bridgework Repair		$0	$0	$0	$0	$250,000	$250,000
15	316	Golf Course	327 Sandtrap Rake Utility Vehicle		$0	$0	$0	$0	$21,055	$21,055
16	317	Golf Course	219 Chemical Recycling System		$0	$0	$0	$0	$20,000	$20,000
17	318	Golf Course	202 Ford Tractor		$0	$0	$0	$0	$0	$0
18	319	Golf Course	203 Bernard Dualspin Grinder		$0	$0	$0	$0	$0	$0
19	320	Golf Course	204 Bernard Bedknife Grinder		$0	$0	$0	$0	$0	$0
20	321	Golf Course	207 Fieldworks Topdresser		$0	$0	$0	$0	$0	$0
21	322	Golf Course	209 New Holland Skid Steer Loader		$0	$0	$0	$0	$0	$0
22	323	Golf Course	211 Pond Aerator		$0	$0	$0	$0	$0	$0
23	324	Golf Course	212 Landall All Flex Mower		$0	$0	$0	$0	$0	$0
24	325	Golf Course	218 2007 Ford F-250 Pick-up Truck		$0	$0	$0	$0	$0	$0
25	326	Golf Course	222 Bunker & Pond Improvements		$0	$0	$0	$0	$0	$0
26	327	Golf Course	242 New Holland Front End Loaders with Implement		$0	$0	$0	$0	$0	$0
27	328	Golf Course	246 Lake Street Monument Identification Sign		$0	$0	$0	$0	$0	$0
28	329	Golf Course	256 JD Turf Gator Utility Carts - four (4)		$0	$0	$0	$0	$0	$0
29	330	Golf Course	330 Ryan Aerator		$0	$0	$0	$0	$0	$0
30	331	Golf Course	335 JD Turf Gator Utility Carts - three (3)		$0	$0	$0	$0	$0	$0
31	332	Golf Course	337 JD Gator Utility Cart		$0	$0	$0	$0	$0	$0
32	333	Golf Course	342 Cushman Utility Cart		$0	$0	$0	$0	$0	$0
33	334	Golf Course	344 Jacobsen Lawnmower (2)		$0	$0	$0	$0	$0	$0
34	335	Golf Course	345 Greensair Aerifier		$0	$0	$0	$0	$0	$0
35	336	Golf Course	346 Intermediate Mower		$0	$0	$0	$0	$0	$0
36	337	Golf Course	347 Wireless Microphone and Audio System		$0	$0	$0	$0	$0	$0
37	338	Golf Course	436 Practice Range Equipment		$0	$0	$0	$0	$0	$0
		Total Projects - Golf Course		**37**	**$131,600**	**$67,000**	**$125,000**	**$47,660**	**$306,055**	**$677,315**
Sources - Funding Source										
			45-Golf Course Fund		$131,600	$67,000	$125,000	$47,660	$306,055	$677,315
		Total Sources - Funding Source		**1**	**$131,600**	**$67,000**	**$125,000**	**$47,660**	**$306,055**	**$677,315**

Village of Bloomingdale
CIP Project Description

Project #: 467

Title: HVAC System - Replace Heat Exchangers

Estimated Total Cost: $73,370

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The heat exchangers used to heat the Golf Course Club House are expected to reach the end of their useful life.

ANALYSIS: The Golf Course Club House has 10 heat exchangers that provide heat to the club house. Eight (8) new heat exchangers have already been purchased by the end of FY18. Two (2) units are anticipated to be purchased in FY19. Cost savings could be realized in the form of reduced energy costs as new units are likely more energy efficient.

SOLUTION: The Village will purchase the replacement equipment pursuant to applicable provision of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$26,770	$46,600	$0	$0	$0	$0	**$73,370**
								$0
								$0
								$0
								$0
TOTAL		**$26,770**	**$46,600**	**$0**	**$0**	**$0**	**$0**	**$73,370**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$26,770	$46,600	$0	$0	$0	$0	**$73,370**
								$0
								$0
								$0
								$0
TOTAL		**$26,770**	**$46,600**	**$0**	**$0**	**$0**	**$0**	**$73,370**

Village of Bloomingdale
CIP Project Description

Project #: 481

Title: Golf Course Mtc Bldg Roof Replacement

Estimated Total Cost: $40,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Golf Course

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: As a result of the age and condition of the roof, it has reached the end of its useful life.

ANALYSIS: The roof should be replaced to sustain the integrity of the building and extend its overall useful life. The current roof is an asphalt roof; and a like-kind roof will be sought to replace the current roof.

SOLUTION: The Village will follow applicable provisions of the Village's Purchasing Code to perform the necessary repairs.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$40,000	$0	$0	$0	$0	**$40,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$40,000**	**$0**	**$0**	**$0**	**$0**	**$40,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$40,000	$0	$0	$0	$0	**$40,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$40,000**	**$0**	**$0**	**$0**	**$0**	**$40,000**

Village of Bloomingdale
CIP Project Description

Project #: 506

Title: Maintenance Building Heating units

Estimated Total Cost: $25,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Golf Course

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course maintenance building heating units have reached the end of their useful life.

ANALYSIS: The existing natural gas rooftop unit is in need of replacement. A similar natural gas rooftop unit will be sought to replace the existing unit at an estimated cost of $12,500. In addition to the rooftop unit, there are 4 electrical heat units in need of replacement in the mechanical storage room and 4 electrical heat units in need of replacement in the mechanical workroom. Many of the current units are not functioning. These 8 electrical heat units will be replaced with natural gas heating units at an estimated cost of $12,500.

SOLUTION: Village staff will procure the replacement heating units pursuant to applicable provisions of the Village Purchasing Code. The new heating units are expected to be more efficient and save on overall heating costs. Converting from electrical heating units to natural gas is expected to be more efficient and effective heating source.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$12,500	$0	$0	$0	$0	**$12,500**
45-Golf Course Fund	45-05-000-0000	$0	$12,500	$0	$0	$0	$0	**$12,500**
								$0
								$0
								$0
TOTAL		**$0**	**$25,000**	**$0**	**$0**	**$0**	**$0**	**$25,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$25,000	$0	$0	$0	$0	**$25,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$25,000**	**$0**	**$0**	**$0**	**$0**	**$25,000**

Village of Bloomingdale
CIP Project Description

Project #: 507

Title: Irrigation Pump Shaft

Estimated Total Cost: $15,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Golf Course

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ○ Major Maintenance: ◉ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The irrigation pump shaft is anticipated to have reached the end of its useful life. The current pump was installed with the original irrigation system in FY01.

ANALYSIS: The irrigation pump shaft is part of the Golf Course irrigation system purchased in FY01. A recent evaluation identified that the pump has signs of wear and could be close to inoperability. An effective irrigation system is critical to maintaining the course at a high level.

SOLUTION: Village staff will procure a replacement pump pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$15,000	$0	$0	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$15,000**	**$0**	**$0**	**$0**	**$0**	**$15,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$15,000	$0	$0	$0	$0	**$15,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$15,000**	**$0**	**$0**	**$0**	**$0**	**$15,000**

Village of Bloomingdale
CIP Project Description

Project #: 263

Title: Various, Miscellaneous, As-Needed GC Projects

Estimated Total Cost: $25,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Golf Course

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Improvements to course grounds and buildings are critical to the overall aesthetics and continued viability of the golf course operations.

ANALYSIS: The improvements would include obtaining the best available pricing from vendors and or suppliers.

SOLUTION: Provides funding to purchase as needed building and grounds improvements.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$5,000	$5,000	$5,000	$5,000	$5,000	**$25,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$5,000**	**$5,000**	**$5,000**	**$5,000**	**$5,000**	**$25,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$5,000	$5,000	$5,000	$5,000	$5,000	**$25,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$5,000**	**$5,000**	**$5,000**	**$5,000**	**$5,000**	**$25,000**

Village of Bloomingdale
CIP Project Description

Project #: 251

Title: Hybrid Diesel Mower - two (2)

Estimated Total Cost: $32,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course has two hybrid Diesel mowers purchased in FY09. It is anticipated that one of the machines will reach the end of its useful life in FY20, with the other machine reaching the end of its useful life at some point beyond FY23.

ANALYSIS: The mowers are utilized in large scale mowing of grass.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code. It is anticipated that new mower(s) will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$32,000	$0	$0	$0	**$32,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$32,000**	**$0**	**$0**	**$0**	**$32,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$32,000	$0	$0	$0	**$32,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$32,000**	**$0**	**$0**	**$0**	**$32,000**

Village of Bloomingdale
CIP Project Description

Project #: 487

Title: Sealcoat Golf Course Driveways and Parking Areas

Estimated Total Cost: $20,000
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course
Organization: 45-05-000-0000
Category: Golf Course
Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: Extending the useful life of the paved areas at the golf course.

ANALYSIS: Applying crack-fill and seal coat to asphalt driveways and parking lots extends the useful life of these paved areas and provides long-term cost savings against re-construction of the paved areas.

Solution: Engage a contractor to complete this work pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$20,000	$0	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$20,000**	**$0**	**$0**	**$0**	**$20,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$20,000	$0	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$20,000**	**$0**	**$0**	**$0**	**$20,000**

Village of Bloomingdale
CIP Project Description

Project #: 217

Title: Various Course Improvements

Estimated Total Cost: $40,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Golf Course

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ○ **Major Maintenance:** ◉ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The enhancement of various sections of the golf course are critical to the continued viability of the golf course operations.

ANALYSIS: The improvements would be used to "freshen up" the golf course in order to keep it competitiive in the market place.

SOLUTION: Provides funding to purchase improvements. The improvements would include obtainign the best available pricing from vendors and or suppliers.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$10,000	$10,000	$10,000	$10,000	**$40,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$10,000**	**$10,000**	**$10,000**	**$10,000**	**$40,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$10,000	$10,000	$10,000	$10,000	**$40,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$10,000**	**$10,000**	**$10,000**	**$10,000**	**$40,000**

Village of Bloomingdale
CIP Project Description

Project #: 245

Title: Fairway Mower - two (2)

Estimated Total Cost: $50,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course has two fairway mowers, purchased in FY07. One of the mowers is anticipated to reac the end of its useful life in FY21, with the other mower ancipated to reach the end of its useful life beyond FY23.

ANALYSIS: The fairway mowers are utilized in the precision cutting of fairway grass.

SOLUTION: Village staff will procure a suitable "in-kind" replacement pursuant to applicable provisions of the Village Procurement Code. It is anticipated that the new mower(s) will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$50,000	$0	$0	**$50,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$50,000**	**$0**	**$0**	**$50,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$50,000	$0	$0	**$50,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$50,000**	**$0**	**$0**	**$50,000**

Village of Bloomingdale
CIP Project Description

Project #: 508

Title: Club House Exterior Painting

Estimated Total Cost: $40,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Golf Course

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course Club House exterior paint is showing signs of weatherization and is in need of repair.

ANALYSIS: The project will be to paint the entire exterior in order to sustain the life expectancy of the club house.

SOLUTION: Village staff will engage a contractor pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$40,000	$0	$0	**$40,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$40,000**	**$0**	**$0**	**$40,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$40,000	$0	$0	**$40,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$40,000**	**$0**	**$0**	**$40,000**

Village of Bloomingdale
CIP Project Description

Project #: 216

Title: Veranda and Grill Room Furniture

Estimated Total Cost: $20,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The veranda and grill room furniture are anticipated to have reached the end of their useful life.

ANALYSIS: The furniture is utilized by patrons of the golf course. Providing sturdy and appealing furniture is critical to the continued viability of the golf course operations.

SOLUTION: Village staff will procure replacement furniture pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$20,000	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$20,000**	**$0**	**$0**	**$20,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$20,000	$0	$0	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$20,000**	**$0**	**$0**	**$20,000**

Village of Bloomingdale
CIP Project Description

Project #: 213

Title: Multi-Pro Turf Sprayer

Estimated Total Cost: $23,805

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The turf sprayer, purchased in FY04, is anticipated to have reached the end of its useful life.

ANALYSIS: The sprayer is utilized in maintenance and upkeep of the golf course.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$23,805	$0	**$23,805**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$23,805**	**$0**	**$23,805**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$23,805	$0	**$23,805**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$23,805**	**$0**	**$23,805**

Village of Bloomingdale
CIP Project Description

Project #: 214

Title: GPS Irrigation System Computer

Estimated Total Cost: $8,855

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course irrigation central control computer system, purchased in FY09, is anticipated to have reached the end of its useful life.

ANALYSIS: The irrigation central control computer system is utilized to control and monitor irrigation operations.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$8,855	$0	**$8,855**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$8,855**	**$0**	**$8,855**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$8,855	$0	**$8,855**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$8,855**	**$0**	**$8,855**

Village of Bloomingdale
CIP Project Description

Project #: 480

Title: Golf Course Bridgework Repair

Estimated Total Cost: $250,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Golf Course

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course has two (2) timber bridges located on hole #11 that are both showing significant signs of weathering as well as wear and tear. One bridge is designed for golf cart traffic and the second bridge is designed for walking.

ANALYSIS: Structural repair is needed to keep the bridges functioning and prevent major safety concerns.

SOLUTION: The Village will follow applicable provisions of the Village's Purchasing Code to perform the necessary repairs. The bridges are anticipated to need replaced in FY23 at a cost of $125,000 each, or $250,000 in total.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$250,000	**$250,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$250,000**	**$250,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$250,000	**$250,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$250,000**	**$250,000**

Village of Bloomingdale
CIP Project Description

Project #: 327

Title: Sandtrap Rake Utility Vehicle

Estimated Total Cost: $21,055

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The Golf Course's current sand rake machine was purchased used in 2000 (1996 model) and is anticipated to reach the end of its useful life.

ANALYSIS: The new machine will be able to provide versatility of use around the course. The new machine is anticipated to be able to repair a bunker, groom wet or dry sand, blow debris or reconstruct a tee with one machine.

SOLUTION: Village staff will procure the new equipment pursuant to applicable provisions of the Village Procurement Code. No operating savings are anticipated from the purchase.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$21,055	**$21,055**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$21,055**	**$21,055**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$21,055	**$21,055**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$21,055**	**$21,055**

Village of Bloomingdale
CIP Project Description

Project #: 219

Title: Chemical Recycling System

Estimated Total Cost: $20,000

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - New

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The EPA may require that the golf course a install chemical recycling system.

ANALYSIS: The chemical recycling system will be utilized to filter dirty water runoff from the washing and cleaning of Golf Course equipment. The filtered water would be continued through the system and used to wash the equipment.

SOLUTION: Village staff will procure the necessary components pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$20,000	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$20,000**	**$20,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$20,000	**$20,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$20,000**	**$20,000**

Village of Bloomingdale
CIP Project Description

Project #: 202

Title: Ford Tractor

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course tractor (asset # 666-00) was acquired in 1997. It is anticipated to reach its useful life at some point beyond FY23.

ANALYSIS: Golf course personnel utilize the tractor for maintenance of the golf course. Staff will research several manufacturers' to identify a suitable replacement.

SOLUTION: Village staff will procure the tractor pursuant to applicable provisions of the Village Purchasing Code. It is anticipated that the new tractor will eliminate costly future maintenance expenses due to the number of hours driven and age of the existing tractor.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 203

Title: Bernard Dualspin Grinder

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course dualspin grinder (asset # 752-000) was acquired in 1997. it is anticipated to reach its useful life some point beyond FY23.

ANALYSIS: The dualspin grinder is used to sharpen mowing blades, ensuring optimum cutting action from mowers.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 204

Title: Bernard Bedknife Grinder

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course bedknife sharpener (asset # 753-000) was acquired in 1997. It is anticipated to reach its useful life at some point beyond FY23.

ANALYSIS: The bedknife sharpener is used to sharpen bedknives ensuring optimum cutting action from mowers.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 207

Title: Fieldworks Topdresser

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The turf topdresser, purchased in FY98, is anticipated to reach its useful life at some point beyond FY23.

ANALYSIS: The topdresser is utilized in spreading a variety of materials used in the maintenance/upkeep of the golf course.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code. It is anticipated that the new mower will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 209

Title: New Holland Skid Steer Loader

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The skid steer loader, purchased in FY99, is anticipated to reach its useful life at some point beyond FY23.

ANALYSIS: The skid steer loader is utilized for "heavy" projects to maintain and upkeep the golf course.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 211

Title: Pond Aerator

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course aerator (Asset # 900098-000) will reach its useful life at some point beyond FY23.

ANALYSIS: The pond aerator is used to reduce algae growth and promote a healthy ecosystem.

SOLUTION: Village staff will purchase a replacement aerator pursuant to applicable provisions of the Village's procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 212

Title: Landall All Flex Mower

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course all flex mower, purchased in FY10, is anticipated to reach the end of its useful life beyond FY23.

ANALYSIS: The flex mower offers independent deck flotation and zero turning radius due to the frame design.

SOLUTION: Village staff will procure a suitable replacement pursuant to applicable provisions of the Village Procurement Code. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 218

Title: 2007 Ford F-250 Pick-up Truck

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Vehicle - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project**

Description:

ISSUE: The 2007 pick-up truck, vehicle #107, is anticipated to have reached its useful life at some point beyond FY23.

ANALYSIS: Golf course personnel utilize the vehicle for maintenance of the golf course. Staff will research several manufacturers' to identify a suitable replacement.

SOLUTION: Village staff will procure the vehicle pursuant to applicable provisions of the Village Purchasing Code. It is anticipated that the new truck will eliminate costly future maintenance expenses due to the number of miles driven and age of the existing vehicle. Fuel savings may also be realized as new vehicles typically are more fuel efficient than the older model vehicle replaced.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 222

Title: Bunker & Pond Improvements

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Golf Course

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: Bunker and pond improvements to the course are needed to maintain the overall quality of the golf course.

ANALYSIS: Maintaining the course at a high level is critical to the continued viability of the golf course operations. Work performed will consist of improving the bunker drainage tiling and new sand. Drainage tile systems generally require improvements approximately every 12 years.

SOLUTION: Village staff will procure the necessary improvements pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 242

Title: New Holland Front End Loaders with Implement

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The front end loader, purchased in FY05, is anticipated to reach the end of their useful life at some point beyond FY23.

ANALYSIS: The front end loaders are utilized for "heavy" projects to maintain and upkeep the golf course.

SOLUTION: Village staff will procure a suitable "in-kind" replacement pursuant to applicable provisions of the Village Procurement Code. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 246

Title: Lake Street Monument Identification Sign

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course identification sign off Lake Street, purchased in FY07, is anticipated to have reached the end of its useful life.

ANALYSIS: The sign is utilized to identify the golf course to drivers on Lake Street.

SOLUTION: Village staff will procure a suitable "in-kind" replacement pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 256

Title: JD Turf Gator Utility Carts - four (4)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course utility carts, purchased in FY08, are anticipated to have reached their useful life sometime after FY22.

ANALYSIS: The utility carts are used for moving personnel, equipment, tools and materials around the golf course.

SOLUTION: Village staff will procure replacement utility carts pursuant to applicable provisions of the Village Purchasing Code. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 330

Title: Ryan Aerator

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course aerator will reach the end of its useful life at some point beyond FY23.

ANALYSIS: The aerator is used to reduce algae growth and promote a healthy ecosystem.

SOLUTION: Village staff will purchase a replacement aerator pursuant to applicable provisions of the Village's procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 335

Title: JD Turf Gator Utility Carts - three (3)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course utility carts, purchased in FY09, are anticipated to have reached their useful life sometime after FY23.

ANALYSYS: The utility carts are used for moving personnel, equipment, tools and materials around the golf course.

SOLUTION: Village staff will procure replacement utility carts pursuant to applicable provisions of the Village purchasing code. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 337

Title: JD Gator Utility Cart

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course utility cart, purchased in FY12, is anticipated to reach its useful life at some point beyond FY23.

ANALYSIS: The utility cart is used for moving personnel, equipment, tools and materials around the golf course and snow removal in the winter.

SOLUTION: Village staff will procure a replacement utility cart pursuant to applicable provisions of the Village purchasing code. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 342

Title: Cushman Utility Cart

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course utility cart (asset # 751-000), purchased in FY97, is anticipated to have reached the end of its useful life.

ANALYSIS: The utility cart is used for moving personnel, equipment, tools and materials around the golf course.

SOLUTION: Village staff will procure a replacement cart pursuant to applicable provisions of the Village purchasing code. It is anticipated that the new equipment will eliminate costly future maintenance expenses due to the age of the existing equipment. Golf course staff are also considering the need to replace this item once it has reached the end of its useful life. It may be disposed and not replaced.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 344

Title: Jacobsen Lawnmower (2)

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course has various lawnmowers acquired at various times throughout the Village's ownership of the golf course and have an finite useful life. The Golf Course has two (2) LARGE SCALE Turf Cart Mowers with 72'' mowing decks purchased in FY06 (serial # 94671302141) and FY16 (serial # 221101791). Both mowers are expected to reach the end of their useful life at some point beyond FY23.

ANALYSIS: The mowers are used in large scale grass mowing operations.

SOLUTION: Village staff will procure a replacement mower pursuant to applicable provisions of the Village purchasing code. It is anticipated that the new mower will eliminate costly future maintenance expense due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 345

Title: Greensair Aerifier

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Village's airifier equipment (Asset # 946-000) acquired in 1998 is anticipated to reach the end of its useful life some point beyond FY23.

ANALYSIS: The machine is used in large scale aeration of the golf course grounds.

SOLUTION: Village staff will procure a replacement mower pursuant to applicable provisions of the Village purchasing code. It is anticipated that the new machine will eliminate costly future maintenance expense due to the age of the existing equipment. It is anticiapted that the purchase of a new machine will cost around $25,000.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 346

Title: Intermediate Mower

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course has various lawnmowers acquired at various times throughout the Village's ownership of the golf course and have an finite useful life. The Golf Course's intermediate mower, Groundmaster mower (seriel # 3106000542) purchased in FY17 is anticipated to reach the end of its useful life.

ANALYSIS: The mowers are used in large scale grass mowing operations. This intermediate mower is used for trim and bank mowing.

SOLUTION: Village staff will procure a replacement mower pursuant to applicable provisions of the Village purchasing code. It is anticipated that the new mower will eliminate costly future maintenance expense due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 347

Title: Wireless Microphone and Audio System

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The Golf Course's wireless microphone and audio system installed in FY15 is anticipated to reach the end of its useful life.

ANALYSIS: The microphone and audio system is used in the banquet facility for hosting events.

SOLUTION: Village staff will procure a replacement audio system pursuant to applicable provisions of the Village purchasing code. A new audio system is not anticipated to result in any cost savings, but could generate increased banquet revenues as an new audio system should result in a more favorable site for hosting events.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 436

Title: Practice Range Equipment

Estimated Total Cost: $0

(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Golf Course

Organization: 45-05-000-0000

Category: Equipment - Replacement

Organization Name: Golf Course Operations

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Start Project: End Project

Description:

ISSUE: The golf course's practice range golf ball dispenser and dispenser E-Range system are anticipated to reach the end of their useful life. The dispenser and E-range software system were purchased in FY16.

ANALYSIS: Maintaining such quality items are critical to attracting and keeping customers in this competitive environment.

SOLUTION: Village staff will procure the necessary components pursuant to applicable provisions of the Village Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-05-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY19	FY20	FY21	FY22	FY23	TOTAL
45-Golf Course Fund	45-00-000-0000	$0	$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0