Village of Bloomingdale, Illinois

Approved
FY17 Capital Improvement Plan
For the Period FY17 through FY21

Village of Bloomingdale

Capital Improvement Plan
For the Period FY17 through FY21
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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

April 25, 2016

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 Village of Bloomingdale, Illinois' FY17 Capital Improvement Plan (CIP). The CIP is intended to cover the period of five (5) years - FY17 through FY21 – 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 the effort to preserve and enhance the quality of life in Bloomingdale.

The CIP is a multi-year plan, comprised of 283 projects with an estimated cost of almost $37.55 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 (FY17 through FY21) and will be 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 FY17 Budget as those projects included in the CIP and listed as FY17 are also included in the FY17 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 FY17 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 FY18 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. Administration & Finance
2. Police
3. Village Services
4. Golf Course

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

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

Each individual project is presented by a **CIP Form** that provides additional detail 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 and finance), public safety, public works 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	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total $	Total %
Administration & Finance	20	$57,245	$586,505	$250,000	$0	$0	$893,750	2%
Police	26	$114,600	$198,550	$389,800	$67,000	$40,550	$810,500	2%
Village Services	209	$4,459,335	$9,012,710	$7,107,200	$10,134,840	$4,777,910	$35,491,995	95%
Golf Course	28	$111,500	$67,500	$62,410	$56,845	$56,305	$354,560	1%
Total All	283	$4,742,680	$9,865,265	$7,809,410	$10,258,685	$4,874,765	$37,550,805	100%

April 25, 2016

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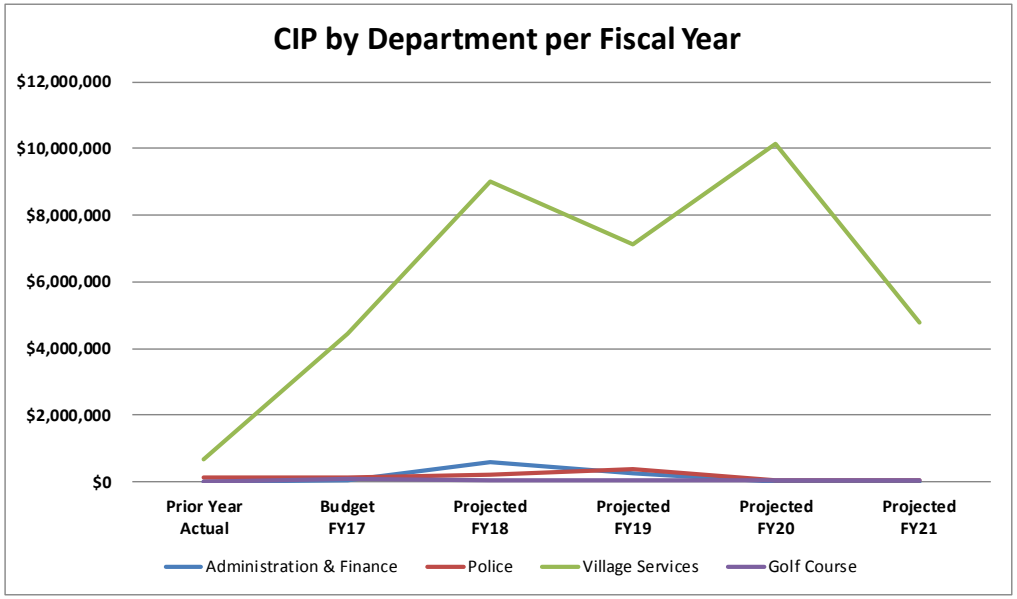
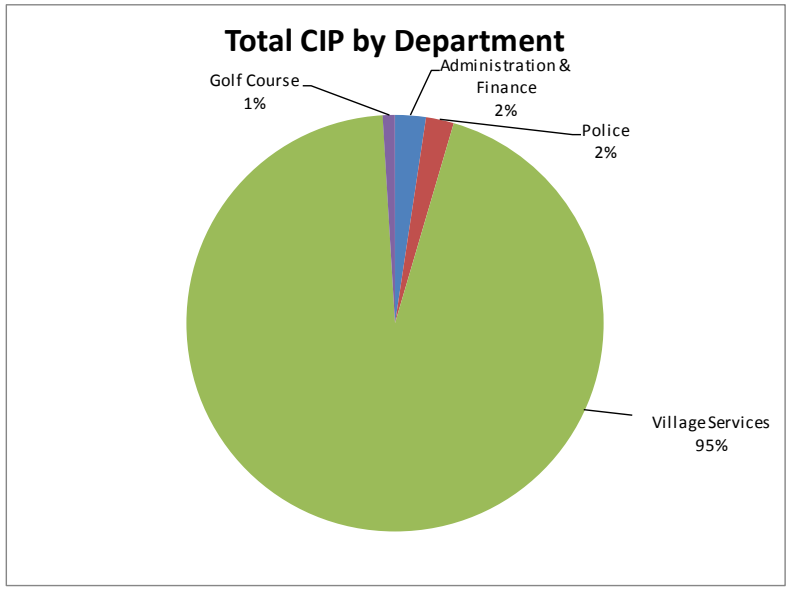
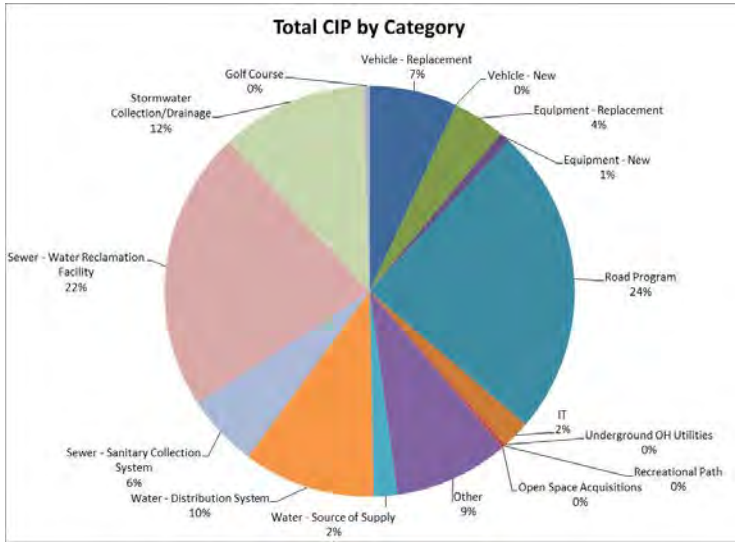
The Village Board of Trustees







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The projects are further delineated into the aforementioned categories as follows:

Category	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total $	Total %
Vehicle - Replacement	30	$468,400	$741,260	$711,660	$338,515	$348,780	$2,608,615	7%
Vehicle - New	0	$0	$0	$0	$0	$0	$0	0%
Equipment - Replacement	119	$336,000	$569,400	$353,765	$172,540	$111,250	$1,542,955	4%
Equipment - New	14	$112,000	$135,000	$70,000	$0	$0	$317,000	1%
Road Program	1	$783,780	$1,530,000	$3,141,000	$1,053,000	$2,632,000	$9,139,780	24%
IT	18	$53,245	$576,775	$200,000	$0	$0	$830,020	2%
Underground OH Utilities	16	$0	$0	$0	$0	$0	$0	0%
Recreational Path	15	$123,420	$0	$0	$0	$0	$123,420	0%
Open Space Acquisitions	0	$0	$0	$0	$0	$0	$0	0%
Other	12	$2,281,220	$770,000	$345,000	$0	$0	$3,396,220	9%
Water - Source of Supply	8	$0	$63,200	$443,200	$93,200	$93,200	$692,800	2%
Water - Distribution System	14	$90,000	$579,000	$1,086,300	$1,076,300	$1,076,300	$3,907,900	10%
Sewer - Sanitary Collection System	10	$135,000	$572,200	$492,200	$492,200	$467,200	$2,158,800	6%
Sewer - Water Reclamation Facility	15	$312,115	$63,930	$892,785	$6,966,430	$79,535	$8,314,795	22%
Stormwater Collection/Drainage	8	$0	$4,232,000	$41,000	$34,000	$34,000	$4,341,000	12%
Golf Course	3	$47,500	$32,500	$32,500	$32,500	$32,500	$177,500	0%
Total All	283	$4,742,680	$9,865,265	$7,809,410	$10,258,685	$4,874,765	$37,550,805	100%

Revenues from multiple funds will be used to support the projects contained in the CIP through FY21. The schedule on the following page provides a summary of CIP's funding sources. There are 145 of the 283 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 FY21. These projects are primarily related to undergrounding of overhead utilities or the construction of new recreational paths.

April 25, 2016

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Sources - Funding Source	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total	
						$	%
01 - General Fund	$923,000	$1,426,940	$674,000	$14,000	$14,000	$3,051,940	8%
06 - Motor Fuel Tax Fund	$991,680	$1,530,000	$3,141,000	$1,053,000	$2,632,000	$9,347,680	25%
07 - Home Rule Sales Tax Fund	$1,194,870	$4,412,000	$20,000	$20,000	$20,000	$5,666,870	15%
10 - Capital Equipment Replacement Fund	$366,220	$790,800	$898,940	$438,160	$348,780	$2,842,900	8%
11 - Community Relations & Events Fund	$204,295	$5,505	$0	$0	$0	$209,800	1%
40 - Water & Sewer Fund	$951,115	$1,612,520	$3,013,060	$8,676,680	$1,803,680	$16,057,055	43%
45 - Golf Course Fund	$111,500	$87,500	$62,410	$56,845	$56,305	$374,560	1%
Total All	$4,742,680	$9,865,265	$7,809,410	$10,258,685	$4,874,765	$37,550,805	100%

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 Michael D. Marchi, Director of Village Services and Frank Giammarese, Chief of Police for their efforts in leading 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

Listing of CIP Projects and Sources

#	# of Projects	Project - Title	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	182	Old Town Area - Street Improvements	$1,401,220	$0	$0	$0	$0	$1,401,220
2	234	Replace Traffic Signal Poles - Lake Street	$830,000	$0	$0	$0	$0	$830,000
3	144	Village-wide Street Improvement Program	$783,780	$1,530,000	$3,141,000	$1,053,000	$2,632,000	$9,139,780
4	186	Additional Alternative Back-up Electrical Power Sources	$225,000	$0	$0	$0	$0	$225,000
5	240	1998 International 1 1/2 ton Dump truck #297	$162,000	$0	$0	$0	$0	$162,000
6	305	2003 International 2 1/2 Ton Dump Vehicle #403	$158,000	$0	$0	$0	$0	$158,000
7	81	1997 JCB Back-Hoe Unit #597	$130,000	$0	$0	$0	$0	$130,000
8	162	RP-East Branch Trail - Carriage Way to Army Trail	$104,000	$0	$0	$0	$0	$104,000
9	131	Marked Patrol Vehicles	$81,100	$40,550	$243,300	$0	$40,550	$405,500
10	140	SCADA Programmable Logic Controller Replacement	$70,000	$0	$0	$0	$0	$70,000
11	293	Grit Removal	$65,000	$0	$120,000	$0	$0	$185,000
12	67	Bloomingdale Rd Lift Station	$65,000	$0	$0	$0	$0	$65,000
13	82	1995 Sauber 1599-GT Generator Unit #395	$60,000	$0	$0	$0	$0	$60,000
14	134	VH Electronic Monument Sign	$54,000	$0	$0	$0	$0	$54,000
15	238	Fire Hydrant Replacement Program	$45,000	$100,000	$100,000	$100,000	$100,000	$445,000
16	237	Main Line Water Valve Replacement Program	$45,000	$45,000	$45,000	$45,000	$45,000	$225,000
17	285	Sanitary Sewer Wye & Manhole Sealing	$40,000	$40,000	$40,000	$40,000	$40,000	$200,000
18	346	Toro Mower	$35,000	$0	$0	$0	$0	$35,000
19	301	2003 Ford 3/4 Ton Pick-up Vehicle #103	$33,800	$0	$0	$0	$0	$33,800
20	132	Unmarked CIY Vehicles	$33,500	$67,000	$100,500	$67,000	$0	$268,000
21	349	Sanitary Wye Replacement & Point Repair Program	$30,000	$30,000	$30,000	$30,000	$30,000	$150,000
22	229	VH Exterior South Retaining Wall	$30,000	$0	$0	$0	$0	$30,000
23	217	Various Course Improvements	$25,000	$25,000	$25,000	$25,000	$25,000	$125,000
24	348	(DRSCW) Water Quality Improvement Assessment	$22,115	$35,130	$36,185	$58,830	$56,935	$209,195
25	418	Renovation of Finance/Admin Office Space & Annex	$20,000	$384,000	$0	$0	$0	$404,000
26	219	Chemical Recycling System	$20,000	$0	$0	$0	$0	$20,000
27	171	RP-Springfield Drive - Lawrence to Lake Street	$19,420	$0	$0	$0	$0	$19,420
28	393	Cold Planner	$17,000	$0	$0	$0	$0	$17,000
29	199	Replace Desktop Computers	$15,000	$50,000	$50,000	$0	$0	$115,000
30	222	Bunker & Pond Improvements hole #14	$15,000	$0	$0	$0	$0	$15,000
31	320	Utility Trailer	$15,000	$0	$0	$0	$0	$15,000
32	456	Information Systems Network Assessment	$15,000	$0	$0	$0	$0	$15,000
33	108	Replace HP Design 4500 Plotter	$11,000	$0	$0	$0	$0	$11,000
34	116	Automotive Diagnostic Scan Tool	$10,000	$0	$0	$0	$0	$10,000
35	436	Practice Range Equipment	$9,000	$0	$0	$0	$0	$9,000
36	263	Various, Miscellaneous, As-Needed GC Projects	$7,500	$7,500	$7,500	$7,500	$7,500	$37,500
37	128	Replace Backup Disaster Recovery Solution Public Works	$7,000	$0	$0	$0	$0	$7,000
38	458	Transmission Fluid Exchange Machine	$7,000	$0	$0	$0	$0	$7,000
39	457	Founders Park Electric Panel Replacement	$6,000	$0	$0	$0	$0	$6,000
40	266	Village Website	$5,245	$5,505	$0	$0	$0	$10,750

Village of Bloomingdale

Listing of CIP Projects and Sources

#	# of Projects	Project - Title	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
41	104	Replace PD CIY Copier/Printer	$5,000	$0	$0	$0	$0	$5,000
42	454	Replace Public Works Copier	$5,000	$0	$0	$0	$0	$5,000
43	455	Village Services Copier/Printer	$5,000	$0	$0	$0	$0	$5,000
44	271	Indian Lakes Open Space Area Development Program	$0	$4,200,000	$0	$0	$0	$4,200,000
45	22	Replace Financial/ERP Software System	$0	$500,000	$200,000	$0	$0	$700,000
46	72	Sanitary Sewer Main Improvements	$0	$373,800	$373,800	$373,800	$373,800	$1,495,200
47	63	Water Main Major Maintenance Improvements	$0	$260,000	$451,300	$451,300	$451,300	$1,613,900
48	262	Covington Corporate Center Sidewalk Project	$0	$192,000	$0	$0	$0	$192,000
49	306	2003 Ford 6-Wheeler Dump Vehicle #903	$0	$172,540	$0	$0	$0	$172,540
50	415	Public Works Garage Floor Resurface- Vehicle Maintenance &	$0	$115,000	$0	$0	$0	$115,000
51	62	MPI - Dee Ct - Morningside (Loop)	$0	$99,000	$0	$0	$0	$99,000
52	303	2002 Ford Dump Truck #302	$0	$86,570	$0	$0	$0	$86,570
53	68	North Circle Ave Lift Station	$0	$80,000	$0	$0	$0	$80,000
54	291	Gary Avenue Station #8 replace 200HP pump with new 60HP p	$0	$80,000	$0	$0	$0	$80,000
55	302	1997 International 4700 Chipper Truck Vehicle #197	$0	$78,190	$0	$0	$0	$78,190
56	450	Police Department Elevator Renovations	$0	$70,000	$0	$0	$0	$70,000
57	83	1995 Travel-L-Vac 80 Valve Box Cleaner Unit #295	$0	$61,400	$0	$0	$0	$61,400
58	241	1991 Ford Pick-up Truck #491	$0	$60,065	$0	$0	$0	$60,065
59	308	2005 Ford 1 Ton Pick-up Vehicle #305	$0	$60,065	$0	$0	$0	$60,065
60	309	2005 Ford 1 Ton Pick-up Vehicle #505	$0	$60,065	$0	$0	$0	$60,065
61	24	PW Facility Security System	$0	$60,000	$0	$0	$0	$60,000
62	226	Sealcoat VH, PW & GC Driveways and Parking Lots	$0	$59,000	$0	$0	$0	$59,000
63	313	1998 Vermeer Branch Chipper	$0	$54,000	$0	$0	$0	$54,000
64	56	MPI - Bloomingdale Rd (Loop)	$0	$52,000	$0	$0	$0	$52,000
65	113	VH Security System	$0	$46,000	$0	$0	$0	$46,000
66	446	Locker Replacements	$0	$45,000	$0	$0	$0	$45,000
67	298	2003 Ford 1-Ton Pick-up Vehicle #503	$0	$41,055	$0	$0	$0	$41,055
68	79	2000 GMC 3/4 Ton Pick-up Vehicle #200	$0	$38,660	$0	$0	$0	$38,660
69	300	2005 Chevrolet Colorado Vehicle #531	$0	$36,500	$0	$0	$0	$36,500
70	279	Records Management System	$0	$35,000	$0	$0	$0	$35,000
71	135	PW Facility Security Automated Access Gate	$0	$30,000	$0	$0	$0	$30,000
72	402	Eastside ground storage tank maintenance	$0	$30,000	$0	$0	$0	$30,000
73	120	Asphalt Paving Trailer	$0	$27,000	$0	$0	$0	$27,000
74	70	Eastgate Lift Station	$0	$25,000	$0	$0	$0	$25,000
75	73	Sewer - New & Replacement Equipment	$0	$23,400	$23,400	$23,400	$23,400	$93,600
76	57	MPI - Schick, Cardinal, Villa (Loop)	$0	$23,000	$0	$0	$0	$23,000
77	26	GPS Units for PW Vehicles	$0	$21,000	$0	$0	$0	$21,000
78	1	Winston Water Tower Maintenance	$0	$20,000	$350,000	$0	$0	$370,000
79	18	Village Drainage Improvements	$0	$20,000	$20,000	$20,000	$20,000	$80,000
80	196	Replace Network Switches	$0	$20,000	$0	$0	$0	$20,000

Village of Bloomingdale

Listing of CIP Projects and Sources

#	# of Projects	Project - Title	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
81	216	Veranda and Grill Room Furniture	$0	$20,000	$0	$0	$0	$20,000
82	449	Public Work Facility Gate Replacement	$0	$20,000	$0	$0	$0	$20,000
83	110	Replace Color Scanner	$0	$16,270	$0	$0	$0	$16,270
84	123	15,000 lb Capacity Automotive Lift	$0	$16,000	$0	$0	$0	$16,000
85	451	PD Sump Pump(s) Replacement	$0	$15,000	$0	$0	$0	$15,000
86	114	Sign Shop Equipment Vinyl Cutter & Software	$0	$14,000	$0	$0	$0	$14,000
87	4	Source - New & Replacement Equipment	$0	$13,200	$13,200	$13,200	$13,200	$52,800
88	77	WRF - New & Replacement Equipment	$0	$12,600	$12,600	$12,600	$12,600	$50,400
89	20	Local Drainage Improvements	$0	$12,000	$14,000	$14,000	$14,000	$54,000
90	259	GPS Units for WS Utility Vehicles	$0	$12,000	$0	$0	$0	$12,000
91	404	Televising Equipment - Push Camera	$0	$12,000	$0	$0	$0	$12,000
92	90	Mailing Machine	$0	$11,000	$0	$0	$0	$11,000
93	190	Valve Actuators Controller Upgrades	$0	$10,000	$8,000	$0	$10,000	$28,000
94	121	Hydraulic Concrete Breaker - Skid Steer Attachment	$0	$10,000	$0	$0	$0	$10,000
95	111	10,000 lb Capacity Automotive Lift	$0	$9,000	$0	$0	$0	$9,000
96	122	Walk Behind Concrete Scarifier	$0	$9,000	$0	$0	$0	$9,000
97	345	Greensair Lawnmower	$0	$8,000	$0	$0	$0	$8,000
98	207	Fieldworks Topdresser	$0	$7,000	$0	$0	$0	$7,000
99	150	Chemical Vacuum Induction Pump	$0	$6,200	$0	$0	$0	$6,200
100	101	Breath Machine	$0	$6,000	$0	$0	$0	$6,000
101	115	Sign Machine 50-inch Roller Applicator	$0	$6,000	$0	$0	$0	$6,000
102	99	Bird Dog Tracking System	$0	$5,000	$0	$0	$0	$5,000
103	74	WRF - FPA Improvements Phase 2B	$0	$0	$560,000	$6,880,000	$0	$7,440,000
104	5	MPI - Glenwood between Gary Ave & Schick Rd	$0	$0	$450,000	$480,000	$480,000	$1,410,000
105	282	New Salt Storage	$0	$0	$345,000	$0	$0	$345,000
106	153	2005 International Dump Truck #304	$0	$0	$154,115	$0	$0	$154,115
107	315	2005 John Deere 544 Endloader #JD544	$0	$0	$145,000	$0	$0	$145,000
108	193	SCADA for Filter Process	$0	$0	$130,000	$0	$0	$130,000
109	310	2003 Ford F450 Dump Truck Vehicle #703	$0	$0	$86,575	$0	$0	$86,575
110	152	2005 Dump Truck #705	$0	$0	$86,570	$0	$0	$86,570
111	260	Replace Meter Transceiver Units (MXU's)	$0	$0	$80,000	$80,000	$80,000	$240,000
112	312	2001 Ford New Holland Skidsteer Unit #180	$0	$0	$57,855	$0	$0	$57,855
113	98	Security System - Cameras & Sensors	$0	$0	$46,000	$0	$0	$46,000
114	299	2003 Ford 3/4 Ton Pick-up Vehicle #303	$0	$0	$40,600	$0	$0	$40,600
115	16	NPDES Phase 2 - Chloride Reduction Road Deicing	$0	$0	$40,000	$0	$0	$40,000
116	53	MPI - Lake and Fairfield	$0	$0	$40,000	$0	$0	$40,000
117	405	Pavement Saw - Walk Behind	$0	$0	$30,000	$0	$0	$30,000
118	71	Springfield Dr Lift Station	$0	$0	$25,000	$0	$0	$25,000
119	327	Sandtrap Rake Utility Vehicle	$0	$0	$21,055	$0	$0	$21,055
120	192	Main Control Building "C" Roof	$0	$0	$20,000	$0	$0	$20,000

Village of Bloomingdale

Listing of CIP Projects and Sources

#	# of Projects	Project - Title	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
121	126	Walk Behind Roller	$0	$0	$12,000	$0	$0	$12,000
122	214	GPS Irrigation System Computer	$0	$0	$8,855	$0	$0	$8,855
123	17	NPDES Phase 2 - Salt Storage Door	$0	$0	$7,000	$0	$0	$7,000
124	125	Pressure Washer	$0	$0	$7,000	$0	$0	$7,000
125	124	Replace Stander Lawn mower	$0	$0	$6,000	$0	$0	$6,000
126	197	Replace Laboratory Incubator	$0	$0	$6,000	$0	$0	$6,000
127	343	2005 6-Wheel Dump Truck Vehicle #105	$0	$0	$0	$172,540	$0	$172,540
128	304	2006 International 2 1/2 Ton Dump Vehicle #605	$0	$0	$0	$154,115	$0	$154,115
129	296	Ford F250 pick up Vehicle # 208	$0	$0	$0	$48,550	$0	$48,550
130	156	2008 Ford Expedition #308	$0	$0	$0	$44,505	$0	$44,505
131	69	Lawrence Ave Lift Station	$0	$0	$0	$25,000	$0	$25,000
132	218	2007 Ford F-250 Pick-up Truck	$0	$0	$0	$24,345	$0	$24,345
133	189	Skylights	$0	$0	$0	$15,000	$0	$15,000
134	155	2007 International Dump Truck #106	$0	$0	$0	$0	$154,115	$154,115
135	328	2007 International 7400 Dump Vehicle #206	$0	$0	$0	$0	$154,115	$154,115
136	441	MQ Generator DB138IJ Unit #501	$0	$0	$0	$0	$53,765	$53,765
137	358	Kubota 4WD Tractor #B2106	$0	$0	$0	$0	$33,680	$33,680
138	213	Multi-Pro Turf Sprayer	$0	$0	$0	$0	$23,805	$23,805
139	3	Water Storage	$0	$0	$0	$0	$0	$0
140	13	Springbrook Erosion Control	$0	$0	$0	$0	$0	$0
141	15	Lake Illini Retention Pond Sediment Removal	$0	$0	$0	$0	$0	$0
142	27	OH-Glen Ellyn Road - Ironwood to Carriage Way	$0	$0	$0	$0	$0	$0
143	28	OH-Glen Ellyn Road - Carriage Way to Harvard	$0	$0	$0	$0	$0	$0
144	29	OH-Bloomingdale Road - Greenway to Fairfield Way	$0	$0	$0	$0	$0	$0
145	30	OH-Bloomingdale Road - Fessler to Picton	$0	$0	$0	$0	$0	$0
146	32	OH-Gary Avenue - Lawrence to Foster	$0	$0	$0	$0	$0	$0
147	33	OH-Gary Avenue - 700' South of Foster to Foster	$0	$0	$0	$0	$0	$0
148	34	OH-Gary Avenue - Lawrence to Meijer N Property Line	$0	$0	$0	$0	$0	$0
149	35	OH-Medinah Road - Byron to Lake	$0	$0	$0	$0	$0	$0
150	36	OH-Medinah Road - Lake to Spring Valley	$0	$0	$0	$0	$0	$0
151	37	OH-Lawrence Avenue - Gary to Thorn	$0	$0	$0	$0	$0	$0
152	38	OH-Lawrence Avenue - Wheaton to Springfield	$0	$0	$0	$0	$0	$0
153	39	OH-Lawrence Avenue - Garden to Springfield	$0	$0	$0	$0	$0	$0
154	40	OH-Broker Road - Circle to St Francis	$0	$0	$0	$0	$0	$0
155	41	OH-Thorn Road - Corporate Limits to Lawrence	$0	$0	$0	$0	$0	$0
156	42	OH-North Circle Avenue - Lake to Sunset	$0	$0	$0	$0	$0	$0
157	43	OH-Old Gary Road - CNRR to N of Army Trail Road	$0	$0	$0	$0	$0	$0
158	52	MPI - East Army Trail Rd (loop)	$0	$0	$0	$0	$0	$0
159	54	MPI - Cavalry Drive Area	$0	$0	$0	$0	$0	$0
160	55	MPI - Medinah Rd (Loop)	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources

	# of Projects	#	Project - Title	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
161	60	MPI - N Bloomingdale Rd (Loop)		$0	$0	$0	$0	$0	$0
162	61	MPI - Brighton Dr (Loop)		$0	$0	$0	$0	$0	$0
163	64	Distribution - New and Replacement Equipment		$0	$0	$0	$0	$0	$0
164	65	2004 Chevy Astro Van #104		$0	$0	$0	$0	$0	$0
165	66	East Army Trail Rd Redevelopment Area		$0	$0	$0	$0	$0	$0
166	75	WRF - FPA Improvements - Phase 4		$0	$0	$0	$0	$0	$0
167	76	WRF - FPA Improvements - Phase 3		$0	$0	$0	$0	$0	$0
168	80	2001 International 2 1/2 Ton Dump Vehicle #101		$0	$0	$0	$0	$0	$0
169	91	Weather Warning Siren - East Side Pump Station		$0	$0	$0	$0	$0	$0
170	92	Weather Warning Siren - Old Town Park		$0	$0	$0	$0	$0	$0
171	93	Weather Warning Siren - Stratford Park		$0	$0	$0	$0	$0	$0
172	94	Weather Warning Siren - Schick Road		$0	$0	$0	$0	$0	$0
173	95	Weather Warning Siren System Controller		$0	$0	$0	$0	$0	$0
174	100	Thermal Imager		$0	$0	$0	$0	$0	$0
175	106	Replace Phone System		$0	$0	$0	$0	$0	$0
176	107	Replace Geo XH GPS Mapping System		$0	$0	$0	$0	$0	$0
177	112	19' Mobile Scissor Lift Replacement		$0	$0	$0	$0	$0	$0
178	118	Asphalt Paver		$0	$0	$0	$0	$0	$0
179	119	Self Propelled Asphalt Compactor		$0	$0	$0	$0	$0	$0
180	130	Server Virtualization		$0	$0	$0	$0	$0	$0
181	138	Solar Powered LED Speed Advisory System		$0	$0	$0	$0	$0	$0
182	158	RP-Lake Street Reservoir - Meacham Grove Trail		$0	$0	$0	$0	$0	$0
183	159	RP-Army Trail Road - Cardinal to Meadowlark		$0	$0	$0	$0	$0	$0
184	160	RP-Clearbrook Drive		$0	$0	$0	$0	$0	$0
185	161	RP-Fairfield Way		$0	$0	$0	$0	$0	$0
186	164	RP-Carriage Way - Glen Ellyn to Medinah Grove		$0	$0	$0	$0	$0	$0
187	165	RP-Schick Road - Bloomingdale to Cardinal		$0	$0	$0	$0	$0	$0
188	166	RP-Schick Road - Cardinal to Los Lagos		$0	$0	$0	$0	$0	$0
189	167	RP-Schick Road - Los Lagos to Springfield		$0	$0	$0	$0	$0	$0
190	169	RP-DuJardin to Park District		$0	$0	$0	$0	$0	$0
191	172	RP-Lake Street - William Way to Springfield		$0	$0	$0	$0	$0	$0
192	173	RP-Gary Avenue - IC RR To Scott		$0	$0	$0	$0	$0	$0
193	174	RP-Schick Road - Los Lagos		$0	$0	$0	$0	$0	$0
194	175	RP-Springfield Drive - Mall Entrance to Army Trail Road		$0	$0	$0	$0	$0	$0
195	179	Village-wide Sidewalk Linkages		$0	$0	$0	$0	$0	$0
196	180	Street Light Enhancement Program		$0	$0	$0	$0	$0	$0
197	191	SCADA		$0	$0	$0	$0	$0	$0
198	198	4X4 Utility Vehicle		$0	$0	$0	$0	$0	$0
199	202	Ford Tractor		$0	$0	$0	$0	$0	$0
200	203	Bern Dualspin Grinder		$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources

	# of Projects	#	Project - Title	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
201	204	Bern Bedknife Grinder		$0	$0	$0	$0	$0	$0
202	209	New Holland Skid Steer Loader		$0	$0	$0	$0	$0	$0
203	211	Pond Aerator		$0	$0	$0	$0	$0	$0
204	239	Fire Hydrant Painting Program		$0	$0	$0	$0	$0	$0
205	242	New Holland Front End Loaders with implement		$0	$0	$0	$0	$0	$0
206	245	JD Fairway Mower - two (2)		$0	$0	$0	$0	$0	$0
207	246	Lake Street Monument Identification Sign		$0	$0	$0	$0	$0	$0
208	251	JD Hybrid Diesel Mower - two (2)		$0	$0	$0	$0	$0	$0
209	256	JD Turf Gator Utility Carts - four (4)		$0	$0	$0	$0	$0	$0
210	265	Clearbrook Drive - Drainage Ditch Enclosure		$0	$0	$0	$0	$0	$0
211	268	Willowbrook Drive Culvert Replacement		$0	$0	$0	$0	$0	$0
212	270	East Lake Street TIF		$0	$0	$0	$0	$0	$0
213	316	2008 International Flat Bed #108		$0	$0	$0	$0	$0	$0
214	274	Tire Machine		$0	$0	$0	$0	$0	$0
215	294	Chlorination System Upgrade		$0	$0	$0	$0	$0	$0
216	311	1993 Ford New Holland Skidsteer Unit #785		$0	$0	$0	$0	$0	$0
217	325	Street Light Installation End of Fairfield Court		$0	$0	$0	$0	$0	$0
218	321	Hydraulic Truck Mounted Material Spreader/Conveyor		$0	$0	$0	$0	$0	$0
219	322	5,000 gallon Chemical Tank		$0	$0	$0	$0	$0	$0
220	323	Paint/Stain Sprayer		$0	$0	$0	$0	$0	$0
221	329	2009 International 7400 Truck w/ Vactor 2112 #109		$0	$0	$0	$0	$0	$0
222	330	Ryan Aerator		$0	$0	$0	$0	$0	$0
223	331	2012 Ford 1 Ton Pick-up, Vehicle #612		$0	$0	$0	$0	$0	$0
224	335	JD Turf Gator Utility Carts - three (3)		$0	$0	$0	$0	$0	$0
225	337	JD Gator Utility Cart		$0	$0	$0	$0	$0	$0
226	332	2014 Dodge Tradesman Van, Vehicle #314		$0	$0	$0	$0	$0	$0
227	338	2012 F350 Truck Vehicle Replacement #412		$0	$0	$0	$0	$0	$0
228	339	2012 Truck F-350 Vehicle Replacement #312		$0	$0	$0	$0	$0	$0
229	340	2014 F250 Truck Vehicle Replacement #114		$0	$0	$0	$0	$0	$0
230	341	2012 Manlift Truck Vehicle #112		$0	$0	$0	$0	$0	$0
231	342	Cushman Utility Cart		$0	$0	$0	$0	$0	$0
232	347	Jacobsen Turfcat Mower with 72" Deck		$0	$0	$0	$0	$0	$0
233	352	Comparator 8 Channel Repeater		$0	$0	$0	$0	$0	$0
234	353	Squad Car Video Camera System		$0	$0	$0	$0	$0	$0
235	354	Handheld Meter Readers (2)		$0	$0	$0	$0	$0	$0
236	355	Composite Sketch Software		$0	$0	$0	$0	$0	$0
237	351	Fleet Analysis CFA Software		$0	$0	$0	$0	$0	$0
238	356	Mini Excavator - CAT305		$0	$0	$0	$0	$0	$0
239	357	Gold Elite Console		$0	$0	$0	$0	$0	$0
240	350	Single Band Portable Radio		$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources

# of Projects	#	Project - Title	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
241	359	JULIE System Teleticket Pro System	$0	$0	$0	$0	$0	$0
242	360	Vehicle Transceiver Unit	$0	$0	$0	$0	$0	$0
243	361	Trailer (Rolls Rite- 25KP25HD-LP) #T408	$0	$0	$0	$0	$0	$0
244	362	Hydraulics Saw Package - ICS	$0	$0	$0	$0	$0	$0
245	363	Ingersol Rand Air Compressor Unit #692	$0	$0	$0	$0	$0	$0
246	365	Hydromatic 15 HP Submersible Pump - S10065171	$0	$0	$0	$0	$0	$0
247	367	6" Dri-Prime Portable Pump & Trailer	$0	$0	$0	$0	$0	$0
248	368	Influent Odor Control Activated Carbon Drum Scrubber	$0	$0	$0	$0	$0	$0
249	369	Post Aeration System - Submersible Aspirating Aerator	$0	$0	$0	$0	$0	$0
250	370	Biosolids Polymer/Chemical Mixing and Feed System	$0	$0	$0	$0	$0	$0
251	366	Generator	$0	$0	$0	$0	$0	$0
252	371	Logging Recorder	$0	$0	$0	$0	$0	$0
253	372	Tandem Copier-W7835PT (2)	$0	$0	$0	$0	$0	$0
254	373	Digital Process Control Computers	$0	$0	$0	$0	$0	$0
255	374	Biosolids Sludge Pump CDQ DAA (East)	$0	$0	$0	$0	$0	$0
256	375	Biosolids Sludge Pump CDQ DAA (West)	$0	$0	$0	$0	$0	$0
257	378	Radio Receiver	$0	$0	$0	$0	$0	$0
258	379	Satellite Receiver	$0	$0	$0	$0	$0	$0
259	380	Cardinal Water Tower Receiver	$0	$0	$0	$0	$0	$0
260	381	VHF Radio Base Station	$0	$0	$0	$0	$0	$0
261	382	LAN / Chassis Router	$0	$0	$0	$0	$0	$0
262	384	5075 Imagerunner Copier	$0	$0	$0	$0	$0	$0
263	383	Booking Room Security System	$0	$0	$0	$0	$0	$0
264	385	KM-4050 Copier	$0	$0	$0	$0	$0	$0
265	387	Docrecord Automation Server	$0	$0	$0	$0	$0	$0
266	386	Console Furniture	$0	$0	$0	$0	$0	$0
267	388	C360 Copier/Printer	$0	$0	$0	$0	$0	$0
268	389	Security System-Multi Channel Video	$0	$0	$0	$0	$0	$0
269	390	Mini Message Board	$0	$0	$0	$0	$0	$0
270	391	Modular Workstation (2)	$0	$0	$0	$0	$0	$0
271	392	Brake Lathe	$0	$0	$0	$0	$0	$0
272	394	Spray Cabinet	$0	$0	$0	$0	$0	$0
273	396	Treekeeper Software	$0	$0	$0	$0	$0	$0
274	397	Lawn Mower #1224-000	$0	$0	$0	$0	$0	$0
275	398	Compressor	$0	$0	$0	$0	$0	$0
276	426	2016 Ford Transit 150 Van, Vehicle #116	$0	$0	$0	$0	$0	$0
277	429	Cardinal Water Tower Maintenance	$0	$0	$0	$0	$0	$0
278	430	Gary Ave. Pump Station Water Ground Storage Tanks Mainten	$0	$0	$0	$0	$0	$0
279	431	Mac-Lander Trailer #UT104	$0	$0	$0	$0	$0	$0
280	437	Eastside Pump Station Roof Replacement	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources

#	Project - Title	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
281	442 MQ Generator 31089-USTB Unit #704		$0	$0	$0	$0	$0	$0
282	443 Doosan Generator G125WCU-3Q-T4i		$0	$0	$0	$0	$0	$0
283	444 Gorman-Rupp 6" Pump Unit #688		$0	$0	$0	$0	$0	$0
	Total Projects	**283**	**$4,742,680**	**$9,865,265**	**$7,809,410**	**$10,258,685**	**$4,874,765**	**$37,550,805**

Sources - Funding Source							
01-General Fund		$923,000	$1,426,940	$674,000	$14,000	$14,000	$3,051,940
06-Motor Fuel Tax Fund		$991,680	$1,530,000	$3,141,000	$1,053,000	$2,632,000	$9,347,680
07-Home Rule Sales Tax Fund		$1,194,870	$4,412,000	$20,000	$20,000	$20,000	$5,666,870
10-Capital Equipment Replacement Fund		$366,220	$790,800	$898,940	$438,160	$348,780	$2,842,900
11-Community Relations & Events Fund		$204,295	$5,505	$0	$0	$0	$209,800
40-Water & Sewer Fund		$951,115	$1,612,520	$3,013,060	$8,676,680	$1,803,680	$16,057,055
45-Golf Course Fund		$111,500	$87,500	$62,410	$56,845	$56,305	$374,560
Total Sources - Funding Source	**7**	**$4,742,680**	**$9,865,265**	**$7,809,410**	**$10,258,685**	**$4,874,765**	**$37,550,805**

Village of Bloomingdale

Listing of CIP by Department by Category

Village of Bloomingdale

Listing of CIP by Department by Category

Department Administration & Finance

#	Category	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Vehicle - Replacement	0	$0	$0	$0	$0	$0	$0
2	Vehicle - New	0	$0	$0	$0	$0	$0	$0
3	Equipment - Replacement	4	$15,000	$61,000	$50,000	$0	$0	$126,000
4	Equipment - New	0	$0	$0	$0	$0	$0	$0
5	Road Program	0	$0	$0	$0	$0	$0	$0
6	IT	15	$42,245	$525,505	$200,000	$0	$0	$767,750
7	Underground OH Utilities	0	$0	$0	$0	$0	$0	$0
8	Recreational Path	0	$0	$0	$0	$0	$0	$0
9	Open Space Acquisitions	0	$0	$0	$0	$0	$0	$0
10	Other	1	$0	$0	$0	$0	$0	$0
11	Water - Source of Supply	0	$0	$0	$0	$0	$0	$0
12	Water - Distribution System	0	$0	$0	$0	$0	$0	$0
13	Sewer - Sanitary Collection System	0	$0	$0	$0	$0	$0	$0
14	Sewer - Water Reclamation Facility	0	$0	$0	$0	$0	$0	$0
15	Stormwater Collection/Drainage	0	$0	$0	$0	$0	$0	$0
16	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Administration & Finance		**20**	**$57,245**	**$586,505**	**$250,000**	**$0**	**$0**	**$893,750**

Village of Bloomingdale

Listing of CIP by Department by Category

Department Police

#	Category	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Vehicle - Replacement	2	$114,600	$107,550	$343,800	$67,000	$40,550	$673,500
2	Vehicle - New	0	$0	$0	$0	$0	$0	$0
3	Equipment - Replacement	23	$0	$56,000	$46,000	$0	$0	$102,000
4	Equipment - New	0	$0	$0	$0	$0	$0	$0
5	Road Program	0	$0	$0	$0	$0	$0	$0
6	IT	1	$0	$35,000	$0	$0	$0	$35,000
7	Underground OH Utilities	0	$0	$0	$0	$0	$0	$0
8	Recreational Path	0	$0	$0	$0	$0	$0	$0
9	Open Space Acquisitions	0	$0	$0	$0	$0	$0	$0
10	Other	0	$0	$0	$0	$0	$0	$0
11	Water - Source of Supply	0	$0	$0	$0	$0	$0	$0
12	Water - Distribution System	0	$0	$0	$0	$0	$0	$0
13	Sewer - Sanitary Collection System	0	$0	$0	$0	$0	$0	$0
14	Sewer - Water Reclamation Facility	0	$0	$0	$0	$0	$0	$0
15	Stormwater Collection/Drainage	0	$0	$0	$0	$0	$0	$0
16	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Police		**26**	**$114,600**	**$198,550**	**$389,800**	**$67,000**	**$40,550**	**$810,500**

Village of Bloomingdale

Listing of CIP by Department by Category

Department Village Services

#	Category	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Vehicle - Replacement	27	$353,800	$633,710	$367,860	$247,170	$308,230	$1,910,770
2	Vehicle - New	0	$0	$0	$0	$0	$0	$0
3	Equipment - Replacement	69	$277,000	$417,400	$227,855	$172,540	$87,445	$1,182,240
4	Equipment - New	13	$92,000	$135,000	$70,000	$0	$0	$297,000
5	Road Program	1	$783,780	$1,530,000	$3,141,000	$1,053,000	$2,632,000	$9,139,780
6	IT	2	$11,000	$16,270	$0	$0	$0	$27,270
7	Underground OH Utilities	16	$0	$0	$0	$0	$0	$0
8	Recreational Path	15	$123,420	$0	$0	$0	$0	$123,420
9	Open Space Acquisitions	0	$0	$0	$0	$0	$0	$0
10	Other	11	$2,281,220	$770,000	$345,000	$0	$0	$3,396,220
11	Water - Source of Supply	8	$0	$63,200	$443,200	$93,200	$93,200	$692,800
12	Water - Distribution System	14	$90,000	$579,000	$1,086,300	$1,076,300	$1,076,300	$3,907,900
13	Sewer - Sanitary Collection System	10	$135,000	$572,200	$492,200	$492,200	$467,200	$2,158,800
14	Sewer - Water Reclamation Facility	15	$312,115	$63,930	$892,785	$6,966,430	$79,535	$8,314,795
15	Stormwater Collection/Drainage	8	$0	$4,232,000	$41,000	$34,000	$34,000	$4,341,000
16	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Village Service		**209**	**$4,459,335**	**$9,012,710**	**$7,107,200**	**$10,134,840**	**$4,777,910**	**$35,491,995**

Village of Bloomingdale

Listing of CIP by Department by Category

Department Golf Course

#	Category	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Vehicle - Replacement	1	$0	$0	$0	$24,345	$0	$24,345
2	Vehicle - New	0	$0	$0	$0	$0	$0	$0
3	Equipment - Replacement	23	$44,000	$35,000	$29,910	$0	$23,805	$132,715
4	Equipment - New	1	$20,000	$0	$0	$0	$0	$20,000
5	Road Program	0	$0	$0	$0	$0	$0	$0
6	IT	0	$0	$0	$0	$0	$0	$0
7	Underground OH Utilities	0	$0	$0	$0	$0	$0	$0
8	Recreational Path	0	$0	$0	$0	$0	$0	$0
9	Open Space Acquisitions	0	$0	$0	$0	$0	$0	$0
10	Other	0	$0	$0	$0	$0	$0	$0
11	Water - Source of Supply	0	$0	$0	$0	$0	$0	$0
12	Water - Distribution System	0	$0	$0	$0	$0	$0	$0
13	Sewer - Sanitary Collection System	0	$0	$0	$0	$0	$0	$0
14	Sewer - Water Reclamation Facility	0	$0	$0	$0	$0	$0	$0
15	Stormwater Collection/Drainage	0	$0	$0	$0	$0	$0	$0
16	Golf Course	3	$47,500	$32,500	$32,500	$32,500	$32,500	$177,500
Total Golf Course		**28**	**$111,500**	**$67,500**	**$62,410**	**$56,845**	**$56,305**	**$354,560**

Village of Bloomingdale

Listing of CIP by Department by Category

Department All

#	Category	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Vehicle - Replacement	30	$468,400	$741,260	$711,660	$338,515	$348,780	$2,608,615
2	Vehicle - New	0	$0	$0	$0	$0	$0	$0
3	Equipment - Replacement	119	$336,000	$569,400	$353,765	$172,540	$111,250	$1,542,955
4	Equipment - New	14	$112,000	$135,000	$70,000	$0	$0	$317,000
5	Road Program	1	$783,780	$1,530,000	$3,141,000	$1,053,000	$2,632,000	$9,139,780
6	IT	18	$53,245	$576,775	$200,000	$0	$0	$830,020
7	Underground OH Utilities	16	$0	$0	$0	$0	$0	$0
8	Recreational Path	15	$123,420	$0	$0	$0	$0	$123,420
9	Open Space Acquisitions	0	$0	$0	$0	$0	$0	$0
10	Other	12	$2,281,220	$770,000	$345,000	$0	$0	$3,396,220
11	Water - Source of Supply	8	$0	$63,200	$443,200	$93,200	$93,200	$692,800
12	Water - Distribution System	14	$90,000	$579,000	$1,086,300	$1,076,300	$1,076,300	$3,907,900
13	Sewer - Sanitary Collection System	10	$135,000	$572,200	$492,200	$492,200	$467,200	$2,158,800
14	Sewer - Water Reclamation Facility	15	$312,115	$63,930	$892,785	$6,966,430	$79,535	$8,314,795
15	Stormwater Collection/Drainage	8	$0	$4,232,000	$41,000	$34,000	$34,000	$4,341,000
16	Golf Course	3	$47,500	$32,500	$32,500	$32,500	$32,500	$177,500
Total All		**283**	**$4,742,680**	**$9,865,265**	**$7,809,410**	**$10,258,685**	**$4,874,765**	**$37,550,805**

Village of Bloomingdale

Listing of CIP by Category by Department

Village of Bloomingdale

Listing of CIP by Category by Department

Category Vehicle - Replacement

#	Department	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	2	$114,600	$107,550	$343,800	$67,000	$40,550	$673,500
3	Village Services	27	$353,800	$633,710	$367,860	$247,170	$308,230	$1,910,770
4	Golf Course	1	$0	$0	$0	$24,345	$0	$24,345
Total Vehicle - Replacement		**30**	**$468,400**	**$741,260**	**$711,660**	**$338,515**	**$348,780**	**$2,608,615**

Category Vehicle - New

#	Department							
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	0	$0	$0	$0	$0	$0	$0
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Vehicle - New		**0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Category Equipment - Replacement

#	Department							
1	Administration & Finance	4	$15,000	$61,000	$50,000	$0	$0	$126,000
2	Police	23	$0	$56,000	$46,000	$0	$0	$102,000
3	Village Services	69	$277,000	$417,400	$227,855	$172,540	$87,445	$1,182,240
4	Golf Course	23	$44,000	$35,000	$29,910	$0	$23,805	$132,715
Total Equipment - Replacement		**119**	**$336,000**	**$569,400**	**$353,765**	**$172,540**	**$111,250**	**$1,542,955**

Village of Bloomingdale

Listing of CIP by Category by Department

Category Equipment - New

#	Department	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	13	$92,000	$135,000	$70,000	$0	$0	$297,000
4	Golf Course	1	$20,000	$0	$0	$0	$0	$20,000
Total Equipment - New		**14**	**$112,000**	**$135,000**	**$70,000**	**$0**	**$0**	**$317,000**

Category Road Program

#	Department	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	1	$783,780	$1,530,000	$3,141,000	$1,053,000	$2,632,000	$9,139,780
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Road Program		**1**	**$783,780**	**$1,530,000**	**$3,141,000**	**$1,053,000**	**$2,632,000**	**$9,139,780**

Category IT

#	Department	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Administration & Finance	15	$42,245	$525,505	$200,000	$0	$0	$767,750
2	Police	1	$0	$35,000	$0	$0	$0	$35,000
3	Village Services	2	$11,000	$16,270	$0	$0	$0	$27,270
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total IT		**18**	**$53,245**	**$576,775**	**$200,000**	**$0**	**$0**	**$830,020**

Village of Bloomingdale

Listing of CIP by Category by Department

Category Underground OH Utilities

#	Department	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	16	$0	$0	$0	$0	$0	$0
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Underground OH Utilities		**16**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Category Recreational Path

#	Department							
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	15	$123,420	$0	$0	$0	$0	$123,420
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Recreational Path		**15**	**$123,420**	**$0**	**$0**	**$0**	**$0**	**$123,420**

Category Open Space Acquisitions

#	Department							
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	0	$0	$0	$0	$0	$0	$0
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Open Space Acquisitions		**0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Village of Bloomingdale

Listing of CIP by Category by Department

Category Other

#	Department	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Administration & Finance	1	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	11	$2,281,220	$770,000	$345,000	$0	$0	$3,396,220
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Other		**12**	**$2,281,220**	**$770,000**	**$345,000**	**$0**	**$0**	**$3,396,220**

Category Water - Source of Supply

#	Department							
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	8	$0	$63,200	$443,200	$93,200	$93,200	$692,800
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Water - Source of Supply		**8**	**$0**	**$63,200**	**$443,200**	**$93,200**	**$93,200**	**$692,800**

Category Water - Distribution System

#	Department							
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	14	$90,000	$579,000	$1,086,300	$1,076,300	$1,076,300	$3,907,900
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Water - Distribution System		**14**	**$90,000**	**$579,000**	**$1,086,300**	**$1,076,300**	**$1,076,300**	**$3,907,900**

Village of Bloomingdale

Listing of CIP by Category by Department

Category Sewer - Sanitary Collection System

#	Department	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	10	$135,000	$572,200	$492,200	$492,200	$467,200	$2,158,800
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Sewer - Sanitary Collection System		**10**	**$135,000**	**$572,200**	**$492,200**	**$492,200**	**$467,200**	**$2,158,800**

Category Sewer - Water Reclamation Facility

#	Department							
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	15	$312,115	$63,930	$892,785	$6,966,430	$79,535	$8,314,795
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Sewer - Water Reclamation Facility		**15**	**$312,115**	**$63,930**	**$892,785**	**$6,966,430**	**$79,535**	**$8,314,795**

Category Stormwater Collection/Drainage

#	Department							
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	8	$0	$4,232,000	$41,000	$34,000	$34,000	$4,341,000
4	Golf Course	0	$0	$0	$0	$0	$0	$0
Total Stormwater Collection/Drainage		**8**	**$0**	**$4,232,000**	**$41,000**	**$34,000**	**$34,000**	**$4,341,000**

Village of Bloomingdale

Listing of CIP by Category by Department

Category Golf Course

#	Department	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	Administration & Finance	0	$0	$0	$0	$0	$0	$0
2	Police	0	$0	$0	$0	$0	$0	$0
3	Village Services	0	$0	$0	$0	$0	$0	$0
4	Golf Course	3	$47,500	$32,500	$32,500	$32,500	$32,500	$177,500
Total Golf Course		**3**	**$47,500**	**$32,500**	**$32,500**	**$32,500**	**$32,500**	**$177,500**

Category All

#	Department							
1	Administration & Finance	20	$57,245	$586,505	$250,000	$0	$0	$893,750
2	Police	26	$114,600	$198,550	$389,800	$67,000	$40,550	$810,500
3	Village Services	209	$4,459,335	$9,012,710	$7,107,200	$10,134,840	$4,777,910	$35,491,995
4	Golf Course	28	$111,500	$67,500	$62,410	$56,845	$56,305	$354,560
Total All		**283**	**$4,742,680**	**$9,865,265**	**$7,809,410**	**$10,258,685**	**$4,874,765**	**$37,550,805**

ADMINISTRATION
& FINANCE

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Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department **Administration & Finance**

#		Project - Title	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	199	Replace Desktop Computers		$15,000	$50,000	$50,000	$0	$0	$115,000
2	456	Information Systems Network Assessment		$15,000	$0	$0	$0	$0	$15,000
3	128	Replace Backup Disaster Recovery Solution Public Works		$7,000	$0	$0	$0	$0	$7,000
4	266	Village Website		$5,245	$5,505	$0	$0	$0	$10,750
5	104	Replace PD CIY Copier/Printer		$5,000	$0	$0	$0	$0	$5,000
6	454	Replace Public Works Copier		$5,000	$0	$0	$0	$0	$5,000
7	455	Village Services Copier/Printer		$5,000	$0	$0	$0	$0	$5,000
8	22	Replace Financial/ERP Software System		$0	$500,000	$200,000	$0	$0	$700,000
9	196	Replace Network Switches		$0	$20,000	$0	$0	$0	$20,000
10	90	Mailing Machine		$0	$11,000	$0	$0	$0	$11,000
11	106	Replace Phone System		$0	$0	$0	$0	$0	$0
12	130	Server Virtualization		$0	$0	$0	$0	$0	$0
13	270	East Lake Street TIF		$0	$0	$0	$0	$0	$0
14	372	Tandem Copier-W7835PT (2)		$0	$0	$0	$0	$0	$0
15	378	Radio Receiver		$0	$0	$0	$0	$0	$0
16	382	LAN / Chassis Router		$0	$0	$0	$0	$0	$0
17	384	5075 Imagerunner Copier		$0	$0	$0	$0	$0	$0
18	385	KM-4050 Copier		$0	$0	$0	$0	$0	$0
19	387	Docrecord Automation Server		$0	$0	$0	$0	$0	$0
20	388	C360 Copier/Printer		$0	$0	$0	$0	$0	$0
		Total Projects	**20**	**$57,245**	**$586,505**	**$250,000**	**$0**	**$0**	**$893,750**

Sources - Funding Source							
01-General Fund		$37,000	$418,400	$250,000	$0	$0	$705,400
07-Home Rule Sales Tax Fund		$0	$0	$0	$0	$0	$0
10-Capital Equipment Replacement Fund		$15,000	$162,600	$0	$0	$0	$177,600
11-Community Relations & Events Fund		$5,245	$5,505	$0	$0	$0	$10,750
Total Sources - Funding Source	**4**	**$57,245**	**$586,505**	**$250,000**	**$0**	**$0**	**$893,750**

Village of Bloomingdale
CIP Project Description

Project #: 199

Title: Replace Desktop Computers

Estimated Total Cost: $115,000

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

Department: Administration & Finance

Organization: 01-01-004-0000

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.

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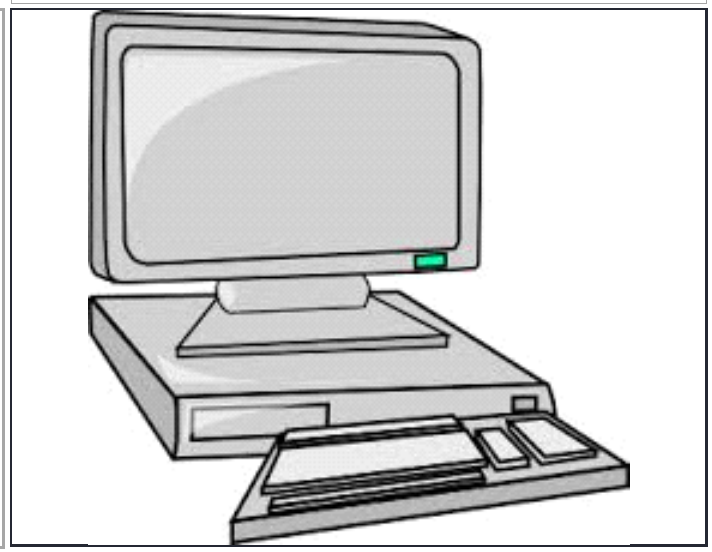

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000		$15,000	$50,000	$50,000			**$115,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$15,000**	**$50,000**	**$50,000**	**$0**	**$0**	**$115,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000		$15,000	$50,000	$50,000			**$115,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$15,000**	**$50,000**	**$50,000**	**$0**	**$0**	**$115,000**

Village of Bloomingdale
CIP Project Description

Project #: 456

Title: Information Systems Network Assessment

Estimated Total Cost: $15,000

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

Department: Administration & Finance

Organization: 01-01-004-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

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

Description:

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ISSUE: An IS security audit performed in FY16 raised questions regarding the overall system and identified components of the system that should be upgraded or replaced.

ANALYSIS: Components replaced or upgraded would be done to increase/maintain overall system security, reliability, speed, and productivity.

SOLUTION: Components purchased would be procured in accordance with the Village' s Procurement Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000		$15,000					$15,000
								$0
								$0
								$0
								$0
TOTAL		$0	$15,000	$0	$0	$0	$0	$15,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000		$15,000					$15,000
								$0
								$0
								$0
								$0
TOTAL		$0	$15,000	$0	$0	$0	$0	$15,000

Village of Bloomingdale
CIP Project Description

Project #: 128

Title: Replace Backup Disaster Recovery Solution Public Works

Estimated Total Cost: $7,000

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

Department: Administration & Finance

Organization: 01-01-004-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** **Start Project:** **End Project** Aug, 2016

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.

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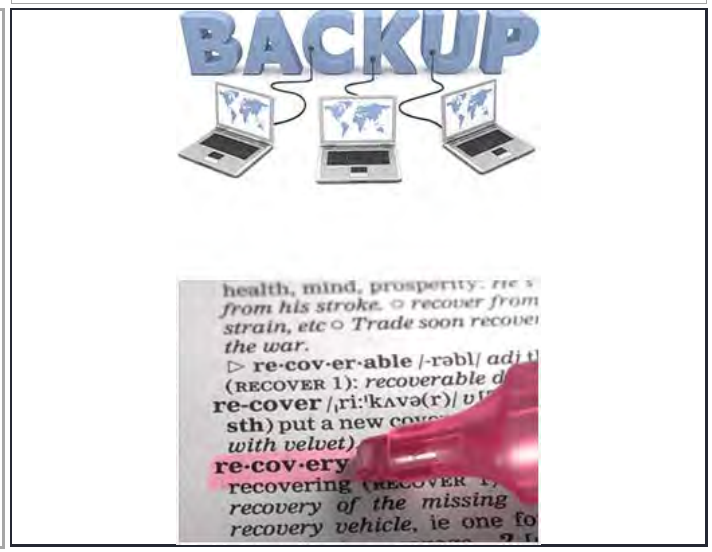

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000	$0	$7,000					$7,000
								$0
								$0
								$0
								$0
TOTAL		$0	$7,000	$0	$0	$0	$0	$7,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000	$0	$7,000					$7,000
								$0
								$0
								$0
								$0
TOTAL		$0	$7,000	$0	$0	$0	$0	$7,000

Village of Bloomingdale
CIP Project Description

Project #: 266

Title: Village Website

Estimated Total Cost: $25,585

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

Department: Administration & Finance

Organization: 11-01-002-0000

Category: IT

Organization Name: Administration

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\NoImage.jpg

ISSUE: The Drupal content management system utilized on the current Village and Employee website can no longer be supported.

ANALYSIS: In FY14 the Village requested proposals for the development of a new Village and Employee website to include ongoing maintenance and hosting for a period of five (5) years.

SOLUTION: The Village entered into a contract with a provider at a total five (5) year cost of $55,250. The cost for the initial website development was spread out over the first three (3) years of the contract and combined with the maintenance/support for each year for an annual cost of $14,833 years one (1) - three (3) of the contract, with only maintenance, support and hosting fees charged the last two years of the contract; $5,242 year four (4) and $5,504 year five (5) of the contract. The development project kicked-off in February 2014 and launched in October 2014.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
11-Community Relations & Events Fund	11-01-002-0000	$14,835	$5,245	$5,505				$25,585
								$0
								$0
								$0
								$0
TOTAL		$14,835	$5,245	$5,505	$0	$0	$0	$25,585

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
11-Community Relations & Events Fund	11-00-000-0000	$14,835	$5,245	$5,505				$25,585
								$0
								$0
								$0
								$0
TOTAL		$14,835	$5,245	$5,505	$0	$0	$0	$25,585

Village of Bloomingdale
CIP Project Description

Project #: 104

Title: Replace PD CIY Copier/Printer

Estimated Total Cost: $5,000

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

Department: Administration & Finance

Organization: 01-01-004-0000

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.

\\Bloom03\CIP\Images\copiersm.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000		$5,000					$5,000
								$0
								$0
								$0
								$0
TOTAL		$0	$5,000	$0	$0	$0	$0	$5,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000		$5,000					$5,000
								$0
								$0
								$0
								$0
TOTAL		$0	$5,000	$0	$0	$0	$0	$5,000

Village of Bloomingdale
CIP Project Description

Project #: 454

Title: Replace Public Works Copier

Estimated Total Cost: $5,000

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

Department: Administration & Finance

Organization: 01-01-004-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\copiersm.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000		$5,000					$5,000
								$0
								$0
								$0
								$0
TOTAL		$0	$5,000	$0	$0	$0	$0	$5,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000		$5,000					$5,000
								$0
								$0
								$0
								$0
TOTAL		$0	$5,000	$0	$0	$0	$0	$5,000

Village of Bloomingdale
CIP Project Description

Project #: 455

Title: Village Services Copier/Printer

Estimated Total Cost: $5,000

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

Department: Administration & Finance

Organization: 01-01-004-0000

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.

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EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000		$5,000					$5,000
								$0
								$0
								$0
								$0
TOTAL		$0	$5,000	$0	$0	$0	$0	$5,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000		$5,000					$5,000
								$0
								$0
								$0
								$0
TOTAL		$0	$5,000	$0	$0	$0	$0	$5,000

Village of Bloomingdale
CIP Project Description

Project #: 22

Title: Replace Financial/ERP Software System

Estimated Total Cost: $700,000

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

Department: Administration & Finance

Organization: 01-01-004-0002

Category: IT

Organization Name: Information Systems - Finance

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.

\\Bloom03\CIP\Images\Finance Report.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0002			$500,000	$200,000			**$700,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$500,000**	**$200,000**	**$0**	**$0**	**$700,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$151,600				**$151,600**
01-General Fund	01-00-000-0000			$348,400	$200,000			**$548,400**
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$500,000**	**$200,000**	**$0**	**$0**	**$700,000**

Village of Bloomingdale
CIP Project Description

Project #: 196

Title: Replace Network Switches

Estimated Total Cost: $20,000

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

Department: Administration & Finance

Organization: 01-01-004-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

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

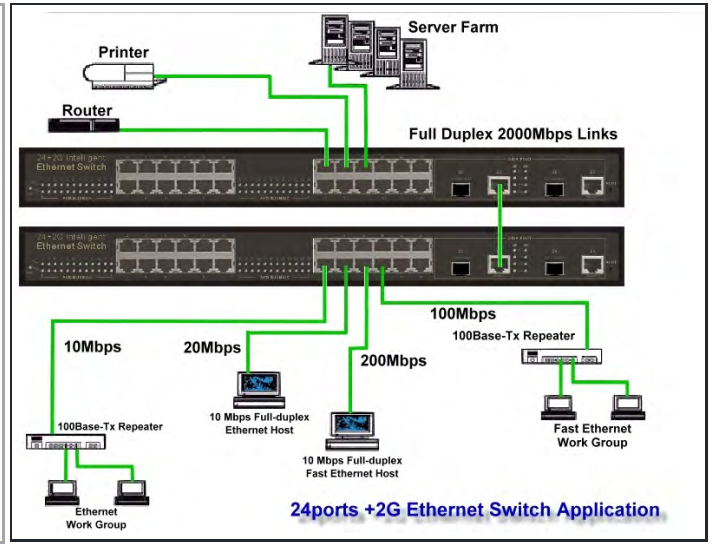
Description:

ISSUE: Switches will have reached their useful life.

ANALYSIS: The network switches, purchased and installed in 2007, 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.

\\Bloom03\CIP\Images\switch.png



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000			$20,000				$20,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$20,000	$0	$0	$0	$20,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000			$20,000				$20,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$20,000	$0	$0	$0	$20,000

Village of Bloomingdale
CIP Project Description

Project #: 90

Title: Mailing Machine

Estimated Total Cost: $11,000

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

Department: Administration & Finance

Organization: 01-02-000-0000

Category: Equipment - Replacement

Organization Name: Finance

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\Mailing Machine.jpg

ISSUE: The Village's mailing machine will have reached the end of its useful life.

ANALYSIS: All outgoing Village mail is processed through the mailing machine, which approximates 14,000 pieces of mail annually. It is anticipated that the machine will become obsolete and the manufacturer will no longer support the machine by FY18.

SOLUTION: The Finance Department will research vendors and options prior to purchasing a new machine. The purchase of a new machine is not anticipated to result in any additional operating costs. There could be some cost savings on equipment maintenance for the first three years after purchase as it is anticipated that the new machine will include a three-year maintenance warranty.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-02-000-0000			$11,000				$11,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$11,000	$0	$0	$0	$11,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$11,000				$11,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$11,000	$0	$0	$0	$11,000

Village of Bloomingdale
CIP Project Description

Project #: 106

Title: Replace Phone System

Estimated Total Cost: $0

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

Department: Administration & Finance

Organization: 01-01-004-0000

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.

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EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 130

Title: Server Virtualization

Estimated Total Cost: $0

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

Department: Administration & Finance

Organization: 01-01-004-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

New/Replacement: ◉ Major Maintenance: ○ Complete Design/Plan: Aug, 2014 Start Project: End Project Jan, 2016

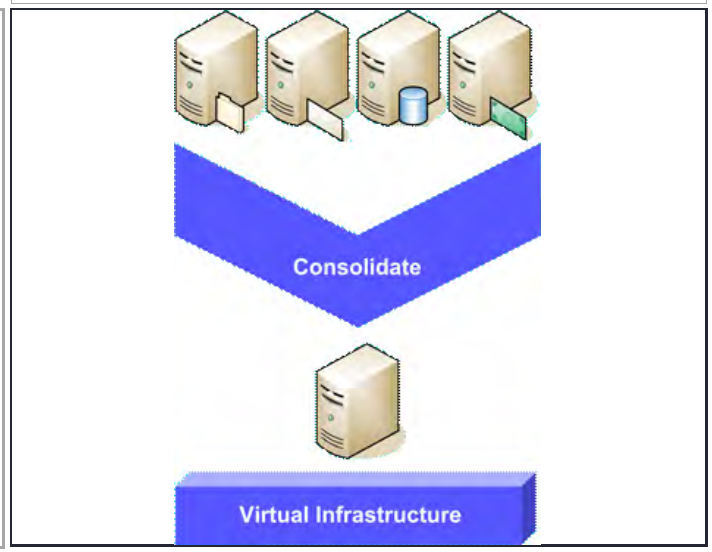
Description:

ISSUE: The Village maintains eight physical servers. Six of the server are due to be replaced because of age.

ANALYSIS: Virtualizing the servers into two physical servers reduces hardware and energy costs and allows for redundant replication across the network providing for business continuity at an extremely quick response time.

SOLUTION: Contract with a consultant to provide hardware and configuration.

\\Bloom03\CIP\Images\servervirt.png



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000	$0						$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$0						$0
01-General Fund	01-00-000-0000	$0						$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 270

Title: East Lake Street TIF

Estimated Total Cost: $0

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

Department: Administration & Finance

Organization: 07-01-002-0019

Category: Other

Organization Name: Economic Development

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\NoImage.jpg

ISSUE: The Village wishes to become more actively involved in remedying the stagnation and deterioration of the East Lake Street commercial corridor.

ANALYSIS: One of the goals is to have the Village take the lead on proposing remedies for the stagnation and deterioration of the East Lake Street commercial corridor, including: Circle Avenue sites composed of the vacant Abbot site, the vacant gas station site and the small commercial strip; plus the two (2) vacant restaurant sites further to the east.

SOLUTION: All professional services and land acquisition costs to accommodate the creation of the East Lake Street TIF have been included in this program. It would be anticipated that all start-up costs, including parcel assemblage, would be front funded through the Home Rule Sales Tax Fund, with reimbursement at a later day from a new TIF fund. Land acquisition has been estimated at an average cost of $800,000 per parcel cost for three (3) parcels. Demolition of structures has not been included in this cost estimate, as it would be anticipated that those costs would be incurred by a future developer or a new TIF fund.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-01-002-0019	$0						$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$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: Administration & Finance

Organization: 01-01-004-0000

Category: Equipment - Replacement

Organization Name: Information Systems

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Administration & Finance

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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0300							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Administration & Finance

Organization: 01-01-004-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 384

Title: 5075 Imagerunner Copier

Estimated Total Cost: $0

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

Department: Administration & Finance

Organization: 01-01-004-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\NoImage.jpg

ISSUE: The 5075 Imagerunner Copier 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 since FY09.

SOLUTION: The Village will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 385

Title: KM-4050 Copier

Estimated Total Cost: $0

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

Department: Administration & Finance

Organization: 01-01-004-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

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

Description:

ISSUE: The KM-4050 Copier 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 since FY09.

SOLUTION: The Village will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

\\Bloom03\CIP\Images\NoImage.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Administration & Finance

Organization: 01-01-004-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Administration & Finance

Organization: 01-01-004-0000

Category: IT

Organization Name: Information Systems

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\NoImage.jpg

ISSUE: The C360 Copier/Printer 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 since FY12.

SOLUTION: The Village will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

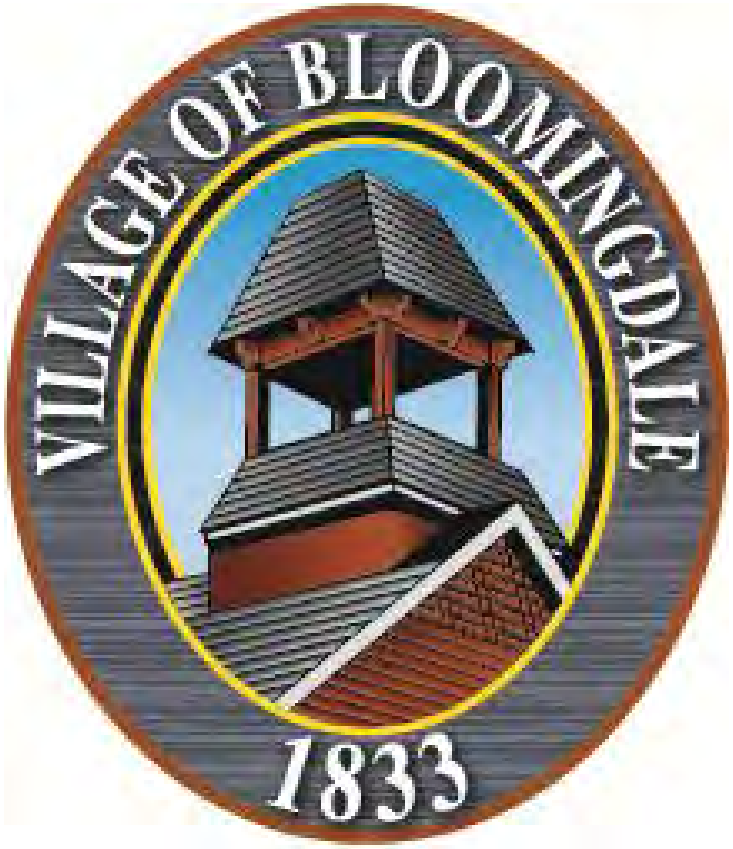
FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Administration & Finance**							
Category	**Equipment - Replacement**							
199	Replace Desktop Computers		$15,000	$50,000	$50,000	$0	$0	$115,000
90	Mailing Machine		$0	$11,000	$0	$0	$0	$11,000
378	Radio Receiver		$0	$0	$0	$0	$0	$0
372	Tandem Copier-W7835PT (2)		$0	$0	$0	$0	$0	$0
Total Equipment - Replacement		**4**	**$15,000**	**$61,000**	**$50,000**	**$0**	**$0**	**$126,000**
Category	**IT**							
456	Information Systems Network Assessment		$15,000	$0	$0	$0	$0	$15,000
128	Replace Backup Disaster Recovery Solution Public W		$7,000	$0	$0	$0	$0	$7,000
266	Village Website		$5,245	$5,505	$0	$0	$0	$10,750
455	Village Services Copier/Printer		$5,000	$0	$0	$0	$0	$5,000
454	Replace Public Works Copier		$5,000	$0	$0	$0	$0	$5,000
104	Replace PD CIY Copier/Printer		$5,000	$0	$0	$0	$0	$5,000
22	Replace Financial/ERP Software System		$0	$500,000	$200,000	$0	$0	$700,000
196	Replace Network Switches		$0	$20,000	$0	$0	$0	$20,000
106	Replace Phone System		$0	$0	$0	$0	$0	$0
388	C360 Copier/Printer		$0	$0	$0	$0	$0	$0
387	Docrecord Automation Server		$0	$0	$0	$0	$0	$0
385	KM-4050 Copier		$0	$0	$0	$0	$0	$0
384	5075 Imagerunner Copier		$0	$0	$0	$0	$0	$0
382	LAN / Chassis Router		$0	$0	$0	$0	$0	$0
130	Server Virtualization		$0	$0	$0	$0	$0	$0
Total IT		**15**	**$42,245**	**$525,505**	**$200,000**	**$0**	**$0**	**$767,750**
Category	**Other**							
270	East Lake Street TIF		$0	$0	$0	$0	$0	$0
Total Other		**1**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Total Administration & Finance		**20**	**$57,245**	**$586,505**	**$250,000**	**$0**	**$0**	**$893,750**

POLICE



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Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department **Police**

#		Project - Title	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	131	Marked Patrol Vehicles		$81,100	$40,550	$243,300	$0	$40,550	$405,500
2	132	Unmarked CIY Vehicles		$33,500	$67,000	$100,500	$67,000	$0	$268,000
3	446	Locker Replacements		$0	$45,000	$0	$0	$0	$45,000
4	279	Records Management System		$0	$35,000	$0	$0	$0	$35,000
5	101	Breath Machine		$0	$6,000	$0	$0	$0	$6,000
6	99	Bird Dog Tracking System		$0	$5,000	$0	$0	$0	$5,000
7	98	Security System - Cameras & Sensors		$0	$0	$46,000	$0	$0	$46,000
8	91	Weather Warning Siren - East Side Pump Station		$0	$0	$0	$0	$0	$0
9	92	Weather Warning Siren - Old Town Park		$0	$0	$0	$0	$0	$0
10	93	Weather Warning Siren - Stratford Park		$0	$0	$0	$0	$0	$0
11	94	Weather Warning Siren - Schick Road		$0	$0	$0	$0	$0	$0
12	95	Weather Warning Siren System Controller		$0	$0	$0	$0	$0	$0
13	100	Thermal Imager		$0	$0	$0	$0	$0	$0
14	352	Comparator 8 Channel Repeater		$0	$0	$0	$0	$0	$0
15	353	Squad Car Video Camera System		$0	$0	$0	$0	$0	$0
16	355	Composite Sketch Software		$0	$0	$0	$0	$0	$0
17	357	Gold Elite Console		$0	$0	$0	$0	$0	$0
18	350	Single Band Portable Radio		$0	$0	$0	$0	$0	$0
19	366	Generator		$0	$0	$0	$0	$0	$0
20	371	Logging Recorder		$0	$0	$0	$0	$0	$0
21	379	Satellite Receiver		$0	$0	$0	$0	$0	$0
22	380	Cardinal Water Tower Receiver		$0	$0	$0	$0	$0	$0
23	381	VHF Radio Base Station		$0	$0	$0	$0	$0	$0
24	383	Booking Room Security System		$0	$0	$0	$0	$0	$0
25	386	Console Furniture		$0	$0	$0	$0	$0	$0
26	389	Security System-Multi Channel Video		$0	$0	$0	$0	$0	$0
		Total Projects	**26**	**$114,600**	**$198,550**	**$389,800**	**$67,000**	**$40,550**	**$810,500**

Sources - Funding Source

01-General Fund		$0	$80,000	$0	$0	$0	$80,000
10-Capital Equipment Replacement Fund		$114,600	$118,550	$389,800	$67,000	$40,550	$730,500
Total Sources - Funding Source	**2**	**$114,600**	**$198,550**	**$389,800**	**$67,000**	**$40,550**	**$810,500**

Village of Bloomingdale
CIP Project Description

Project #: 131

Title: Marked Patrol Vehicles

Estimated Total Cost: $470,305

(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 six(6) marked vehicles will be replaced each year, as such vehicles reach the end of their useful life. In FY17, two (2)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.

\\Bloom03\CIP\Images\Police Interceptor.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0300	$64,805	$81,100	$40,550	$243,300	$0	$40,550	**$470,305**
								$0
								$0
								$0
								$0
TOTAL		**$64,805**	**$81,100**	**$40,550**	**$243,300**	**$0**	**$40,550**	**$470,305**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$64,805	$81,100	$40,550	$243,300	$0	$40,550	**$470,305**
								$0
								$0
								$0
								$0
TOTAL		**$64,805**	**$81,100**	**$40,550**	**$243,300**	**$0**	**$40,550**	**$470,305**

Village of Bloomingdale
CIP Project Description

Project #: 132

Title: Unmarked CIY Vehicles

Estimated Total Cost: $331,485

(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:

\\Bloom03\CIP\Images\PoliceInterceptorUnmarked.jpg

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 FY17, 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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0301	$63,485	$33,500	$67,000	$100,500	$67,000	$0	**$331,485**
								$0
								$0
								$0
								$0
TOTAL		**$63,485**	**$33,500**	**$67,000**	**$100,500**	**$67,000**	**$0**	**$331,485**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$63,485	$33,500	$67,000	$100,500	$67,000	$0	**$331,485**
								$0
								$0
								$0
								$0
TOTAL		**$63,485**	**$33,500**	**$67,000**	**$100,500**	**$67,000**	**$0**	**$331,485**

Village of Bloomingdale
CIP Project Description

Project #: 446

Title: Locker Replacements

Estimated Total Cost: $45,000

(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:

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ISSUE: The lockers in the Men's Locker room are showing wear and tear and are too small for the officers.

ANALYSIS: Presently each officer needs two lockers to secure their duty equipment including firearms.

SOLUTION: Replace the current lockers with new lockers which will accommodate the needs of our officers.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058			$45,000				$45,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$45,000	$0	$0	$0	$45,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000			$45,000				$45,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$45,000	$0	$0	$0	$45,000

Village of Bloomingdale
CIP Project Description

Project #: 279

Title: Records Management System

Estimated Total Cost: $35,000

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

Department: Police

Organization: 01-03-002-0001

Category: IT

Organization Name: Police - Administration

Complete: No ◉ Yes: ○

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

Description:

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ISSUE: The Police Department's current record management system is becoming obsolete as DuPage County is requiring all County Municipalities to be on the same records management system.

ANALYSIS: The Police Department requires a new records management system that will be compatible with the DuPage County Clerk's Office, States Attorney's office and the DuPage County Jail. Our present records management system will no longer be supported by DuPage County.

SOLUTION: The Police Department will cooperate with DuPage County for purchase and implementation of a new record management system. Additional operating costs or cost savings are not anticipated.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001			$35,000				$35,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$35,000	$0	$0	$0	$35,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000			$35,000				$35,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$35,000	$0	$0	$0	$35,000

Village of Bloomingdale
CIP Project Description

Project #: 101

Title: Breath Machine

Estimated Total Cost: $6,000

(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:

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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 FY18.

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

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0300			$6,000				$6,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$6,000	$0	$0	$0	$6,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$6,000				$6,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$6,000	$0	$0	$0	$6,000

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:

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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 FY18.

SOLUTION: Replace Bird Dog Tracking System.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0300			$5,000				$5,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$5,000	$0	$0	$0	$5,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$5,000				$5,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$5,000	$0	$0	$0	$5,000

Village of Bloomingdale
CIP Project Description

Project #: 98

Title: Security System - Cameras & Sensors

Estimated Total Cost: $46,000

(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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001				$46,000			$46,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$46,000	$0	$0	$46,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000				$46,000			$46,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$46,000	$0	$0	$46,000

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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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).

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EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 100

Title: Thermal Imager

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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0300							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0300							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 353

Title: Squad Car Video Camera System

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:

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ISSUE: Updating the Security System due to daily usage.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0300							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0301							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 357

Title: Gold Elite Console

Estimated Total Cost: $0

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

Department: Police

Organization: 01-03-002-0005

Category: Equipment - Replacement

Organization Name: Police - Records

Complete: No ◉ Yes: ○

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

Description:

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ISSUE: The Gold Elite Software A & B purchased in FY04 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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0005							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 350

Title: Single Band Portable Radio

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:

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

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0300							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0301							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-003-0301							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 386

Title: Console Furniture

Estimated Total Cost: $0

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

Department: Police

Organization: 01-03-002-0005

Category: Equipment - Replacement

Organization Name: Police - Records

Complete: No ◉ Yes: ○

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

Description:

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ISSUE: The console furniture purchased in FY04 is anticipated to reach the end of its useful life.

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

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

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0005							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-03-002-0001							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Police**							
Category	**Vehicle - Replacement**							
131	Marked Patrol Vehicles		$81,100	$40,550	$243,300	$0	$40,550	$405,500
132	Unmarked CIY Vehicles		$33,500	$67,000	$100,500	$67,000	$0	$268,000
Total Vehicle - Replacement		**2**	**$114,600**	**$107,550**	**$343,800**	**$67,000**	**$40,550**	**$673,500**
Category	**Equipment - Replacement**							
446	Locker Replacements		$0	$45,000	$0	$0	$0	$45,000
101	Breath Machine		$0	$6,000	$0	$0	$0	$6,000
99	Bird Dog Tracking System		$0	$5,000	$0	$0	$0	$5,000
98	Security System - Cameras & Sensors		$0	$0	$46,000	$0	$0	$46,000
371	Logging Recorder		$0	$0	$0	$0	$0	$0
95	Weather Warning Siren System Controller		$0	$0	$0	$0	$0	$0
100	Thermal Imager		$0	$0	$0	$0	$0	$0
366	Generator		$0	$0	$0	$0	$0	$0
355	Composite Sketch Software		$0	$0	$0	$0	$0	$0
353	Squad Car Video Camera System		$0	$0	$0	$0	$0	$0
352	Comparator 8 Channel Repeater		$0	$0	$0	$0	$0	$0
350	Single Band Portable Radio		$0	$0	$0	$0	$0	$0
357	Gold Elite Console		$0	$0	$0	$0	$0	$0
386	Console Furniture		$0	$0	$0	$0	$0	$0
94	Weather Warning Siren - Schick Road		$0	$0	$0	$0	$0	$0
91	Weather Warning Siren - East Side Pump Station		$0	$0	$0	$0	$0	$0
389	Security System-Multi Channel Video		$0	$0	$0	$0	$0	$0
383	Booking Room Security System		$0	$0	$0	$0	$0	$0
381	VHF Radio Base Station		$0	$0	$0	$0	$0	$0
380	Cardinal Water Tower Receiver		$0	$0	$0	$0	$0	$0
379	Satellite Receiver		$0	$0	$0	$0	$0	$0
92	Weather Warning Siren - Old Town Park		$0	$0	$0	$0	$0	$0
93	Weather Warning Siren - Stratford Park		$0	$0	$0	$0	$0	$0
Total Equipment - Replacement		**23**	**$0**	**$56,000**	**$46,000**	**$0**	**$0**	**$102,000**

Village of Bloomingdale

Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Police**							
Category	**IT**							
279	Records Management System		$0	$35,000	$0	$0	$0	$35,000
Total IT		**1**	**$0**	**$35,000**	**$0**	**$0**	**$0**	**$35,000**
Total Police		**26**	**$114,600**	**$198,550**	**$389,800**	**$67,000**	**$40,550**	**$810,500**

VILLAGE OF BLOOMINGDALE

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VILLAGE SERVICES

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Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department **Village Services**

#	# of Projects	Project - Title	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	182	Old Town Area - Street Improvements	$1,401,220	$0	$0	$0	$0	$1,401,220
2	234	Replace Traffic Signal Poles - Lake Street	$830,000	$0	$0	$0	$0	$830,000
3	144	Village-wide Street Improvement Program	$783,780	$1,530,000	$3,141,000	$1,053,000	$2,632,000	$9,139,780
4	186	Additional Alternative Back-up Electrical Power Sources	$225,000	$0	$0	$0	$0	$225,000
5	240	1998 International 1 1/2 ton Dump truck #297	$162,000	$0	$0	$0	$0	$162,000
6	305	2003 International 2 1/2 Ton Dump Vehicle #403	$158,000	$0	$0	$0	$0	$158,000
7	81	1997 JCB Back-Hoe Unit #597	$130,000	$0	$0	$0	$0	$130,000
8	162	RP-East Branch Trail - Carriage Way to Army Trail	$104,000	$0	$0	$0	$0	$104,000
9	140	SCADA Programmable Logic Controller Replacement	$70,000	$0	$0	$0	$0	$70,000
10	293	Grit Removal	$65,000	$0	$120,000	$0	$0	$185,000
11	67	Bloomingdale Rd Lift Station	$65,000	$0	$0	$0	$0	$65,000
12	82	1995 Sauber 1599-GT Generator Unit #395	$60,000	$0	$0	$0	$0	$60,000
13	134	VH Electronic Monument Sign	$54,000	$0	$0	$0	$0	$54,000
14	238	Fire Hydrant Replacement Program	$45,000	$100,000	$100,000	$100,000	$100,000	$445,000
15	237	Main Line Water Valve Replacement Program	$45,000	$45,000	$45,000	$45,000	$45,000	$225,000
16	285	Sanitary Sewer Wye & Manhole Sealing	$40,000	$40,000	$40,000	$40,000	$40,000	$200,000
17	301	2003 Ford 3/4 Ton Pick-up Vehicle #103	$33,800	$0	$0	$0	$0	$33,800
18	349	Sanitary Wye Replacement & Point Repair Program	$30,000	$30,000	$30,000	$30,000	$30,000	$150,000
19	229	VH Exterior South Retaining Wall	$30,000	$0	$0	$0	$0	$30,000
20	348	(DRSCW) Water Quality Improvement Assessment	$22,115	$35,130	$36,185	$58,830	$56,935	$209,195
21	418	Renovation of Finance/Admin Office Space & Annex	$20,000	$384,000	$0	$0	$0	$404,000
22	171	RP-Springfield Drive - Lawrence to Lake Street	$19,420	$0	$0	$0	$0	$19,420
23	393	Cold Planner	$17,000	$0	$0	$0	$0	$17,000
24	320	Utility Trailer	$15,000	$0	$0	$0	$0	$15,000
25	108	Replace HP Design 4500 Plotter	$11,000	$0	$0	$0	$0	$11,000
26	116	Automotive Diagnostic Scan Tool	$10,000	$0	$0	$0	$0	$10,000
27	458	Transmission Fluid Exchange Machine	$7,000	$0	$0	$0	$0	$7,000
28	457	Founders Park Electric Panel Replacement	$6,000	$0	$0	$0	$0	$6,000
29	271	Indian Lakes Open Space Area Development Program	$0	$4,200,000	$0	$0	$0	$4,200,000
30	72	Sanitary Sewer Main Improvements	$0	$373,800	$373,800	$373,800	$373,800	$1,495,200
31	63	Water Main Major Maintenance Improvements	$0	$260,000	$451,300	$451,300	$451,300	$1,613,900
32	262	Covington Corporate Center Sidewalk Project	$0	$192,000	$0	$0	$0	$192,000
33	306	2003 Ford 6-Wheeler Dump Vehicle #903	$0	$172,540	$0	$0	$0	$172,540
34	415	Public Works Garage Floor Resurface- Vehicle Maintenance & Vehi	$0	$115,000	$0	$0	$0	$115,000
35	62	MPI - Dee Ct - Morningside (Loop)	$0	$99,000	$0	$0	$0	$99,000

Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department **Village Services (Con't)**

#	# of Projects	Project - Title (Con't)	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
36	303	2002 Ford Dump Truck #302	$0	$86,570	$0	$0	$0	$86,570
37	68	North Circle Ave Lift Station	$0	$80,000	$0	$0	$0	$80,000
38	291	Gary Avenue Station #8 replace 200HP pump with new 60HP pump	$0	$80,000	$0	$0	$0	$80,000
39	302	1997 International 4700 Chipper Truck Vehicle #197	$0	$78,190	$0	$0	$0	$78,190
40	450	Police Department Elevator Renovations	$0	$70,000	$0	$0	$0	$70,000
41	83	1995 Travel-L-Vac 80 Valve Box Cleaner Unit #295	$0	$61,400	$0	$0	$0	$61,400
42	241	1991 Ford Pick-up Truck #491	$0	$60,065	$0	$0	$0	$60,065
43	308	2005 Ford 1 Ton Pick-up Vehicle #305	$0	$60,065	$0	$0	$0	$60,065
44	309	2005 Ford 1 Ton Pick-up Vehicle #505	$0	$60,065	$0	$0	$0	$60,065
45	24	PW Facility Security System	$0	$60,000	$0	$0	$0	$60,000
46	226	Sealcoat VH, PW & GC Driveways and Parking Lots	$0	$59,000	$0	$0	$0	$59,000
47	313	1998 Vermeer Branch Chipper	$0	$54,000	$0	$0	$0	$54,000
48	56	MPI - Bloomingdale Rd (Loop)	$0	$52,000	$0	$0	$0	$52,000
49	113	VH Security System	$0	$46,000	$0	$0	$0	$46,000
50	298	2003 Ford 1-Ton Pick-up Vehicle #503	$0	$41,055	$0	$0	$0	$41,055
51	79	2000 GMC 3/4 Ton Pick-up Vehicle #200	$0	$38,660	$0	$0	$0	$38,660
52	300	2005 Chevrolet Colorado Vehicle #531	$0	$36,500	$0	$0	$0	$36,500
53	135	PW Facility Security Automated Access Gate	$0	$30,000	$0	$0	$0	$30,000
54	402	Eastside ground storage tank maintenance	$0	$30,000	$0	$0	$0	$30,000
55	120	Asphalt Paving Trailer	$0	$27,000	$0	$0	$0	$27,000
56	70	Eastgate Lift Station	$0	$25,000	$0	$0	$0	$25,000
57	73	Sewer - New & Replacement Equipment	$0	$23,400	$23,400	$23,400	$23,400	$93,600
58	57	MPI - Schick, Cardinal, Villa (Loop)	$0	$23,000	$0	$0	$0	$23,000
59	26	GPS Units for PW Vehicles	$0	$21,000	$0	$0	$0	$21,000
60	1	Winston Water Tower Maintenance	$0	$20,000	$350,000	$0	$0	$370,000
61	18	Village Drainage Improvements	$0	$20,000	$20,000	$20,000	$20,000	$80,000
62	449	Public Work Facility Gate Replacement	$0	$20,000	$0	$0	$0	$20,000
63	110	Replace Color Scanner	$0	$16,270	$0	$0	$0	$16,270
64	123	15,000 lb Capacity Automotive Lift	$0	$16,000	$0	$0	$0	$16,000
65	451	PD Sump Pump(s) Replacement	$0	$15,000	$0	$0	$0	$15,000
66	114	Sign Shop Equipment Vinyl Cutter & Software	$0	$14,000	$0	$0	$0	$14,000
67	4	Source - New & Replacement Equipment	$0	$13,200	$13,200	$13,200	$13,200	$52,800
68	77	WRF - New & Replacement Equipment	$0	$12,600	$12,600	$12,600	$12,600	$50,400
69	20	Local Drainage Improvements	$0	$12,000	$14,000	$14,000	$14,000	$54,000
70	259	GPS Units for WS Utility Vehicles	$0	$12,000	$0	$0	$0	$12,000

Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department **Village Services (Con't)**

#	# of Projects	Project - Title (Con't)	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
71	404	Televising Equipment - Push Camera	$0	$12,000	$0	$0	$0	$12,000
72	190	Valve Actuators Controller Upgrades	$0	$10,000	$8,000	$0	$10,000	$28,000
73	121	Hydraulic Concrete Breaker - Skid Steer Attachment	$0	$10,000	$0	$0	$0	$10,000
74	111	10,000 lb Capacity Automotive Lift	$0	$9,000	$0	$0	$0	$9,000
75	122	Walk Behind Concrete Scarifier	$0	$9,000	$0	$0	$0	$9,000
76	150	Chemical Vacuum Induction Pump	$0	$6,200	$0	$0	$0	$6,200
77	115	Sign Machine 50-inch Roller Applicator	$0	$6,000	$0	$0	$0	$6,000
78	74	WRF - FPA Improvements Phase 2B	$0	$0	$560,000	$6,880,000	$0	$7,440,000
79	5	MPI - Glenwood between Gary Ave & Schick Rd	$0	$0	$450,000	$480,000	$480,000	$1,410,000
80	282	New Salt Storage	$0	$0	$345,000	$0	$0	$345,000
81	153	2005 International Dump Truck #304	$0	$0	$154,115	$0	$0	$154,115
82	315	2005 John Deere 544 Endloader #JD544	$0	$0	$145,000	$0	$0	$145,000
83	193	SCADA for Filter Process	$0	$0	$130,000	$0	$0	$130,000
84	310	2003 Ford F450 Dump Truck Vehicle #703	$0	$0	$86,575	$0	$0	$86,575
85	152	2005 Dump Truck #705	$0	$0	$86,570	$0	$0	$86,570
86	260	Replace Meter Transceiver Units (MXU's)	$0	$0	$80,000	$80,000	$80,000	$240,000
87	312	2001 Ford New Holland Skidsteer Unit #180	$0	$0	$57,855	$0	$0	$57,855
88	299	2003 Ford 3/4 Ton Pick-up Vehicle #303	$0	$0	$40,600	$0	$0	$40,600
89	16	NPDES Phase 2 - Chloride Reduction Road Deicing	$0	$0	$40,000	$0	$0	$40,000
90	53	MPI - Lake and Fairfield	$0	$0	$40,000	$0	$0	$40,000
91	405	Pavement Saw - Walk Behind	$0	$0	$30,000	$0	$0	$30,000
92	71	Springfield Dr Lift Station	$0	$0	$25,000	$0	$0	$25,000
93	192	Main Control Building "C" Roof	$0	$0	$20,000	$0	$0	$20,000
94	126	Walk Behind Roller	$0	$0	$12,000	$0	$0	$12,000
95	17	NPDES Phase 2 - Salt Storage Door	$0	$0	$7,000	$0	$0	$7,000
96	125	Pressure Washer	$0	$0	$7,000	$0	$0	$7,000
97	124	Replace Stander Lawn mower	$0	$0	$6,000	$0	$0	$6,000
98	197	Replace Laboratory Incubator	$0	$0	$6,000	$0	$0	$6,000
99	343	2005 6-Wheel Dump Truck Vehicle #105	$0	$0	$0	$172,540	$0	$172,540
100	304	2006 International 2 1/2 Ton Dump Vehicle #605	$0	$0	$0	$154,115	$0	$154,115
101	296	Ford F250 pick up Vehicle # 208	$0	$0	$0	$48,550	$0	$48,550
102	156	2008 Ford Expedition #308	$0	$0	$0	$44,505	$0	$44,505
103	69	Lawrence Ave Lift Station	$0	$0	$0	$25,000	$0	$25,000
104	189	Skylights	$0	$0	$0	$15,000	$0	$15,000
105	155	2007 International Dump Truck #106	$0	$0	$0	$0	$154,115	$154,115

Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department **Village Services (Con't)**

#	# of Projects	Project - Title (Con't)	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
106	328	2007 International 7400 Dump Vehicle #206	$0	$0	$0	$0	$154,115	$154,115
107	441	MQ Generator DB138IJ Unit #501	$0	$0	$0	$0	$53,765	$53,765
108	358	Kubota 4WD Tractor #B2106	$0	$0	$0	$0	$33,680	$33,680
109	3	Water Storage	$0	$0	$0	$0	$0	$0
110	13	Springbrook Erosion Control	$0	$0	$0	$0	$0	$0
111	15	Lake Illini Retention Pond Sediment Removal	$0	$0	$0	$0	$0	$0
112	27	OH-Glen Ellyn Road - Ironwood to Carriage Way	$0	$0	$0	$0	$0	$0
113	28	OH-Glen Ellyn Road - Carriage Way to Harvard	$0	$0	$0	$0	$0	$0
114	29	OH-Bloomingdale Road - Greenway to Fairfield Way	$0	$0	$0	$0	$0	$0
115	30	OH-Bloomingdale Road - Fessler to Picton	$0	$0	$0	$0	$0	$0
116	32	OH-Gary Avenue - Lawrence to Foster	$0	$0	$0	$0	$0	$0
117	33	OH-Gary Avenue - 700' South of Foster to Foster	$0	$0	$0	$0	$0	$0
118	34	OH-Gary Avenue - Lawrence to Meijer N Property Line	$0	$0	$0	$0	$0	$0
119	35	OH-Medinah Road - Byron to Lake	$0	$0	$0	$0	$0	$0
120	36	OH-Medinah Road - Lake to Spring Valley	$0	$0	$0	$0	$0	$0
121	37	OH-Lawrence Avenue - Gary to Thorn	$0	$0	$0	$0	$0	$0
122	38	OH-Lawrence Avenue - Wheaton to Springfield	$0	$0	$0	$0	$0	$0
123	39	OH-Lawrence Avenue - Garden to Springfield	$0	$0	$0	$0	$0	$0
124	40	OH-Broker Road - Circle to St Francis	$0	$0	$0	$0	$0	$0
125	41	OH-Thorn Road - Corporate Limits to Lawrence	$0	$0	$0	$0	$0	$0
126	42	OH-North Circle Avenue - Lake to Sunset	$0	$0	$0	$0	$0	$0
127	43	OH-Old Gary Road - CNRR to N of Army Trail Road	$0	$0	$0	$0	$0	$0
128	52	MPI - East Army Trail Rd (loop)	$0	$0	$0	$0	$0	$0
129	54	MPI - Cavalry Drive Area	$0	$0	$0	$0	$0	$0
130	55	MPI - Medinah Rd (Loop)	$0	$0	$0	$0	$0	$0
131	60	MPI - N Bloomingdale Rd (Loop)	$0	$0	$0	$0	$0	$0
132	61	MPI - Brighton Dr (Loop)	$0	$0	$0	$0	$0	$0
133	64	Distribution - New and Replacement Equipment	$0	$0	$0	$0	$0	$0
134	65	2004 Chevy Astro Van #104	$0	$0	$0	$0	$0	$0
135	66	East Army Trail Rd Redevelopment Area	$0	$0	$0	$0	$0	$0
136	75	WRF - FPA Improvements - Phase 4	$0	$0	$0	$0	$0	$0
137	76	WRF - FPA Improvements - Phase 3	$0	$0	$0	$0	$0	$0
138	80	2001 International 2 1/2 Ton Dump Vehicle #101	$0	$0	$0	$0	$0	$0
139	107	Replace Geo XH GPS Mapping System	$0	$0	$0	$0	$0	$0
140	112	19' Mobile Scissor Lift Replacement	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department **Village Services (Con't)**

#	Project - Title (Con't)	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
141	118 Asphalt Paver		$0	$0	$0	$0	$0	$0
142	119 Self Propelled Asphalt Compactor		$0	$0	$0	$0	$0	$0
143	138 Solar Powered LED Speed Advisory System		$0	$0	$0	$0	$0	$0
144	158 RP-Lake Street Reservoir - Meacham Grove Trail		$0	$0	$0	$0	$0	$0
145	159 RP-Army Trail Road - Cardinal to Meadowlark		$0	$0	$0	$0	$0	$0
146	160 RP-Clearbrook Drive		$0	$0	$0	$0	$0	$0
147	161 RP-Fairfield Way		$0	$0	$0	$0	$0	$0
148	164 RP-Carriage Way - Glen Ellyn to Medinah Grove		$0	$0	$0	$0	$0	$0
149	165 RP-Schick Road - Bloomingdale to Cardinal		$0	$0	$0	$0	$0	$0
150	166 RP-Schick Road - Cardinal to Los Lagos		$0	$0	$0	$0	$0	$0
151	167 RP-Schick Road - Los Lagos to Springfield		$0	$0	$0	$0	$0	$0
152	169 RP-DuJardin to Park District		$0	$0	$0	$0	$0	$0
153	172 RP-Lake Street - William Way to Springfield		$0	$0	$0	$0	$0	$0
154	173 RP-Gary Avenue - IC RR To Scott		$0	$0	$0	$0	$0	$0
155	174 RP-Schick Road - Los Lagos		$0	$0	$0	$0	$0	$0
156	175 RP-Springfield Drive - Mall Entrance to Army Trail Road		$0	$0	$0	$0	$0	$0
157	179 Village-wide Sidewalk Linkages		$0	$0	$0	$0	$0	$0
158	180 Street Light Enhancement Program		$0	$0	$0	$0	$0	$0
159	191 SCADA		$0	$0	$0	$0	$0	$0
160	198 4X4 Utility Vehicle		$0	$0	$0	$0	$0	$0
161	239 Fire Hydrant Painting Program		$0	$0	$0	$0	$0	$0
162	265 Clearbrook Drive - Drainage Ditch Enclosure		$0	$0	$0	$0	$0	$0
163	268 Willowbrook Drive Culvert Replacement		$0	$0	$0	$0	$0	$0
164	316 2008 International Flat Bed #108		$0	$0	$0	$0	$0	$0
165	274 Tire Machine		$0	$0	$0	$0	$0	$0
166	294 Chlorination System Upgrade		$0	$0	$0	$0	$0	$0
167	311 1993 Ford New Holland Skidsteer Unit #785		$0	$0	$0	$0	$0	$0
168	325 Street Light Installation End of Fairfield Court		$0	$0	$0	$0	$0	$0
169	321 Hydraulic Truck Mounted Material Spreader/Conveyor		$0	$0	$0	$0	$0	$0
170	322 5,000 gallon Chemical Tank		$0	$0	$0	$0	$0	$0
171	323 Paint/Stain Sprayer		$0	$0	$0	$0	$0	$0
172	329 2009 International 7400 Truck w/ Vactor 2112 #109		$0	$0	$0	$0	$0	$0
173	331 2012 Ford 1 Ton Pick-up, Vehicle #612		$0	$0	$0	$0	$0	$0
174	354 Handheld Meter Readers (2)		$0	$0	$0	$0	$0	$0
175	338 2012 F350 Truck Vehicle Replacement #412		$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department **Village Services (Con't)**

#		Project - Title (Con't)	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
176	339	2012 Truck F-350 Vehicle Replacement #312		$0	$0	$0	$0	$0	$0
177	340	2014 F250 Truck Vehicle Replacement #114		$0	$0	$0	$0	$0	$0
178	341	2012 Manlift Truck Vehicle #112		$0	$0	$0	$0	$0	$0
179	351	Fleet Analysis CFA Software		$0	$0	$0	$0	$0	$0
180	356	Mini Excavator - CAT305		$0	$0	$0	$0	$0	$0
181	332	2014 Dodge Tradesman Van, Vehicle #314		$0	$0	$0	$0	$0	$0
182	359	JULIE System Teleticket Pro System		$0	$0	$0	$0	$0	$0
183	360	Vehicle Transceiver Unit		$0	$0	$0	$0	$0	$0
184	361	Trailer (Rolls Rite- 25KP25HD-LP) #T408		$0	$0	$0	$0	$0	$0
185	362	Hydraulics Saw Package - ICS		$0	$0	$0	$0	$0	$0
186	363	Ingersol Rand Air Compressor Unit #692		$0	$0	$0	$0	$0	$0
187	365	Hydromatic 15 HP Submersible Pump - S10065171		$0	$0	$0	$0	$0	$0
188	367	6" Dri-Prime Portable Pump & Trailer		$0	$0	$0	$0	$0	$0
189	368	Influent Odor Control Activated Carbon Drum Scrubber		$0	$0	$0	$0	$0	$0
190	369	Post Aeration System - Submersible Aspirating Aerator		$0	$0	$0	$0	$0	$0
191	370	Biosolids Polymer/Chemical Mixing and Feed System		$0	$0	$0	$0	$0	$0
192	373	Digital Process Control Computers		$0	$0	$0	$0	$0	$0
193	374	Biosolids Sludge Pump CDQ DAA (East)		$0	$0	$0	$0	$0	$0
194	375	Biosolids Sludge Pump CDQ DAA (West)		$0	$0	$0	$0	$0	$0
195	390	Mini Message Board		$0	$0	$0	$0	$0	$0
196	391	Modular Workstation (2)		$0	$0	$0	$0	$0	$0
197	392	Brake Lathe		$0	$0	$0	$0	$0	$0
198	394	Spray Cabinet		$0	$0	$0	$0	$0	$0
199	396	Treekeeper Software		$0	$0	$0	$0	$0	$0
200	397	Lawn Mower #1224-000		$0	$0	$0	$0	$0	$0
201	398	Compressor		$0	$0	$0	$0	$0	$0
202	426	2016 Ford Transit 150 Van, Vehicle #116		$0	$0	$0	$0	$0	$0
203	429	Cardinal Water Tower Maintenance		$0	$0	$0	$0	$0	$0
204	430	Gary Ave. Pump Station Water Ground Storage Tanks Maintenance		$0	$0	$0	$0	$0	$0
205	431	Mac-Lander Trailer #UT104		$0	$0	$0	$0	$0	$0
206	437	Eastside Pump Station Roof Replacement		$0	$0	$0	$0	$0	$0
207	442	MQ Generator 31089-USTB Unit #704		$0	$0	$0	$0	$0	$0
208	443	Doosan Generator G125WCU-3Q-T4i		$0	$0	$0	$0	$0	$0
209	444	Gorman-Rupp 6" Pump Unit #688		$0	$0	$0	$0	$0	$0
		Total Projects	**209**	**$4,459,335**	**$9,012,710**	**$7,107,200**	**$10,134,840**	**$4,777,910**	**$35,491,995**

Village of Bloomingdale

Listing of CIP Projects and Sources by Department

	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Village Services (Con't)**						
Sources - Funding Source							
01-General Fund		$886,000	$928,540	$424,000	$14,000	$14,000	$2,266,540
06-Motor Fuel Tax Fund		$991,680	$1,530,000	$3,141,000	$1,053,000	$2,632,000	$9,347,680
07-Home Rule Sales Tax Fund		$1,194,870	$4,412,000	$20,000	$20,000	$20,000	$5,666,870
10-Capital Equipment Replacement Fund		$236,620	$509,650	$509,140	$371,160	$308,230	$1,934,800
11-Community Relations & Events Fund		$199,050	$0	$0	$0	$0	$199,050
40-Water & Sewer Fund		$951,115	$1,612,520	$3,013,060	$8,676,680	$1,803,680	$16,057,055
45-Golf Course Fund		$0	$20,000	$0	$0	$0	$20,000
Total Sources - Funding Source	**7**	**$4,459,335**	**$9,012,710**	**$7,107,200**	**$10,134,840**	**$4,777,910**	**$35,491,995**

Village of Bloomingdale
CIP Project Description

Project #: 182

Title: Old Town Area - Street Improvements

Estimated Total Cost: $2,099,735

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

Department: Village Services

Organization: 07-01-002-0019

Category: Other

Organization Name: Economic Development

Complete: No ◉ Yes: ○

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

Description:

ISSUE: Enhancing the identity in Old Town using streetscape improvements.

ANALYSIS: The improvements area is bounded by Third Street on the west, Bloomingdale Road on the east and Franklin Street on the south. The work consists of construction of new water main and storm sewer, relocating existing overhead utilities underground, street and sidewalk reconstruction on Third Street - Lake Street to Franklin Street and Franklin and Franklin Street - Bloomingdale Road to Third Street , new street lighting system, entry feature over Third Street at Lake Street, an event promenade area on Franklin Street, new parking lot area on Third Street, and sitting areas along Third Street.

SOLUTION: a design-build project was awarded for construction to commence in March 2016 with a projected completion of August 2016.

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EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-01-002-0019	$230,685	$1,041,450					**$1,272,135**
06-Motor Fuel Tax Fund	06-04-042-0080	$89,100	$207,900					**$297,000**
11-Community Relations & Events Fund	11-01-001-0000	$0	$151,870					**$151,870**
07-Home Rule Sales Tax Fund	07-04-044-0055	$180,230	$0					**$180,230**
40-Water & Sewer Fund	40-04-044-0052	$198,500	$0					**$198,500**
TOTAL		**$698,515**	**$1,401,220**	**$0**	**$0**	**$0**	**$0**	**$2,099,735**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$410,915	$1,041,450					**$1,452,365**
06-Motor Fuel Tax Fund	06-00-000-0000	$89,100	$207,900					**$297,000**
11-Community Relations & Events Fund	11-00-000-0000	$0	$151,870					**$151,870**
40-Water & Sewer Fund	40-00-000-0000	$198,500	$0					**$198,500**
								$0
TOTAL		**$698,515**	**$1,401,220**	**$0**	**$0**	**$0**	**$0**	**$2,099,735**

Village of Bloomingdale
CIP Project Description

Project #: 234

Title: Replace Traffic Signal Poles - Lake Street

Estimated Total Cost: $830,000

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

Department: Village Services

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.

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EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064		$830,000					$830,000
								$0
								$0
								$0
								$0
TOTAL		$0	$830,000	$0	$0	$0	$0	$830,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	07-00-000-0000		$830,000					$830,000
								$0
								$0
								$0
								$0
TOTAL		$0	$830,000	$0	$0	$0	$0	$830,000

Village of Bloomingdale
CIP Project Description

Project #: 144

Title: Village-wide Street Improvement Program

Estimated Total Cost: $9,139,780

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

Department: Village Services

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**

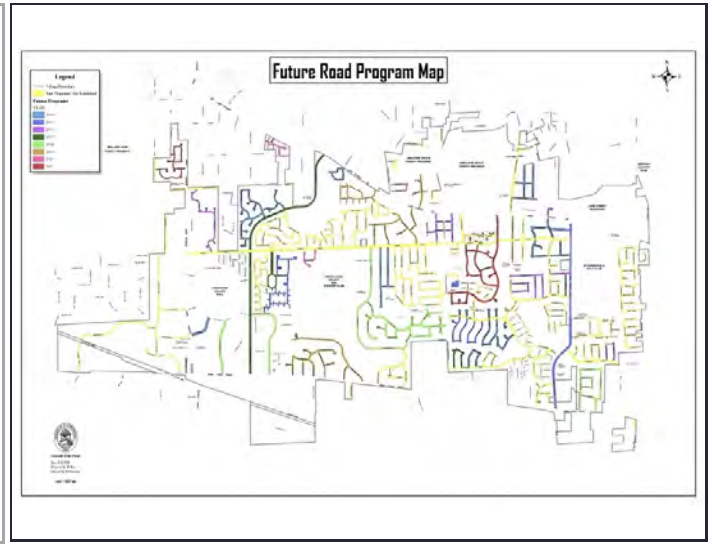
Description:

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.

\\Bloom03\CIP\Images\RoadProgramMap.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
06-Motor Fuel Tax Fund	06-04-042-0080	$0	$558,000	$1,530,000	$3,141,000	$1,053,000	$2,632,000	**$8,914,000**
06-Motor Fuel Tax Fund	06-04-042-0080		$225,780					**$225,780**
								$0
								$0
								$0
TOTAL		**$0**	**$783,780**	**$1,530,000**	**$3,141,000**	**$1,053,000**	**$2,632,000**	**$9,139,780**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
06-Motor Fuel Tax Fund	06-00-000-0000	$0	$558,000	$1,530,000	$3,141,000	$1,053,000	$2,632,000	**$8,914,000**
06-Motor Fuel Tax Fund	06-00-000-0000		$225,780					**$225,780**
								$0
								$0
								$0
TOTAL		**$0**	**$783,780**	**$1,530,000**	**$3,141,000**	**$1,053,000**	**$2,632,000**	**$9,139,780**

Village of Bloomingdale
CIP Project Description

Project #: 186

Title: Additional Alternative Back-up Electrical Power Sources

Estimated Total Cost: $225,000

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

Department: Village Services

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**

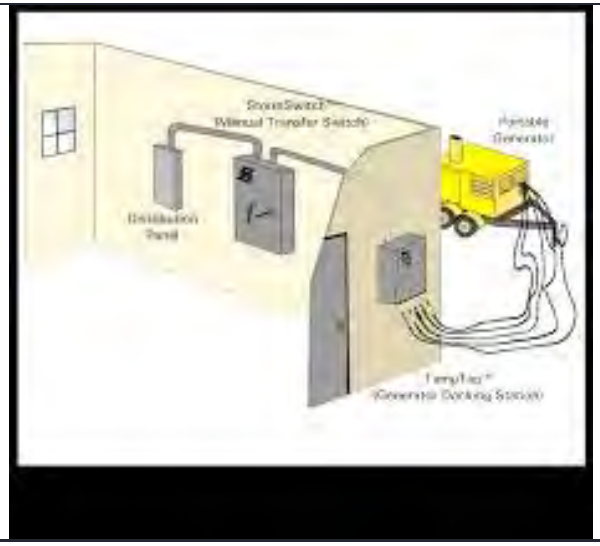
Description:

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.

\\Bloom03\CIP\Images\WRF backup power.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056		$225,000					$225,000
								$0
								$0
								$0
								$0
TOTAL		$0	$225,000	$0	$0	$0	$0	$225,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$225,000					$225,000
								$0
								$0
								$0
								$0
TOTAL		$0	$225,000	$0	$0	$0	$0	$225,000

Village of Bloomingdale
CIP Project Description

Project #: 240

Title: 1998 International 1 1/2 ton Dump truck #297

Estimated Total Cost: $162,000

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

Department: Village Services

Organization: 40-04-044-0052

Category: Vehicle - Replacement

Organization Name: Distribution System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0052 297 Dump Truck.jpg

ISSUE: The 1998 International 1 1/2 Ton Dump Truck, vehicle #297 is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The Utilities Distribution Division utilizes this vehicle for hauling of materials related to excavations. Its smaller profile and tight turning radius make it more versatile than a larger 2 1/2 ton dump truck. A replacement vehicle would be increased to a 2 1/2 ton dump truck similar to other trucks in the department fleet to continue efficient excavation work. The truck will be equipped with tool boxes and other specialty equipment to meet the needs of the distribution division and may include plow and salting equipment to supplement snow and ice control operations as needed. It is anticipated that the new dump truck will eliminate costly future maintenance expenses due to the number of miles driven and age of the existing vehicle.

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

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052		$162,000					$162,000
								$0
								$0
								$0
								$0
TOTAL		$0	$162,000	$0	$0	$0	$0	$162,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$162,000					$162,000
								$0
								$0
								$0
								$0
TOTAL		$0	$162,000	$0	$0	$0	$0	$162,000

Village of Bloomingdale
CIP Project Description

Project #: 305

Title: 2003 International 2 1/2 Ton Dump Vehicle #403

Estimated Total Cost: $158,000

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

Department: Village Services

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 #403, a 2003 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.

\\Bloom03\CIP\Images\Vehicle 403.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064		$158,000					**$158,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$158,000**	**$0**	**$0**	**$0**	**$0**	**$158,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000		$158,000					**$158,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$158,000**	**$0**	**$0**	**$0**	**$0**	**$158,000**

Village of Bloomingdale
CIP Project Description

Project #: 81

Title: 1997 JCB Back-Hoe Unit #597

Estimated Total Cost: $130,000

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

Department: Village Services

Organization: 40-04-044-0052

Category: Equipment - Replacement

Organization Name: Distribution System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0052 JCB Backhoe.jpg

ISSUE: The 1997 (Unit #597) JCB combination loader/backhoe is scheduled to be replaced as it has reached its useful life.

ANALYSIS: Multiple department work areas use the combination loader / backhoe, but the machine is primarily used in water distribution for excavations to complete water main repairs. The equipment's loader functions provides a back-up to the front end loader for loading salt, aggregate, and spoil material into trucks. The equipment's backhoe function allows use as an excavator while the wheel and transmission set up make it possible to drive on street without need to employ a trailer. Additional equipment including an extendable backhoe arm and articulating bucket knuckle add to the diverse capabilities of this piece of equipment. The new equipment should eliminate future maintenance costs and may also provide fuel savings from more fuel efficient equipment.

SOLUTION: Procure a similar combination loader and backhoe, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052		$130,000					$130,000
								$0
								$0
								$0
								$0
TOTAL		$0	$130,000	$0	$0	$0	$0	$130,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$130,000					$130,000
								$0
								$0
								$0
								$0
TOTAL		$0	$130,000	$0	$0	$0	$0	$130,000

Village of Bloomingdale
CIP Project Description

Project #: 162

Title: RP-East Branch Trail - Carriage Way to Army Trail

Estimated Total Cost: $104,000

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

Department: Village Services

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**

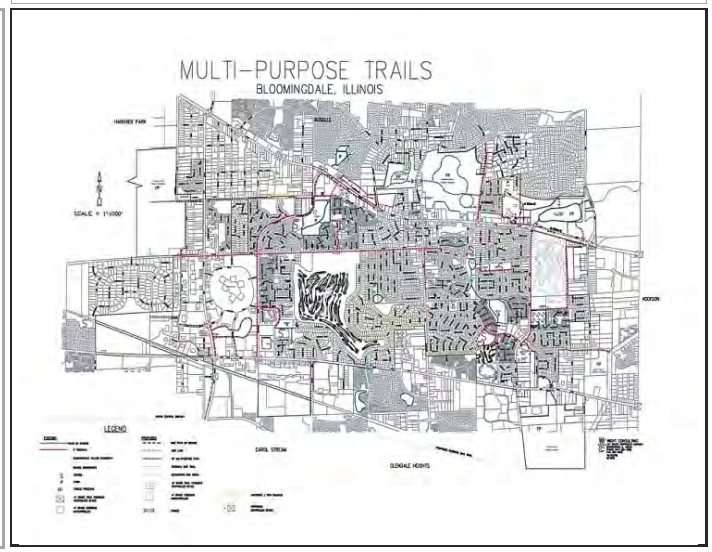
Description:

ISSUE: 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, with expiration in September 2016. The total estimated cost is $520,000 based on 2011 costs, the federal share is $416,000; the Village share is $104,000.

SOLUTION: Scope, cost and timing of implementation for construction in the Fall of 2016. Potential cost sharing and/or grant opportunities for this project will be explored.

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000		$104,000					**$104,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$104,000**	**$0**	**$0**	**$0**	**$0**	**$104,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000		$104,000					**$104,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$104,000**	**$0**	**$0**	**$0**	**$0**	**$104,000**

Village of Bloomingdale
CIP Project Description

Project #: 140

Title: SCADA Programmable Logic Controller Replacement

Estimated Total Cost: $70,000

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

Department: Village Services

Organization: 01-04-044-0055

Category: Equipment - New

Organization Name: Stormwater Collection

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** Nov, 2013 **Start Project:** **End Project:**

Description:

ISSUE: The existing Programmable Logic Controller (PLC) within the Supervisory Control and Data Acquisition System (SCADA) are in need of replacement as they have reached the end of their useful life and are no longer being supported by the manufacturer.

ANALYSIS: The SCADA is used to control the existing water production pump stations, sanitary lift stations and storm water lift stations. The PLCs enable the collection of input and output information and communicates remotely with the SCADA system computer servers located at the Public Works facility.

SOLUTION: The Village Services Utilities Division will Procure the necessary replacement in accordance with the Village's Procurement Code.

\\Bloom03\CIP\Images\wpscada.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-044-0055		$8,000					$8,000
40-Water & Sewer Fund	40-04-044-0050		$32,000					$32,000
40-Water & Sewer Fund	40-04-044-0054		$30,000					$30,000
								$0
								$0
TOTAL		$0	$70,000	$0	$0	$0	$0	$70,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000		$8,000					$8,000
40-Water & Sewer Fund	40-00-000-0000		$62,000					$62,000
								$0
								$0
								$0
TOTAL		$0	$70,000	$0	$0	$0	$0	$70,000

Village of Bloomingdale
CIP Project Description

Project #: 293

Title: Grit Removal

Estimated Total Cost: $185,000

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

Department: Village Services

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**

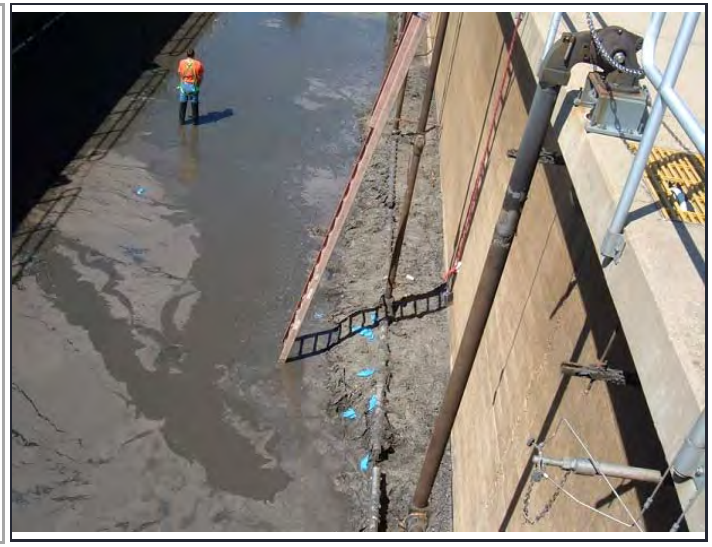
Description:

\\Bloom03\CIP\Images\Grit Removal.jpg

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



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056		$65,000	$0	$120,000	$0	$0	**$185,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$65,000**	**$0**	**$120,000**	**$0**	**$0**	**$185,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$65,000		$120,000			**$185,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$65,000**	**$0**	**$120,000**	**$0**	**$0**	**$185,000**

Village of Bloomingdale
CIP Project Description

Project #: 67

Title: Bloomingdale Rd Lift Station

Estimated Total Cost: $65,000

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

Department: Village Services

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:

\\Bloom03\CIP\Images\0054 Bloomingdale Rd LS.jpg

ISSUE: Providing a funding mechanism to replace the existing lift station once it reaches its expected useful life. The lift station has been operating since the early 1980's, and requires frequent maintenance to keep it in operation.

ANALYSIS: The existing control cabinet and electric panel is scheduled to be replaced in FY17. The cabinet at the Bloomingdale Rd Lift Station is enclosed in a small steel cabinet within 25 feet of the County Right-of-Way. Prolonged exposure to salt spray has deteriorated the cabinet enclosure. Increases in control and communication equipment within the cabinet have also 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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054		$65,000					$65,000
								$0
								$0
								$0
								$0
TOTAL		$0	$65,000	$0	$0	$0	$0	$65,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$65,000					$65,000
								$0
								$0
								$0
								$0
TOTAL		$0	$65,000	$0	$0	$0	$0	$65,000

Village of Bloomingdale
CIP Project Description

Project #: 82

Title: 1995 Sauber 1599-GT Generator Unit #395

Estimated Total Cost: $60,000

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

Department: Village Services

Organization: 40-04-044-0054

Category: Equipment - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0054 395 Sauber Generator.jpg

ISSUE: The replacement of the 1995 Sauber 1599-GT trailer mounted diesel powered electric generator is expected to be replaced as it will have 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. An "in-kind " replacement, with a generator that is compatible with the existing newer generators in the Village fleet, is envisioned. Given the more universal nature of newer generators, the department will also eliminate a 1984 Empire 450DJW-8E generator reducing the inventory from five to four generators.

SOLUTION: The Village Services Public Works /Utilities Division will procure the equipment 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. Fuel savings may also be realized as new equipment maybe more fuel efficient.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054		$60,000					$60,000
								$0
								$0
								$0
								$0
TOTAL		$0	$60,000	$0	$0	$0	$0	$60,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$60,000					$60,000
								$0
								$0
								$0
								$0
TOTAL		$0	$60,000	$0	$0	$0	$0	$60,000

Village of Bloomingdale
CIP Project Description

Project #: 134

Title: VH Electronic Monument Sign

Estimated Total Cost: $54,000

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

Department: Village Services

Organization: 11-04-043-0058

Category: Equipment - Replacement

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

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

Description:

ISSUE: Existing monument sign in front of the Village Hall is in need of replacement.

ANALYSIS: The existing monument sign in front of the Village Hall is used to display Village, Library and various community events. The sign is very worn and the glass cover panels frequently disengage and flap in the wind. Information posted on the sign is limited to three lines of 20 characters, and requires Building & Grounds employees to manually change the sign board on a weekly to bi-weekly basis, and to dig-out paths during the winter months to gain access to the sign. Given these restraints, it is difficult for the Village and Library to convey information in an understandable format and to keep information current.

SOLUTION: Replace with an Electronic Monument Sign with changeable content entered remotely by Administration Department and Library staff. The Library has expressed a willingness to participate in the cost of the sign and related work, not to exceed $8,000.

\\Bloom03\CIP\Images\village hall sign.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
11-Community Relations & Events Fund	11-04-043-0058		$54,000					$54,000
								$0
								$0
								$0
								$0
TOTAL		$0	$54,000	$0	$0	$0	$0	$54,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000		$6,820					$6,820
11-Community Relations & Events Fund	11-00-000-0000		$8,000					$8,000
11-Community Relations & Events Fund	11-00-000-0000		$39,180					$39,180
								$0
								$0
TOTAL		$0	$54,000	$0	$0	$0	$0	$54,000

Village of Bloomingdale
CIP Project Description

Project #: 238

Title: Fire Hydrant Replacement Program

Estimated Total Cost: $445,000

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

Department: Village Services

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

\\Bloom03\CIP\Images\0052 Hydrant Replacement.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$45,000	$100,000	$100,000	$100,000	$100,000	**$445,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$45,000**	**$100,000**	**$100,000**	**$100,000**	**$100,000**	**$445,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$45,000	$100,000	$100,000	$100,000	$100,000	**$445,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$45,000**	**$100,000**	**$100,000**	**$100,000**	**$100,000**	**$445,000**

Village of Bloomingdale
CIP Project Description

Project #: 237

Title: Main Line Water Valve Replacement Program

Estimated Total Cost: $225,000

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

Department: Village Services

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:

\Bloom03\CIP\Images\0052 valve replacement program.jp

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052	$0	$45,000	$45,000	$45,000	$45,000	$45,000	**$225,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$45,000**	**$45,000**	**$45,000**	**$45,000**	**$45,000**	**$225,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000	$0	$45,000	$45,000	$45,000	$45,000	$45,000	**$225,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$45,000**	**$45,000**	**$45,000**	**$45,000**	**$45,000**	**$225,000**

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: Village Services

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**

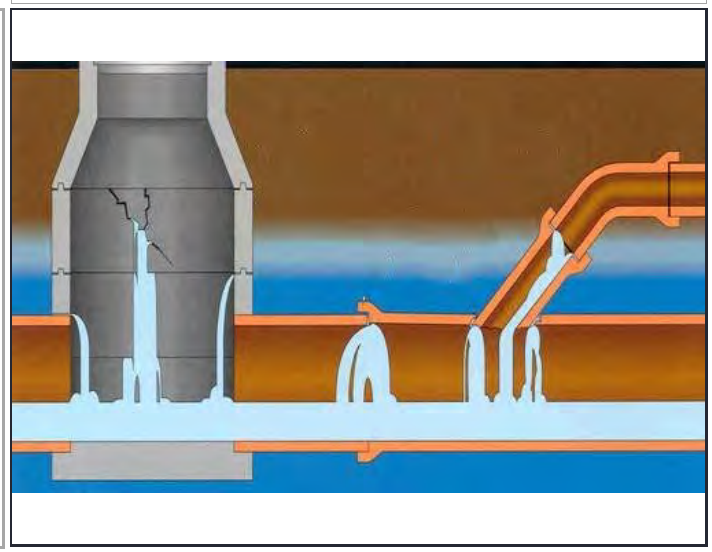
Description:

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.

\\Bloom03\CIP\Images\leakingjoints.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054		$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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$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 #: 301

Title: 2003 Ford 3/4 Ton Pick-up Vehicle #103

Estimated Total Cost: $33,800

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

Department: Village Services

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:

\\Bloom03\CIP\Images\vehicle 103.jpg

ISSUE: Vehicle #103, a 2003, 3/4 ton 4X4 pickup, equipped to be plow ready is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The vehicle is assigned to Public Works Forestry Maintenance, serving transport equipment and personnel 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 Services will purchase the replacement vehicle in accordance with applicable provisions of the Village's procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0063		$33,800					$33,800
								$0
								$0
								$0
								$0
TOTAL		$0	$33,800	$0	$0	$0	$0	$33,800

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000		$33,800					$33,800
								$0
								$0
								$0
								$0
TOTAL		$0	$33,800	$0	$0	$0	$0	$33,800

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: Village Services

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:

\\Bloom03\CIP\Images\Sanitary Wye Repair.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054		$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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$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 #: 229

Title: VH Exterior South Retaining Wall

Estimated Total Cost: $30,000

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

Department: Village Services

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:

\\Bloom03\CIP\Images\VH South Retaining Wall.jpg

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 exertion insulation and finishing system (EFIS).

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 EFIS 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 using a combination of contracted and in-house resources.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058		$30,000					$30,000
								$0
								$0
								$0
								$0
TOTAL		$0	$30,000	$0	$0	$0	$0	$30,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000		$30,000					$30,000
								$0
								$0
								$0
								$0
TOTAL		$0	$30,000	$0	$0	$0	$0	$30,000

Village of Bloomingdale
CIP Project Description

Project #: 348

Title: (DRSCW) Water Quality Improvement Assessment

Estimated Total Cost: $209,195

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

Department: Village Services

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:

\\Bloom03\CIP\Images\WRF watershed.jpg

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

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056		$20,385	$33,345	$34,345	$56,935	$56,935	**$201,945**
40-Water & Sewer Fund	40-04-044-0056		$1,730	$1,785	$1,840	$1,895		**$7,250**
								$0
								$0
								$0
TOTAL		**$0**	**$22,115**	**$35,130**	**$36,185**	**$58,830**	**$56,935**	**$209,195**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$22,115	$35,130	$36,185	$58,830	$56,935	**$209,195**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$22,115**	**$35,130**	**$36,185**	**$58,830**	**$56,935**	**$209,195**

Village of Bloomingdale
CIP Project Description

Project #: 418

Title: Renovation of Finance/Admin Office Space & Annex

Estimated Total Cost: $404,000

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

Department: Village Services

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:

\Bloom03\CIP\Images\Bloomingdale Winter Village Hall.jp

ISSUE: A long-term solution is sought to meet current and future physical needs for all Village departments housed within the current Village Hall facility.

ANALYSIS: The Village's annex is currently being underutilized and employee space constraints exist within the Finance and Village Services department.

SOLUTION: A consultant would be utilized to perform an assessment and design to better utilize existing space. Subsequent construction costs would also be incurred based in the assessment design work performed by the consultant.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058		$20,000	$384,000				$404,000
								$0
								$0
								$0
								$0
TOTAL		$0	$20,000	$384,000	$0	$0	$0	$404,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000		$20,000	$384,000				$404,000
								$0
								$0
								$0
								$0
TOTAL		$0	$20,000	$384,000	$0	$0	$0	$404,000

Village of Bloomingdale
CIP Project Description

Project #: 171

Title: RP-Springfield Drive - Lawrence to Lake Street

Estimated Total Cost: $19,420

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

Department: Village Services

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**

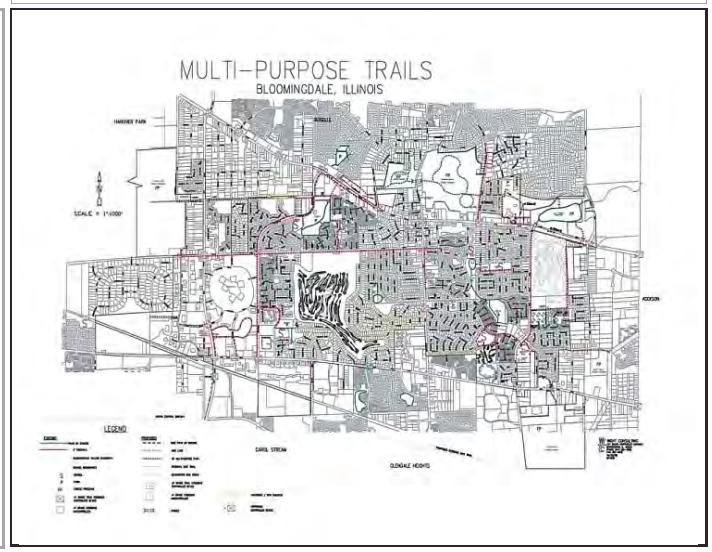
Description:

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 FY17.

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0	$19,420					**$19,420**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$19,420**	**$0**	**$0**	**$0**	**$0**	**$19,420**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$19,420					**$19,420**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$19,420**	**$0**	**$0**	**$0**	**$0**	**$19,420**

Village of Bloomingdale
CIP Project Description

Project #: 393

Title: Cold Planner

Estimated Total Cost: $17,000

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

Department: Village Services

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.

\\Bloom03\CIP\Images\grinder.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064		$17,000					$17,000
								$0
								$0
								$0
								$0
TOTAL		$0	$17,000	$0	$0	$0	$0	$17,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000		$17,000					$17,000
								$0
								$0
								$0
								$0
TOTAL		$0	$17,000	$0	$0	$0	$0	$17,000

Village of Bloomingdale
CIP Project Description

Project #: 320

Title: Utility Trailer

Estimated Total Cost: $15,000

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

Department: Village Services

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.

\\Bloom03\CIP\Images\Streettrailer2.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064		$15,000					$15,000
								$0
								$0
								$0
								$0
TOTAL		$0	$15,000	$0	$0	$0	$0	$15,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000		$15,000					$15,000
								$0
								$0
								$0
								$0
TOTAL		$0	$15,000	$0	$0	$0	$0	$15,000

Village of Bloomingdale
CIP Project Description

Project #: 108

Title: Replace HP Design 4500 Plotter

Estimated Total Cost: $11,000

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

Department: Village Services

Organization: 01-01-004-0004

Category: IT

Organization Name: Information Systems - Village Ser

Complete: No ◉ Yes: ○

New/Replacement: ◉ **Major Maintenance:** ○ **Complete Design/Plan:** Nov, 2017 **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 Village Services Engineering Division will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

\\Bloom03\CIP\Images\HP-Designjet-4500.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0004		$11,000					$11,000
								$0
								$0
								$0
								$0
TOTAL		$0	$11,000	$0	$0	$0	$0	$11,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000		$11,000					$11,000
								$0
								$0
								$0
								$0
TOTAL		$0	$11,000	$0	$0	$0	$0	$11,000

Village of Bloomingdale
CIP Project Description

Project #: 116

Title: Automotive Diagnostic Scan Tool

Estimated Total Cost: $10,000

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

Department: Village Services

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:

loom03\CIP\Images\automotive diagnostics scanning tool

ISSUE: The current automotive diagnostic tool will no longer be able to be updated within the next year.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0065		$10,000					$10,000
								$0
								$0
								$0
								$0
TOTAL		$0	$10,000	$0	$0	$0	$0	$10,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000		$10,000					$10,000
								$0
								$0
								$0
								$0
TOTAL		$0	$10,000	$0	$0	$0	$0	$10,000

Village of Bloomingdale
CIP Project Description

Project #: 458

Title: Transmission Fluid Exchange Machine

Estimated Total Cost: $7,000

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

Department: Village Services

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:

\\Bloom03\CIP\Images\Noimage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0065		$7,000					$7,000
								$0
								$0
								$0
								$0
TOTAL		$0	$7,000	$0	$0	$0	$0	$7,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000		$7,000					$7,000
								$0
								$0
								$0
								$0
TOTAL		$0	$7,000	$0	$0	$0	$0	$7,000

Village of Bloomingdale
CIP Project Description

Project #: 457

Title: Founders Park Electric Panel Replacement

Estimated Total Cost: $6,000

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

Department: Village Services

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 current 200 amp panel Is 20 years old and corroded due to weather and street salt damage.

ANALYSIS: The panel needs to be replaced with a similar 200 amp panel. An upgraded panel will better accommodate activities and events held on the site as it will provide more consistent and reliable power source.

SOLUTION: The panel will be procured in accordance with the Village' s Procurement Code.

\\Bloom03\CIP\Images\FP Gazebo Panel.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058		$6,000					$6,000
								$0
								$0
								$0
								$0
TOTAL		$0	$6,000	$0	$0	$0	$0	$6,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000		$6,000					$6,000
								$0
								$0
								$0
								$0
TOTAL		$0	$6,000	$0	$0	$0	$0	$6,000

Village of Bloomingdale
CIP Project Description

Project #: 271

Title: Indian Lakes Open Space Area Development Program

Estimated Total Cost: $4,200,000

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

Department: Village Services

Organization: 07-04-044-0055

Category: Stormwater Collection/Drainage

Organization Name: Stormwater Collection

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.

\\Bloom03\CIP\Images\Indian Lakes Concept 1.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-044-0055			$4,200,000				$4,200,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$4,200,000	$0	$0	$0	$4,200,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0		$4,200,000				$4,200,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$4,200,000	$0	$0	$0	$4,200,000

Village of Bloomingdale
CIP Project Description

Project #: 72

Title: Sanitary Sewer Main Improvements

Estimated Total Cost: $1,495,200
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Village Services

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:

\\Bloom03\CIP\Images\CIPP Sanitary Sewer Lining.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054			$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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$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 #: 63

Title: Water Main Major Maintenance Improvements

Estimated Total Cost: $1,613,900

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

Department: Village Services

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.

\\Bloom03\CIP\Images\Watermain Meadowlark.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052			$260,000	$451,300	$451,300	$451,300	**$1,613,900**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$260,000**	**$451,300**	**$451,300**	**$451,300**	**$1,613,900**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$260,000	$451,300	$451,300	$451,300	**$1,613,900**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$260,000**	**$451,300**	**$451,300**	**$451,300**	**$1,613,900**

Village of Bloomingdale
CIP Project Description

Project #: 262

Title: Covington Corporate Center Sidewalk Project

Estimated Total Cost: $192,000

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

Department: Village Services

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**

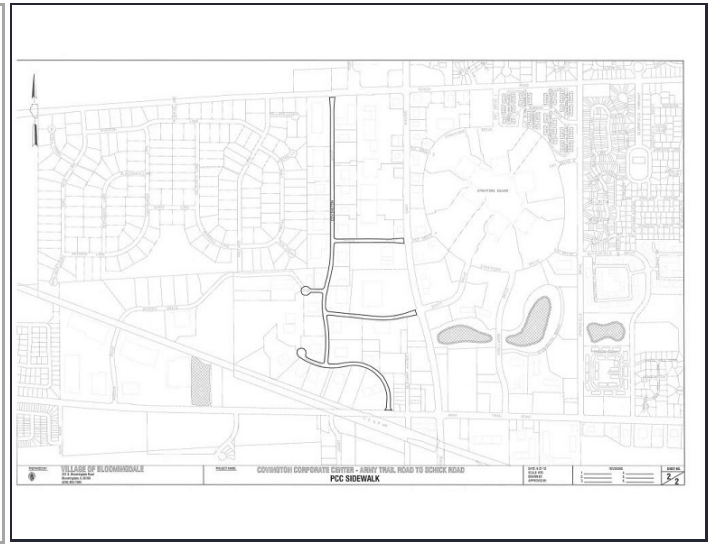
Description:

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.

\\Bloom03\CIP\Images\Covington sidewalk.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-043-0064			$57,000				**$57,000**
	07-04-043-0064			$135,000				**$135,000**
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$192,000**	**$0**	**$0**	**$0**	**$192,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000			$20,825				**$20,825**
07-Home Rule Sales Tax Fund	07-00-000-0000			$171,175				**$171,175**
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$192,000**	**$0**	**$0**	**$0**	**$192,000**

Village of Bloomingdale
CIP Project Description

Project #: 306

Title: 2003 Ford 6-Wheeler Dump Vehicle #903

Estimated Total Cost: $172,540

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

Department: Village Services

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 #903, a 2003 Ford 6-Wheeler 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.

\\Bloom03\CIP\Images\vehicle 903.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064			$172,540				$172,540
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$172,540	$0	$0	$0	$172,540

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000			$172,540				$172,540
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$172,540	$0	$0	$0	$172,540

Village of Bloomingdale
CIP Project Description

Project #: 415

Title: Public Works Garage Floor Resurface- Vehicle Maintenance & Vehicle Storage

Estimated Total Cost: $115,000

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

Department: Village Services

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:

\\Bloom03\CIP\Images\VSFloor.JPG

ISSUE: The garage floors in the vehicle maintenance and vehicle storage garages are in need of resurfacing. Last resurfaced in 2006

ANALYSIS: Existing floor finish is chipped and cracked exposing concrete floor to the elements and multiple chemicals/oils

SOLUTION: Solicit bids to remove existing paint epoxy surface, make necessary repairs and resurface with 3-part epoxy coating. Vehicle Maintenance $25,000. Vehicle Storage $90,000.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058			$115,000				$115,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$115,000	$0	$0	$0	$115,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000			$115,000				$115,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$115,000	$0	$0	$0	$115,000

Village of Bloomingdale
CIP Project Description

Project #: 62

Title: MPI - Dee Ct - Morningside (Loop)

Estimated Total Cost: $99,000

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

Department: Village Services

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**

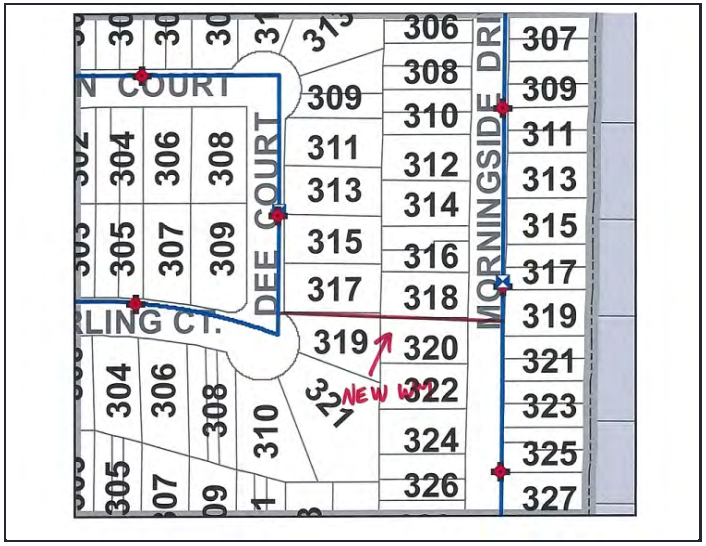
Description:

\\Bloom03\CIP\Images\dee morningside wm.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052			$99,000				$99,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$99,000	$0	$0	$0	$99,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$99,000				$99,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$99,000	$0	$0	$0	$99,000

Village of Bloomingdale
CIP Project Description

Project #: 303

Title: 2002 Ford Dump Truck #302

Estimated Total Cost: $86,570

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

Department: Village Services

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:

\\Bloom03\CIP\Images\vehicle 302.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064			$86,570				$86,570
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$86,570	$0	$0	$0	$86,570

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$86,570				$86,570
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$86,570	$0	$0	$0	$86,570

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: Village Services

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:

\\Bloom03\CIP\Images\0054 n circle LS.jpg

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 existing control panel is forecasted to require replacement in FY 18. The 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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054			$80,000				$80,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$80,000	$0	$0	$0	$80,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$80,000				$80,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$80,000	$0	$0	$0	$80,000

Village of Bloomingdale
CIP Project Description

Project #: 291

Title: Gary Avenue Station #8 replace 200HP pump with new 60HP pump

Estimated Total Cost: $80,000

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

Department: Village Services

Organization: 40-04-044-0050

Category: Equipment - Replacement

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\Station # 8 200 HP pump.JPG

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050			$80,000				$80,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$80,000	$0	$0	$0	$80,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$80,000				$80,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$80,000	$0	$0	$0	$80,000

Village of Bloomingdale
CIP Project Description

Project #: 302

Title: 1997 International 4700 Chipper Truck Vehicle #197

Estimated Total Cost: $78,190

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

Department: Village Services

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:

\\Bloom03\CIP\Images\vehicle 197.jpg

ISSUE: The 1997 Dump Truck, vehicle #197, is scheduled to be replaced as it is expected to have reached it useful life.

ANALYSIS: This vehicle is used to tow the Forestry chipper, and is equipped with an enclosed box enabling to receive chipped tree wastes blown from the chipper. 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, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0063			$78,190				$78,190
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$78,190	$0	$0	$0	$78,190

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$78,190				$78,190
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$78,190	$0	$0	$0	$78,190

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: Village Services

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

\\Bloom03\CIP\Images\PD elevator.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058		$0	$70,000				$70,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$70,000	$0	$0	$0	$70,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000			$70,000				$70,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$70,000	$0	$0	$0	$70,000

Village of Bloomingdale
CIP Project Description

Project #: 83

Title: 1995 Travel-L-Vac 80 Valve Box Cleaner Unit #295

Estimated Total Cost: $61,400

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

Department: Village Services

Organization: 40-04-044-0054

Category: Equipment - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0054 295 Travel L Vac.jpg

ISSUE: The department anticipates replacing the 1995 Travel-L-Vac 80 valve box cleaner 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. The trailer mounted hydraulic vacuum cleaner is able to be transported on site for cleaning operations using a pick-up truck.

SOLUTION: The department recommends the 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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054			$61,400				$61,400
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$61,400	$0	$0	$0	$61,400

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$61,400				$61,400
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$61,400	$0	$0	$0	$61,400

Village of Bloomingdale
CIP Project Description

Project #: 241

Title: 1991 Ford Pick-up Truck #491

Estimated Total Cost: $60,065
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Village Services
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: Vehicle #491, a 1991, 3/4 ton 4X4 Ford pickup with utility body is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The vehicle is assigned to Public Works Equipment Maintenance Division to pick-up parts and supplies, for field vehicle repair responses. The vehicle is also used during peak seasonal maintenance to transport crews to job sites. An "in-kind" replacement is envisioned. It is anticipated that the new vehicle will reduce 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.

\\Bloom03\CIP\Images\Unit491.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0065			$60,065				$60,065
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$60,065	$0	$0	$0	$60,065

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$60,065				$60,065
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$60,065	$0	$0	$0	$60,065

Village of Bloomingdale
CIP Project Description

Project #: 308

Title: 2005 Ford 1 Ton Pick-up Vehicle #305

Estimated Total Cost: $60,065

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

Department: Village Services

Organization: 40-04-044-0054

Category: Vehicle - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

ISSUE: The 2005 Ford 1 Ton Pick-up, Vehicle #305, 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 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.

\\Bloom03\CIP\Images\vehicle 305.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054			$60,065				$60,065
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$60,065	$0	$0	$0	$60,065

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$60,065				$60,065
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$60,065	$0	$0	$0	$60,065

Village of Bloomingdale
CIP Project Description

Project #: 309

Title: 2005 Ford 1 Ton Pick-up Vehicle #505

Estimated Total Cost: $60,065

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

Department: Village Services

Organization: 40-04-044-0052

Category: Vehicle - Replacement

Organization Name: Distribution System

Complete: No ◉ Yes: ○

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

Description:

ISSUE: The 2005 Ford 1 Ton Pick-up, Vehicle #505, is scheduled to be replaced 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 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 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.

\\Bloom03\CIP\Images\vehicle 505.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052			$60,065				$60,065
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$60,065	$0	$0	$0	$60,065

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$60,065				$60,065
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$60,065	$0	$0	$0	$60,065

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: Village Services

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.

In the FY17 budget an automated-gate is proposed across the access drive to provide a physical barrier to fueling facility. 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.

\\Bloom03\CIP\Images\Security System.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058			$60,000				$60,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$60,000	$0	$0	$0	$60,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000			$60,000				$60,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$60,000	$0	$0	$0	$60,000

Village of Bloomingdale
CIP Project Description

Project #: 226

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

Estimated Total Cost: $59,000

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

Department: Village Services

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.

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EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058			$25,000				**$25,000**
40-Water & Sewer Fund	40-04-044-0050			$1,500				**$1,500**
40-Water & Sewer Fund	40-04-044-0052			$5,500				**$5,500**
40-Water & Sewer Fund	40-04-044-0054			$7,000				**$7,000**
45-Golf Course Fund	45-05-000-0000			$20,000				**$20,000**
TOTAL		**$0**	**$0**	**$59,000**	**$0**	**$0**	**$0**	**$59,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000			$25,000				**$25,000**
40-Water & Sewer Fund	40-00-000-0000			$14,000				**$14,000**
45-Golf Course Fund	45-00-000-0000			$20,000				**$20,000**
								$0
								$0
TOTAL		**$0**	**$0**	**$59,000**	**$0**	**$0**	**$0**	**$59,000**

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: Village Services

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.

\\Bloom03\CIP\Images\chipper BC98.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0063			$54,000				$54,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$54,000	$0	$0	$0	$54,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$54,000				$54,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$54,000	$0	$0	$0	$54,000

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: Village Services

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**

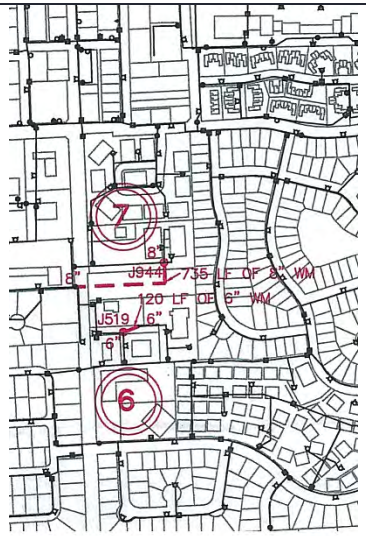
Description:

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.

\\Bloom03\CIP\Images\bloomingdale loop wm.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052			$52,000				$52,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$52,000	$0	$0	$0	$52,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$52,000				$52,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$52,000	$0	$0	$0	$52,000

Village of Bloomingdale
CIP Project Description

Project #: 113

Title: VH Security System

Estimated Total Cost: $46,000

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

Department: Village Services

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.

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.

\\Bloom03\CIP\Images\Security System.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058			$46,000				$46,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$46,000	$0	$0	$0	$46,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$46,000				$46,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$46,000	$0	$0	$0	$46,000

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: Village Services

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:

\\Bloom03\CIP\Images\vehicle 503.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064			$41,055				$41,055
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$41,055	$0	$0	$0	$41,055

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$41,055				$41,055
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$41,055	$0	$0	$0	$41,055

Village of Bloomingdale
CIP Project Description

Project #: 79

Title: 2000 GMC 3/4 Ton Pick-up Vehicle #200

Estimated Total Cost: $38,660

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

Department: Village Services

Organization: 40-04-044-0056

Category: Vehicle - Replacement

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\Unit200.jpg

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. Replacement of this vehicle would be made by transferring a used vehicle from elsewhere in the VS fleet.

SOLUTION: Village Services will evaluate used vehicles being replaced elsewhere in the VS fleet, to find a suitable replacement for this vehicle. The vehicle would be purchased by the WRF by an operating transfer based on the book value of the vehicle at the time of transfer. As a place-marker the value of a new replacement vehicle is listed.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056			$38,660				$38,660
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$38,660	$0	$0	$0	$38,660

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$38,660				$38,660
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$38,660	$0	$0	$0	$38,660

Village of Bloomingdale
CIP Project Description

Project #: 300

Title: 2005 Chevrolet Colorado Vehicle #531

Estimated Total Cost: $36,500
(Including engineering fees, legal fees, land acquisition, etc as applicable)

Department: Village Services
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: 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 assigned to Public Works Equipment Maintenance Division to pick-up parts and supplies. The vehicle is also used during peak seasonal maintenance 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 Services will purchase the replacement vehicle in accordance with applicable provisions of the Village's procurement code.

\\Bloom03\CIP\Images\vehicle 531.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0065			$36,500				$36,500
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$36,500	$0	$0	$0	$36,500

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$36,500				$36,500
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$36,500	$0	$0	$0	$36,500

Village of Bloomingdale
CIP Project Description

Project #: 135

Title: PW Facility Security Automated Access Gate

Estimated Total Cost: $30,000

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

Department: Village Services

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.

m03\CIP\Images\PW Entrance Drive Security Gate IMG_16

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058	$0	$0	$30,000				$30,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$30,000	$0	$0	$0	$30,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000	$0	$0	$30,000				$30,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$30,000	$0	$0	$0	$30,000

Village of Bloomingdale
CIP Project Description

Project #: 402

Title: Eastside ground storage tank maintenance

Estimated Total Cost: $30,000

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

Department: Village Services

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:

\\Bloom03\CIP\Images\eastside ground storage tank.jpg

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 FY16, 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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050		$0	$30,000				$30,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$30,000	$0	$0	$0	$30,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$0	$30,000				$30,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$30,000	$0	$0	$0	$30,000

Village of Bloomingdale
CIP Project Description

Project #: 120

Title: Asphalt Paving Trailer

Estimated Total Cost: $27,000

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

Department: Village Services

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 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.

\\Bloom03\CIP\Images\AsphaltPavingTrailer.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064			$27,000				$27,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$27,000	$0	$0	$0	$27,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$27,000				$27,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$27,000	$0	$0	$0	$27,000

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: Village Services

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:

\\Bloom03\CIP\Images\eastgate sanitary lift station.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054			$25,000				$25,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$25,000	$0	$0	$0	$25,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$25,000				$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: Village Services

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.

\Bloom03\CIP\Images\north circle sanitary lift station 2.jp

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054			$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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$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 #: 57

Title: MPI - Schick, Cardinal, Villa (Loop)

Estimated Total Cost: $23,000

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

Department: Village Services

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**

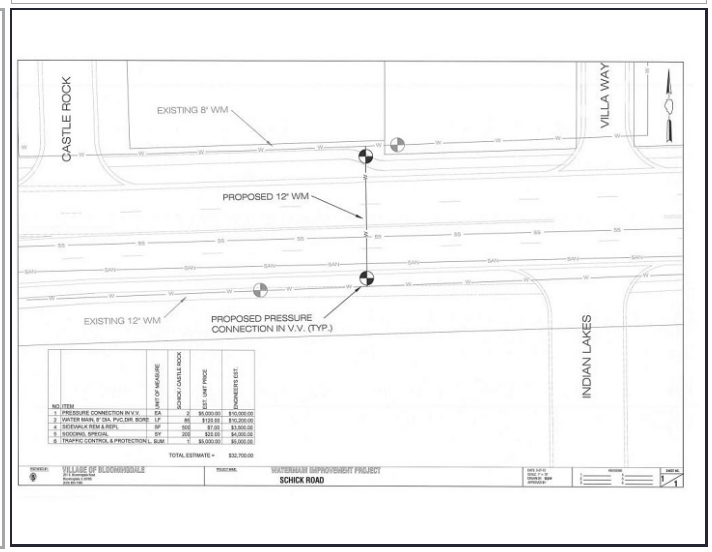
Description:

\\Bloom03\CIP\Images\schick cardinal wm.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052			$23,000				**$23,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$23,000**	**$0**	**$0**	**$0**	**$23,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$23,000				**$23,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$23,000**	**$0**	**$0**	**$0**	**$23,000**

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: Village Services

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

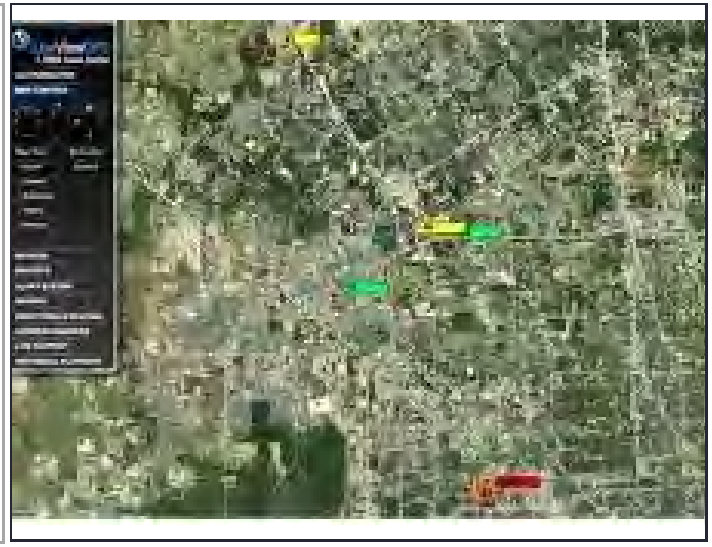
Description:

\\Bloom03\CIP\Images\GPS_Vehicles.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058			$2,000				**$2,000**
01-General Fund	01-04-043-0063			$3,000				**$3,000**
01-General Fund	01-04-043-0064			$14,000				**$14,000**
01-General Fund	01-04-043-0065			$2,000				**$2,000**
								$0
TOTAL		**$0**	**$0**	**$21,000**	**$0**	**$0**	**$0**	**$21,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000	$0		$21,000				**$21,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$21,000**	**$0**	**$0**	**$0**	**$21,000**

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: Village Services

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: Jul, 2015 Start Project: End Project

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. The next scheduled inspection to identify future capital maintenance is scheduled for FY16. Exterior painting is planned for design FY18 and FY19. 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 Village Services Utilities 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.

\\Bloom03\CIP\Images\wpwinston.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050			$20,000	$350,000			$370,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$20,000	$350,000	$0	$0	$370,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$20,000	$350,000			$370,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$20,000	$350,000	$0	$0	$370,000

Village of Bloomingdale
CIP Project Description

Project #: 18

Title: Village Drainage Improvements

Estimated Total Cost: $80,000

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

Department: Village Services

Organization: 07-04-044-0055

Category: Stormwater Collection/Drainage

Organization Name: Stormwater Collection

Complete: No ◉ Yes: ○

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

Description:

ISSUE: Flooding and icing on Village right-of-ways occur in small drainage areas where underground storm sewers or overland storm water relief routes are not present.

ANALYSIS: Small drainage basins where inadequate or undersized storm sewers or overland storm water relief is not present experience flooding resulting in public and private property damage. This program allows for Village response to install drainage systems to address the inadequacies in the existing systems so that the likelihood of recurring public and private property damage is lessened. These projects are usually planned and designed by engineering staff, and construction is usually performed by contractors retained by competitive bid, with the construction supervision and project management completed by engineering staff.

SOLUTION: Install underground storm sewers or overland storm water relief routes where needed; scope and specific projects to be determined.

\\Bloom03\CIP\Images\edgewater.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-044-0055	$0	$0	$20,000	$20,000	$20,000	$20,000	**$80,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$20,000**	**$20,000**	**$20,000**	**$20,000**	**$80,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$0	$0	$20,000	$20,000	$20,000	$20,000	**$80,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$20,000**	**$20,000**	**$20,000**	**$20,000**	**$80,000**

Village of Bloomingdale
CIP Project Description

Project #: 449

Title: Public Work Facility Gate Replacement

Estimated Total Cost: $20,000

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

Department: Village Services

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.

\\Bloom03\CIP\Images\Pwgate.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058		$0	$20,000				$20,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$20,000	$0	$0	$0	$20,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000			$20,000				$20,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$20,000	$0	$0	$0	$20,000

Village of Bloomingdale
CIP Project Description

Project #: 110

Title: Replace Color Scanner

Estimated Total Cost: $16,270

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

Department: Village Services

Organization: 01-01-004-0004

Category: IT

Organization Name: Information Systems - Village Ser

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 Village Services Engineering Division will procure the equipment pursuant to applicable provisions of the Village Purchasing Code.

\\Bloom03\CIP\Images\Oce scanner.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0004			$16,270				$16,270
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$16,270	$0	$0	$0	$16,270

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$16,270				$16,270
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$16,270	$0	$0	$0	$16,270

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: Village Services

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.

\\Bloom03\CIP\Images\mohawk tp15.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0065			$16,000				$16,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$16,000	$0	$0	$0	$16,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$16,000				$16,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$16,000	$0	$0	$0	$16,000

Village of Bloomingdale
CIP Project Description

Project #: 451

Title: PD Sump Pump(s) Replacement

Estimated Total Cost: $15,000

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

Department: Village Services

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: Original sump pumps (4) installed in 1991 have reached their useful life.

ANALYSIS: Replace (2) with upgraded fiberglass enclosed model for easier maintenance and calcium deposit prevention.

SOLUTION: Obtain quotes for replacement of (2) of the (4) pumps.

\\Bloom03\CIP\Images\Pdsumppump.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058			$15,000				$15,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$15,000	$0	$0	$0	$15,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000			$15,000				$15,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$15,000	$0	$0	$0	$15,000

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: Village Services

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.

\\Bloom03\CIP\Images\RolandGX-500.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064			$14,000				$14,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$14,000	$0	$0	$0	$14,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$14,000				$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: Village Services

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:

\\Bloom03\CIP\Images\Water Supply Pumps.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050		$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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$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 #: 77

Title: WRF - New & Replacement Equipment

Estimated Total Cost: $50,400

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

Department: Village Services

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.

\\Bloom03\CIP\Images\WRF pumps.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056			$12,600	$12,600	$12,600	$12,600	**$50,400**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$12,600**	**$12,600**	**$12,600**	**$12,600**	**$50,400**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$12,600	$12,600	$12,600	$12,600	**$50,400**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$12,600**	**$12,600**	**$12,600**	**$12,600**	**$50,400**

Village of Bloomingdale
CIP Project Description

Project #: 20

Title: Local Drainage Improvements

Estimated Total Cost: $54,000

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

Department: Village Services

Organization: 01-04-044-0055

Category: Stormwater Collection/Drainage

Organization Name: Stormwater Collection

Complete: No ◉ Yes: ○

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

Description:

ISSUE: Flooding occurs in small drainage areas on private properties where underground storm sewers or overland storm water relief routes are not present.

ANALYSIS: Small drainage basins where inadequate or undersized storm sewers or overland storm water relief is not present experience flooding resulting in public and private property damage. This program allows for Village response to install drainage systems to address the inadequacies in the existing systems so that the likelihood of recurring public and private property damage is lessened. These projects are usually planned and designed by engineering staff, and construction is usually performed by contractors retained by competitive bid, with the construction supervision and project management completed by engineering staff. Due to the economy, this program has been suspended since FY09.

SOLUTION: Install underground storm sewers or overland storm water relief routes where needed, scope and specific projects to be determined.

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EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-044-0055		$0	$12,000	$14,000	$14,000	$14,000	**$54,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$12,000**	**$14,000**	**$14,000**	**$14,000**	**$54,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000		$0	$12,000	$14,000	$14,000	$14,000	**$54,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$12,000**	**$14,000**	**$14,000**	**$14,000**	**$54,000**

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: Village Services

Organization: 40-04-044-0050

Category: Equipment - New

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

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

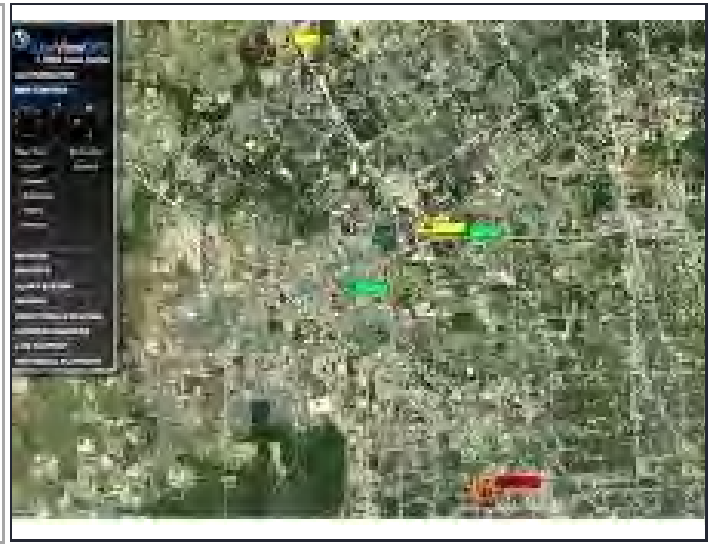
Description:

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).

\\Bloom03\CIP\Images\GPS_Vehicles.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050			$3,000				$3,000
40-Water & Sewer Fund	40-04-044-0052			$5,000				$5,000
40-Water & Sewer Fund	40-04-044-0054			$4,000				$4,000
								$0
								$0
TOTAL		$0	$0	$12,000	$0	$0	$0	$12,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$12,000				$12,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$12,000	$0	$0	$0	$12,000

Village of Bloomingdale
CIP Project Description

Project #: 404

Title: Televising Equipment - Push Camera

Estimated Total Cost: $12,000

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

Department: Village Services

Organization: 40-04-044-0054

Category: Equipment - New

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

ISSUE: The Utilities Division would benefit from the ability to inspect short lengths of sanitary and storm sewer pipe and manholes without utilizing contractual services.

ANALYSIS: The Department completes an annual sanitary and storm sewer cleaning and televising program to systematically inspect the respective collection systems. When issues arise during other times of the year they must be held for the program or contractual services must be arranged. The purchase of televising equipment would enable the Utilities Division to inspect pipe segments and manholes to determine what immediate remedies may be necessary. A push camera provides the widest spectrum of response capabilities without incurring the cost of a complete sewer televising system. The equipment could also be used to inspect interior sewer systems of Village owned facilities if the need arises.

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

\\Bloom03\CIP\Images\0054 Push Camera.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054			$8,000				$8,000
01-General Fund	01-04-044-0055			$4,000				$4,000
								$0
								$0
								$0
TOTAL		$0	$0	$12,000	$0	$0	$0	$12,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000			$4,000				$4,000
40-Water & Sewer Fund	40-00-000-0000			$8,000				$8,000
								$0
								$0
								$0
TOTAL		$0	$0	$12,000	$0	$0	$0	$12,000

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: Village Services

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:

\\Bloom03\CIP\Images\WRF actuator.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056			$10,000	$8,000		$10,000	**$28,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$10,000**	**$8,000**	**$0**	**$10,000**	**$28,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$10,000	$8,000		$10,000	**$28,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$10,000**	**$8,000**	**$0**	**$10,000**	**$28,000**

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: Village Services

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:

\\Bloom03\CIP\Images\skid-steer-concrete-breakers.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064			$10,000				$10,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$10,000	$0	$0	$0	$10,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$10,000				$10,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$10,000	$0	$0	$0	$10,000

Village of Bloomingdale
CIP Project Description

Project #: 111

Title: 10,000 lb Capacity Automotive Lift

Estimated Total Cost: $9,000

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

Department: Village Services

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.

\\Bloom03\CIP\Images\Eqp Mnt Lift MVC-003S.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0065			$9,000				$9,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$9,000	$0	$0	$0	$9,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$9,000				$9,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$9,000	$0	$0	$0	$9,000

Village of Bloomingdale
CIP Project Description

Project #: 122

Title: Walk Behind Concrete Scarifier

Estimated Total Cost: $9,000

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

Department: Village Services

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:

\\Bloom03\CIP\Images\concrete scarifier.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064			$9,000				$9,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$9,000	$0	$0	$0	$9,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$9,000				$9,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$9,000	$0	$0	$0	$9,000

Village of Bloomingdale
CIP Project Description

Project #: 150

Title: Chemical Vacuum Induction Pump

Estimated Total Cost: $6,200

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

Department: Village Services

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**

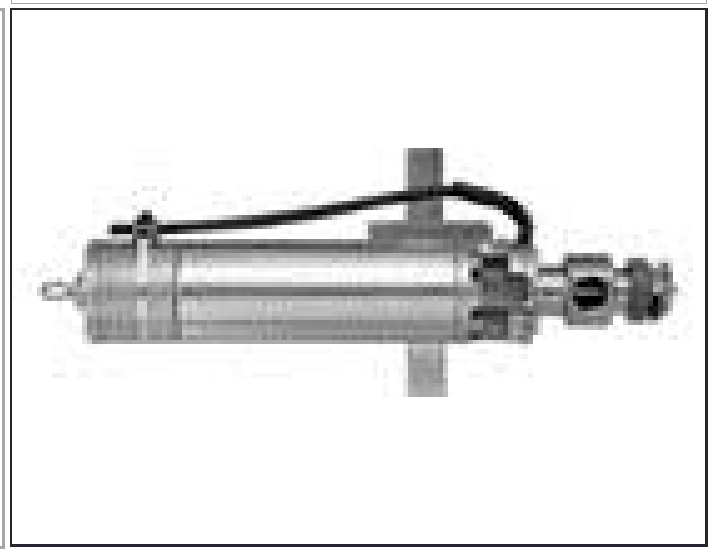
Description:

\\Bloom03\CIP\Images\WRF induction pump.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056			$6,200				$6,200
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$6,200	$0	$0	$0	$6,200

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000			$6,200				$6,200
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$6,200	$0	$0	$0	$6,200

Village of Bloomingdale
CIP Project Description

Project #: 115

Title: Sign Machine 50-inch Roller Applicator

Estimated Total Cost: $6,000

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

Department: Village Services

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:

\\Bloom03\CIP\Images\818_Cover_230.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064			$6,000				$6,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$6,000	$0	$0	$0	$6,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000			$6,000				$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 - FPA Improvements Phase 2B

Estimated Total Cost: $7,440,000

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

Department: Village Services

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 currently consists of a multi-phase plan totaling an estimated $42.26 million. Phase 2B is estimated at $8.2 million and consists primarily of dry weather flow system expansion, addressing pending treatment requirements to satisfy NPDES effluent standards and decrease energy consumption. The preliminary project costs are: Design-$560,000; Construction Eng.-$760,000; Construction-$6,880,000.

SOLUTION: Commence design engineering in FY19 or beyond 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

\\Bloom03\CIP\Images\WRF aerial 2.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056				$560,000	$6,880,000		**$7,440,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$560,000**	**$6,880,000**	**$0**	**$7,440,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000				$560,000	$6,880,000		**$7,440,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$560,000**	**$6,880,000**	**$0**	**$7,440,000**

Village of Bloomingdale
CIP Project Description

Project #: 5

Title: MPI - Glenwood between Gary Ave & Schick Rd

Estimated Total Cost: $1,410,000

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

Department: Village Services

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**

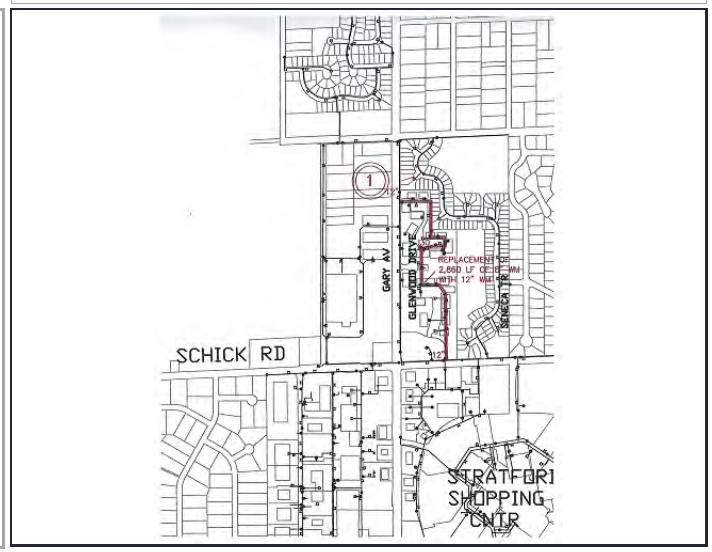
Description:

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.

\\Bloom03\CIP\Images\glenwood wm.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052		$0	$0	$450,000	$480,000	$480,000	**$1,410,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$450,000**	**$480,000**	**$480,000**	**$1,410,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000				$450,000	$480,000	$480,000	**$1,410,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$450,000**	**$480,000**	**$480,000**	**$1,410,000**

Village of Bloomingdale
CIP Project Description

Project #: 282

Title: New Salt Storage

Estimated Total Cost: $345,000

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

Department: Village Services

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:

\\Bloom03\CIP\Images\salt dome.jpg

ISSUE: Over the past several years the Village services Public works street 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 for the past two fiscal seasons; which also caused abilities for "early fill" deliveries at the start of the season, and obtaining enough material at the end of the season in store for the next season.

ANALYSIS: Current practices for snow and ice management utilizes 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 past history and most current 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 .

SOLUTION: The Village services Street Maintenance Division will investigate and develop a program to

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064				$345,000			**$345,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$345,000**	**$0**	**$0**	**$345,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000	$0			$345,000			**$345,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$345,000**	**$0**	**$0**	**$345,000**

Village of Bloomingdale
CIP Project Description

Project #: 153

Title: 2005 International Dump Truck #304

Estimated Total Cost: $154,115

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

Department: Village Services

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 #304, a 2005 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 procure the vehicle, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

\\Bloom03\CIP\Images\Unit304.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064				$154,115			**$154,115**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$154,115**	**$0**	**$0**	**$154,115**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000				$154,115			**$154,115**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$154,115**	**$0**	**$0**	**$154,115**

Village of Bloomingdale
CIP Project Description

Project #: 315

Title: 2005 John Deere 544 Endloader #JD544

Estimated Total Cost: $145,000

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

Department: Village Services

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 FY19.

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.

\\Bloom03\CIP\Images\vehicle 544 loader.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064				$145,000			$145,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$145,000	$0	$0	$145,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000				$145,000			$145,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$145,000	$0	$0	$145,000

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: Village Services

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:

\\Bloom03\CIP\Images\WRF SCADA.jpg

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 will 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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056				$130,000			$130,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$130,000	$0	$0	$130,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000				$130,000			$130,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$130,000	$0	$0	$130,000

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: Village Services

Organization: 40-04-044-0054

Category: Vehicle - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\vehicle 703.jpg

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 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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054				$86,575			$86,575
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$86,575	$0	$0	$86,575

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000				$86,575			$86,575
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$86,575	$0	$0	$86,575

Village of Bloomingdale
CIP Project Description

Project #: 152

Title: 2005 Dump Truck #705

Estimated Total Cost: $86,570

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

Department: Village Services

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, extended warranty and "aftermarket" equipment pursuant to applicable provisions of the Village Purchasing Code.

\\Bloom03\CIP\Images\Unit705.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064				$86,570			$86,570
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$86,570	$0	$0	$86,570

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000				$86,570			$86,570
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$86,570	$0	$0	$86,570

Village of Bloomingdale
CIP Project Description

Project #: 260

Title: Replace Meter Transceiver Units (MXU's)

Estimated Total Cost: $240,000

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

Department: Village Services

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:** Jul, 2018 **Start Project:** **End Project**

Description:

\\Bloom03\CIP\Images\wpMXU.jpg

ISSUE: Water Production's meter transceiver units (MXU's) will have reached their useful life.

ANALYSIS: An MXU is installed on each water meter connected to the Village's water system. The unit enables meter reading and diagnostics via radio signals. The MXU's were installed in 2003 and have an expected lifespan of 20 years. An MXU replacement program is scheduled to take place over a ten year span starting in FY19.

SOLUTION: Provide funding to purchase replacement MXU's during the replacement program time frame.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050				$80,000	$80,000	$80,000	**$240,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$80,000**	**$80,000**	**$80,000**	**$240,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000				$80,000	$80,000	$80,000	**$240,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$80,000**	**$80,000**	**$80,000**	**$240,000**

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: Village Services

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.

\\Bloom03\CIP\Images\skid steer 2015.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064				$57,855			$57,855
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$57,855	$0	$0	$57,855

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000				$57,855			$57,855
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$57,855	$0	$0	$57,855

Village of Bloomingdale
CIP Project Description

Project #: 299

Title: 2003 Ford 3/4 Ton Pick-up Vehicle #303

Estimated Total Cost: $40,600

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

Department: Village Services

Organization: 01-04-043-0058

Category: Vehicle - Replacement

Organization Name: Buildings & Grounds

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\vehicle 303.jpg

ISSUE: Vehicle #303, a 2003, 3/4 ton 4X4 pickup, equipped to be plow ready is scheduled to be replaced as it is expected to have reached its useful life.

ANALYSIS: The vehicle is assigned to Public Works Building and Grounds Maintenance, serving to transport equipment and personnel 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 Services will purchase the replacement vehicle in accordance with applicable provisions of the Village's procurement code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058				$40,600			$40,600
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$40,600	$0	$0	$40,600

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000				$40,600			$40,600
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$40,600	$0	$0	$40,600

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: Village Services

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:

om03\CIP\Images\truck mounted liquid dispensing syster

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-044-0055				$40,000			$40,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$40,000	$0	$0	$40,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000				$40,000			$40,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$40,000	$0	$0	$40,000

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: Village Services

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**

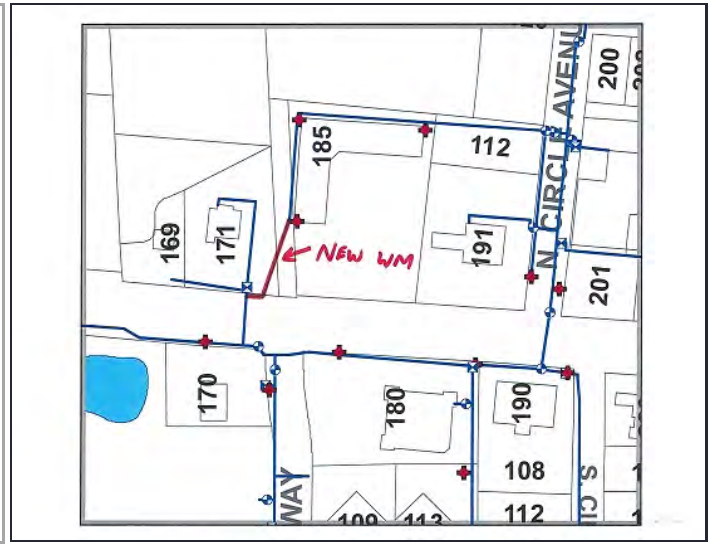
Description:

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.

\\Bloom03\CIP\Images\fairfield lake wm.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052				$40,000			$40,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$40,000	$0	$0	$40,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000				$40,000			$40,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$40,000	$0	$0	$40,000

Village of Bloomingdale
CIP Project Description

Project #: 405

Title: Pavement Saw - Walk Behind

Estimated Total Cost: $30,000

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

Department: Village Services

Organization: 40-04-044-0052

Category: Equipment - New

Organization Name: Distribution System

Complete: No ◉ Yes: ○

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

Description:

ISSUE: The Village Services 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.

\\Bloom03\CIP\Images\0052 Pavement Saw.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052				$12,000			**$12,000**
01-General Fund	01-04-043-0063				$10,000			**$10,000**
01-General Fund	01-04-044-0055				$8,000			**$8,000**
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$30,000**	**$0**	**$0**	**$30,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000				$18,000			**$18,000**
40-Water & Sewer Fund	40-00-000-0000				$12,000			**$12,000**
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$30,000**	**$0**	**$0**	**$30,000**

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: Village Services

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**

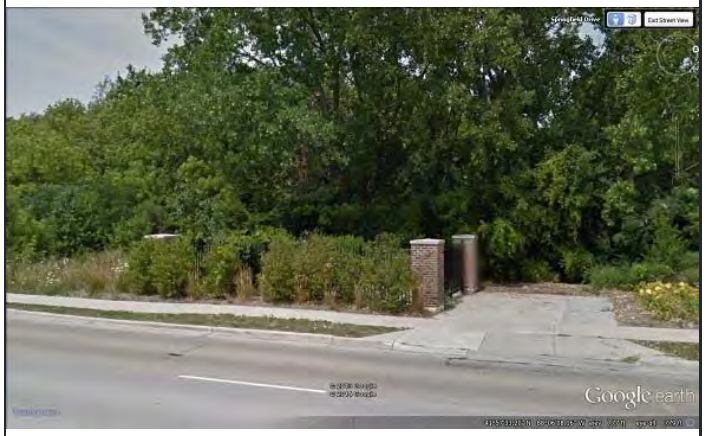
Description:

\\Bloom03\CIP\Images\springfield sanitary lift station.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054				$25,000			$25,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$25,000	$0	$0	$25,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000				$25,000			$25,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$25,000	$0	$0	$25,000

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: Village Services

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:

\\Bloom03\CIP\Images\WRF roof.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056				$20,000			$20,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$20,000	$0	$0	$20,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000				$20,000			$20,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$20,000	$0	$0	$20,000

Village of Bloomingdale
CIP Project Description

Project #: 126

Title: Walk Behind Roller

Estimated Total Cost: $12,000

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

Department: Village Services

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 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.

\\Bloom03\CIP\Images\Walk Behind Roller.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064				$12,000			$12,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$12,000	$0	$0	$12,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000				$12,000			$12,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$12,000	$0	$0	$12,000

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: Village Services

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.

\\Bloom03\CIP\Images\Salt Dome Door.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-044-0055				$7,000			$7,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$7,000	$0	$0	$7,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000				$7,000			$7,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$7,000	$0	$0	$7,000

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: Village Services

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:

\\Bloom03\CIP\Images\pressure washer.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064				$7,000			$7,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$7,000	$0	$0	$7,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000				$7,000			$7,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$7,000	$0	$0	$7,000

Village of Bloomingdale
CIP Project Description

Project #: 124

Title: Replace Stander Lawn mower

Estimated Total Cost: $6,000

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

Department: Village Services

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.

\\Bloom03\CIP\Images\stander mower.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0063				$6,000			$6,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$6,000	$0	$0	$6,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000				$6,000			$6,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$6,000	$0	$0	$6,000

Village of Bloomingdale
CIP Project Description

Project #: 197

Title: Replace Laboratory Incubator

Estimated Total Cost: $6,000

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

Department: Village Services

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:

\\Bloom03\CIP\Images\WRF incubator.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056				$6,000			$6,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$6,000	$0	$0	$6,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000				$6,000			$6,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$6,000	$0	$0	$6,000

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: Village Services

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 #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.

\\Bloom03\CIP\Images\Vehicle105.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064					$172,540		$172,540
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$172,540	$0	$172,540

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000					$172,540		$172,540
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$172,540	$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: Village Services

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:

\\Bloom03\CIP\Images\vehicle 605.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064					$154,115		$154,115
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$154,115	$0	$154,115

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000					$154,115		$154,115
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$154,115	$0	$154,115

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: Village Services

Organization: 40-04-044-0050

Category: Vehicle - Replacement

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 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 Village Services Public Works/Utilities Division will procure the vehicle, extended warranty and aftermarket equipment pursuant to applicable provisions of the Village Procurement Code.

\\Bloom03\CIP\Images\vehicle 208.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050		$0	$0	$0	$48,550		**$48,550**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$48,550**	**$0**	**$48,550**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000					$48,550		**$48,550**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$48,550**	**$0**	**$48,550**

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: Village Services

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:

\\Bloom03\CIP\Images\Unit308.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064					$44,505		$44,505
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$44,505	$0	$44,505

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000					$44,505		$44,505
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$44,505	$0	$44,505

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: Village Services

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:

\Bloom03\CIP\Images\lawrence ave sanitary lift station.jp

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 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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054					$25,000		$25,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$25,000	$0	$25,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000					$25,000		$25,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$25,000	$0	$25,000

Village of Bloomingdale
CIP Project Description

Project #: 189

Title: Skylights

Estimated Total Cost: $15,000

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

Department: Village Services

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.

\\Bloom03\CIP\Images\WRF skylights.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056					$15,000		$15,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$15,000	$0	$15,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000					$15,000		$15,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$15,000	$0	$15,000

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: Village Services

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**

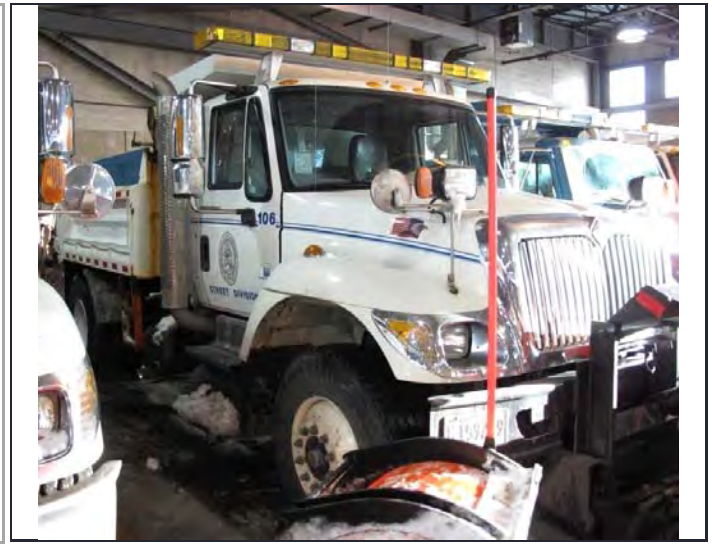
Description:

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.

\\Bloom03\CIP\Images\Unit106.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064						$154,115	$154,115
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$154,115	$154,115

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000						$154,115	$154,115
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$154,115	$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: Village Services

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**

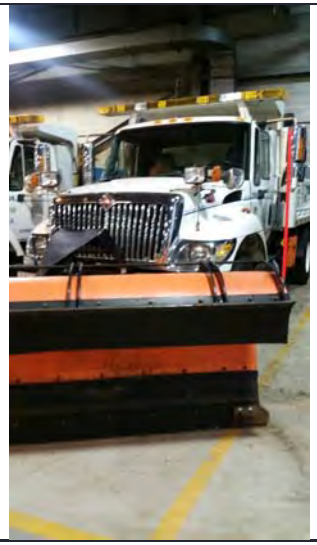
Description:

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.

\\Bloom03\CIP\Images\vehicle206.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064						$154,115	**$154,115**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$154,115**	**$154,115**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000						$154,115	**$154,115**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$0**	**$0**	**$0**	**$0**	**$154,115**	**$154,115**

Village of Bloomingdale
CIP Project Description

Project #: 441

Title: MQ Generator DB138IJ Unit #501

Estimated Total Cost: $53,765

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

Department: Village Services

Organization: 40-04-044-0054

Category: Equipment - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0054 501 MQ Generator.jpg

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: The Village Services Public Works /Utilities Division will procure a similar unit pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054						$53,765	$53,765
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$53,765	$53,765

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000						$53,765	$53,765
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$53,765	$53,765

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: Village Services

Organization: 40-04-044-0054

Category: Equipment - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0052 B2106 Kubota.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054						$33,680	$33,680
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$33,680	$33,680

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000						$33,680	$33,680
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$33,680	$33,680

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: Village Services

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:

\\Bloom03\CIP\Images\wpcard.jpg

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 Village Services Utilities Division staff will continue to conduct periodic inspections, and reconsider replacing Cardinal water tower if conditions warrant.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050		$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

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: Village Services

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:

\\Bloom03\CIP\Images\springbrook erosion.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-044-0055							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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:

\\Bloom03\CIP\Images\Lake Illini and Leslie Lake.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-044-0055							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$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: Village Services

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**

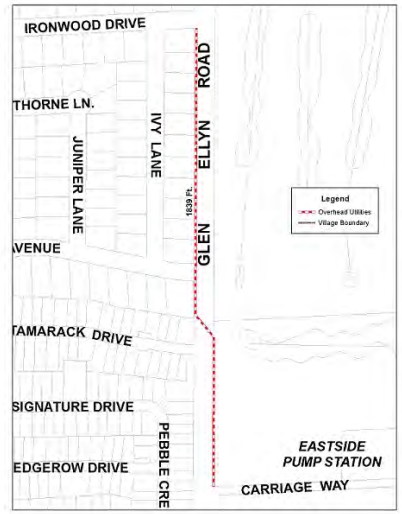
Description:

\Bloom03\CIP\Images\OHGlenEllynIronwoodToCarriage.jp

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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**

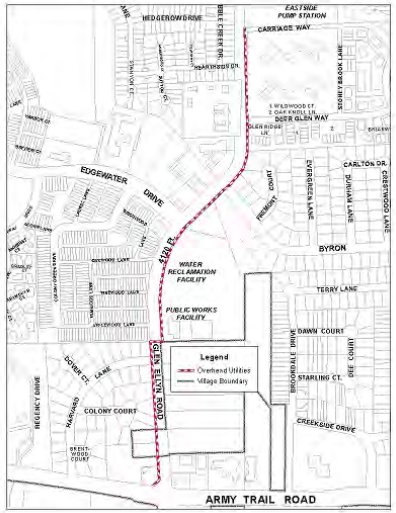
Description:

\\Bloom03\CIP\Images\OHGlenEllynCarriageToHarvard.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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:

oom03\CIP\Images\OHBloomingdaleGreenwayToFairfield

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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**

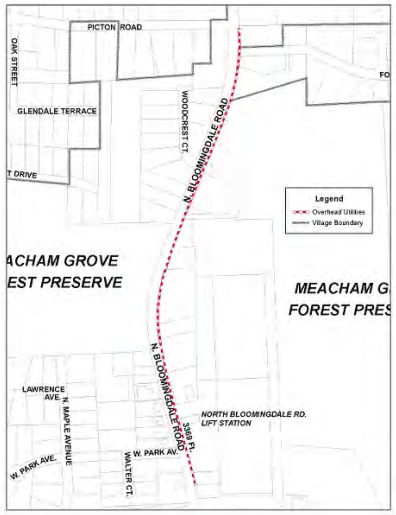
Description:

\Bloom03\CIP\Images\OHBloomingdaleFesslerToPicton.jp

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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**

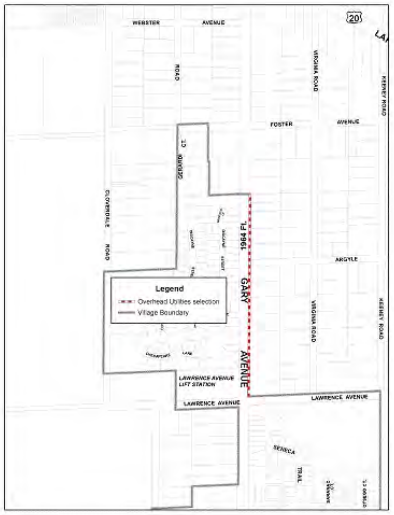
Description:

\\Bloom03\CIP\Images\OHGaryLawrenceToFoster.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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**

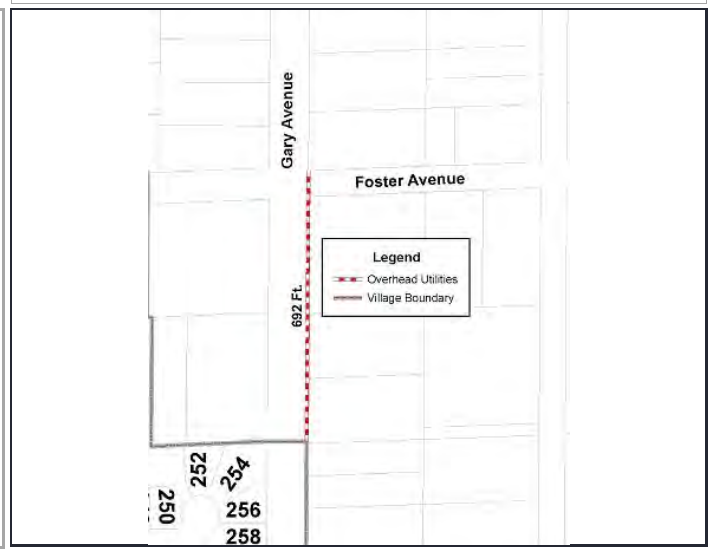
Description:

\\Bloom03\CIP\Images\OHGaryFoster.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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**

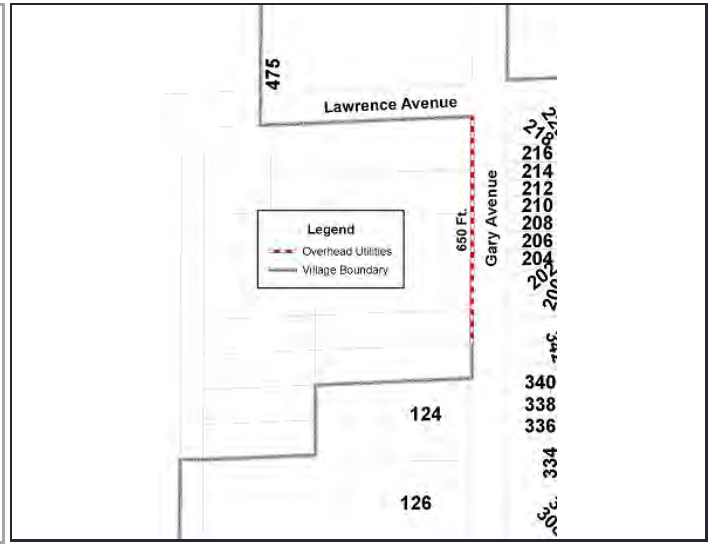
Description:

\\Bloom03\CIP\Images\OHGaryLawrenceToMeijer.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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:

\\Bloom03\CIP\Images\OHMedinahByronToLake.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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**

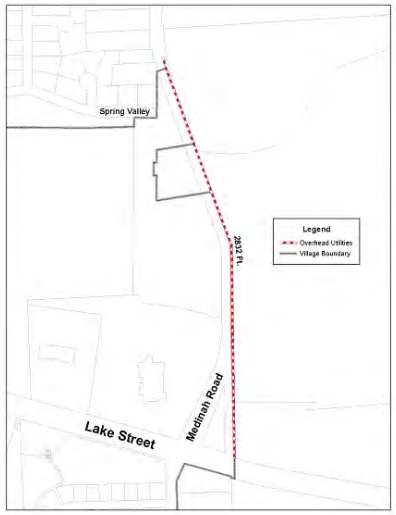
Description:

\Bloom03\CIP\Images\OHMedinahLakeToSpringValley.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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

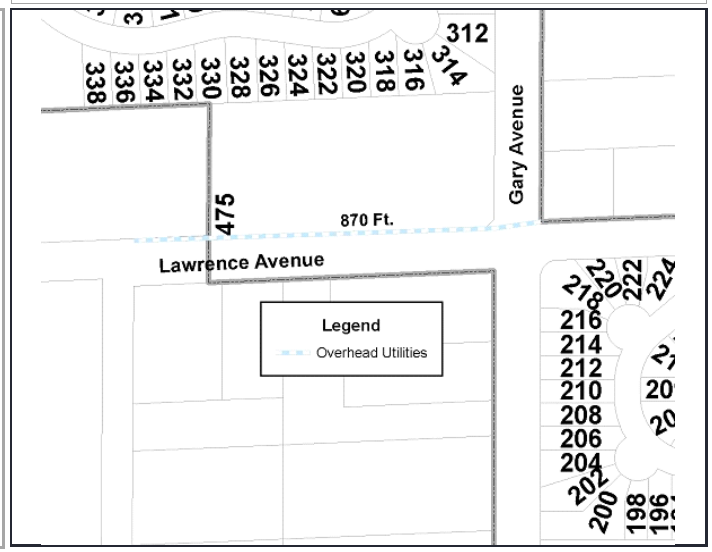
Description:

\\Bloom03\CIP\Images\OHLawrenceGaryToThorn.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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:

\\Bloom03\CIP\Images\OHLawrenceWheaton.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 39

Title: OH-Lawrence Avenue - Garden to Springfield

Estimated Total Cost: $0

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

Department: Village Services

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**

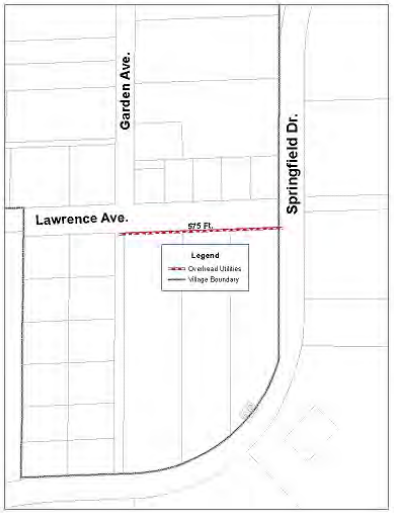
Description:

\Bloom03\CIP\Images\OHLawrenceGardenToSpringfield.jp

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000	$0						$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000	$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: Village Services

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**

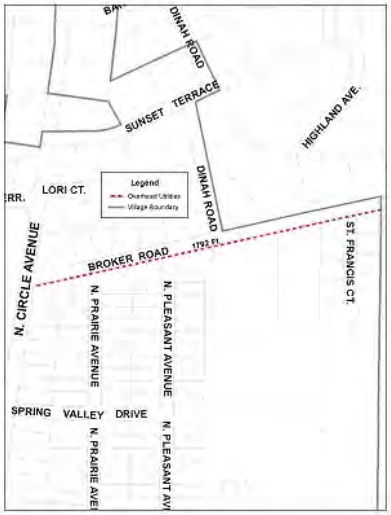
Description:

\\Bloom03\CIP\Images\OHBrokerCircleToStFrancis.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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

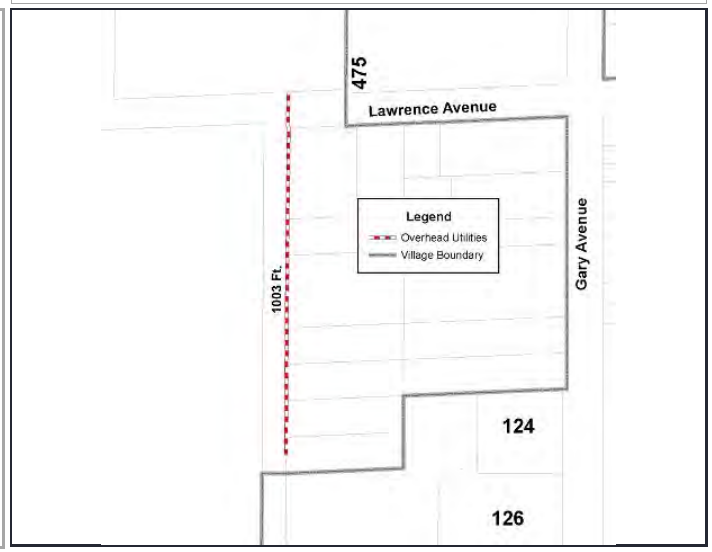
Description:

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.

\\Bloom03\CIP\Images\OHThornLimitsToLawrence.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 42

Title: OH-North Circle Avenue - Lake to Sunset

Estimated Total Cost: $0

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

Department: Village Services

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:

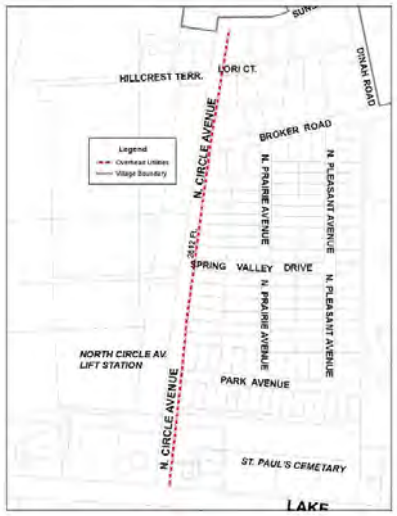
\\Bloom03\CIP\Images\OHNorthCircleLakeToSunset.jpg

ISSUE: Roadside overhead electric, telephone 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 $1,121,250 to relocate approximately 2,990 lineal feet of overhead cables underground. Final scope, cost and timing of implementation TBD.

Note: A segment of existing overhead electric, telephone and cable television wiring on Circle Avenue is proposed to be relocated underground from Lake Street to south of Springbrook in conjunction with



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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**

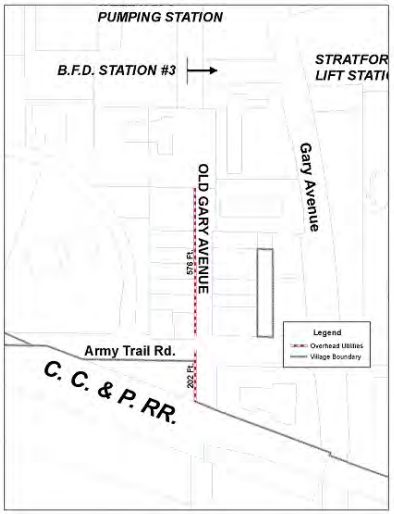
Description:

\\Bloom03\CIP\Images\OHOldGaryArmyTrail.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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**

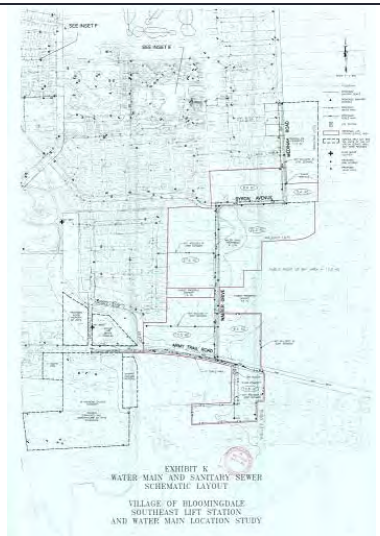
Description:

\\Bloom03\CIP\Images\MPImedinah.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

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

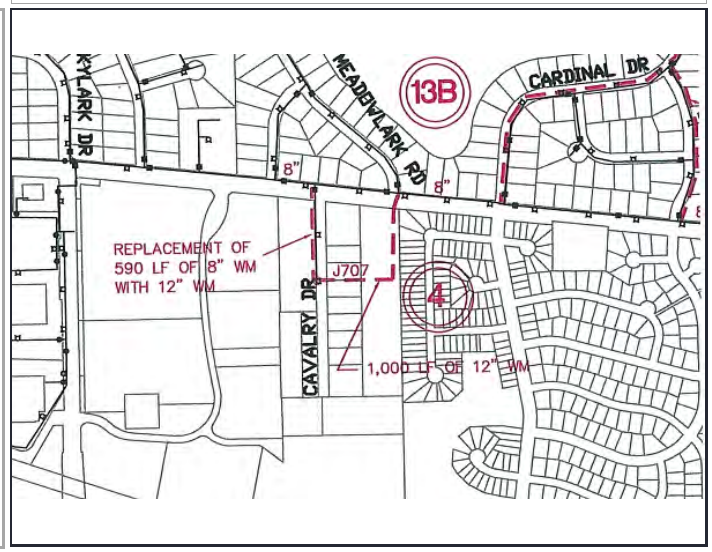
Description:

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.

\\Bloom03\CIP\Images\cavalry wm.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

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:

\\Bloom03\CIP\Images\medinah wm.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

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**

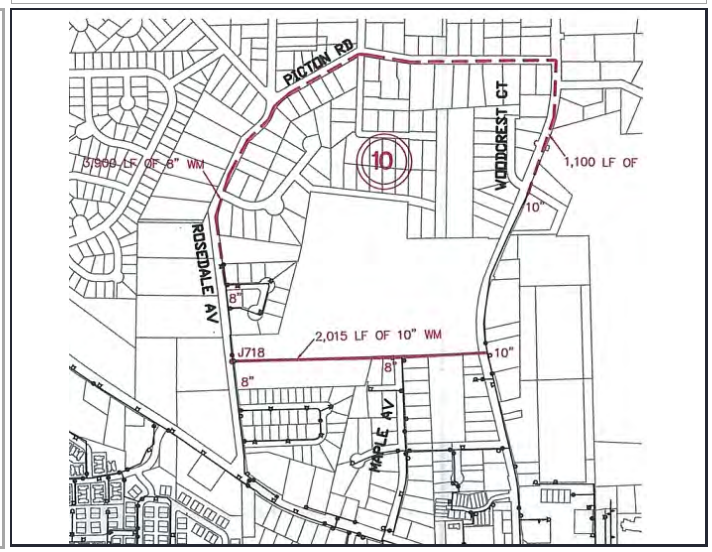
Description:

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.

\\Bloom03\CIP\Images\n bloomingdale wm loop.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

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

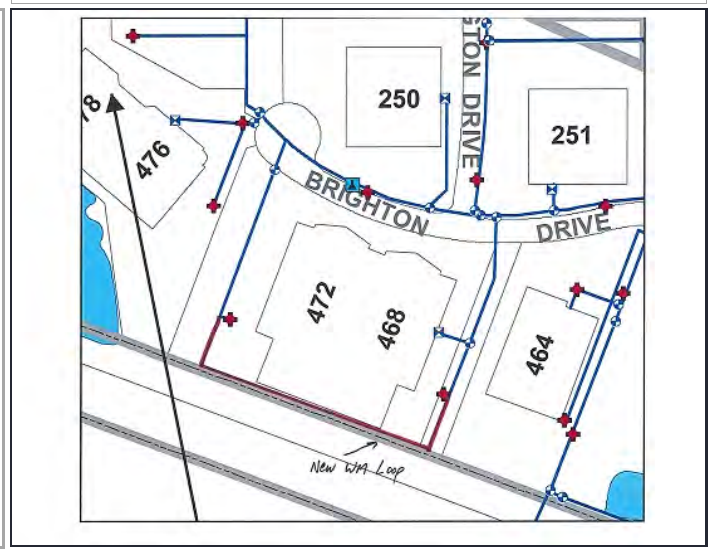
Description:

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.

\\Bloom03\CIP\Images\brighton dr wm.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 64

Title: Distribution - New and Replacement Equipment

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0052

Category: Equipment - Replacement

Organization Name: Distribution System

Complete: No ◉ Yes: ○

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

Description:

ISSUE: Provides funding to purchase new or replacement small capital equipment such as pumps, diesel pumps, back-up generators, etc. that is used in the operation and maintenance of the system.

ANALYSIS: Distribution operations requires small equipment to complete both routine and emergency maintenance on the water distribution system.

SOLUTION: Purchase new and replacement equipment as necessary to sustain in-house maintenance operations.

\\Bloom03\CIP\Images\pump_small.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052		$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000		$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 #: 65

Title: 2004 Chevy Astro Van #104

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0050

Category: Vehicle - Replacement

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\FY16 Transit.jpg

ISSUE: The 2016 Transit Cargo Van, purchased in FY16 is scheduled to be replaced as it has reached its useful life.

ANALYSIS: The vehicle is assigned to water customer service personnel that perform meter reads, meter service calls, turn-on/shutoffs, high consumption and similar testing. Research into a suitable replacement and necessary features will be performed. Cost savings are expected in terms of maintenance costs and fuel savings as new vehicles are typically more efficient and require less initial maintenance.

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

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	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	FY17	FY18	FY19	FY20	FY21	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: Village Services

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:

\\Bloom03\CIP\Images\SE Quadrant VOB.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

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 $8.8 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 of the Phase 4 WRF Improvements in FY22 or beyond 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.

\\Bloom03\CIP\Images\WRF aerial 2.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

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 $9.6 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 of the Phase 3 WRF Improvements in FY21 or beyond 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.

\\Bloom03\CIP\Images\WRF aerial 2.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 80

Title: 2001 International 2 1/2 Ton Dump Vehicle #101

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0054

Category: Vehicle - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0054 Unit101.jpg

ISSUE: The 2001 International Dump Truck, vehicle #101, 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: This vehicle will be replaced through the "hand-down" process after a similar is replaced in the Streets division, thus saving approximatley $142,000.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 107

Title: Replace Geo XH GPS Mapping System

Estimated Total Cost: $0

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

Department: Village Services

Organization: 01-04-040-0000

Category: Equipment - Replacement

Organization Name: Engineering

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\GeoXH.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-040-0000	$0						$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$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: Village Services

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.

\\Bloom03\CIP\Images\scissor lift in garage.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Village Services

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.

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EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Village Services

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.

\\Bloom03\CIP\Images\IMG_1204.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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

Estimated Total Cost: $0

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

Department: Village Services

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.

\\Bloom03\CIP\Images\spss.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064	$0						$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000	$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: Village Services

Organization: 01-01-001-0000

Category: Recreational Path

Organization Name: Executive & Legislative

Complete: No ◉ Yes: ○

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

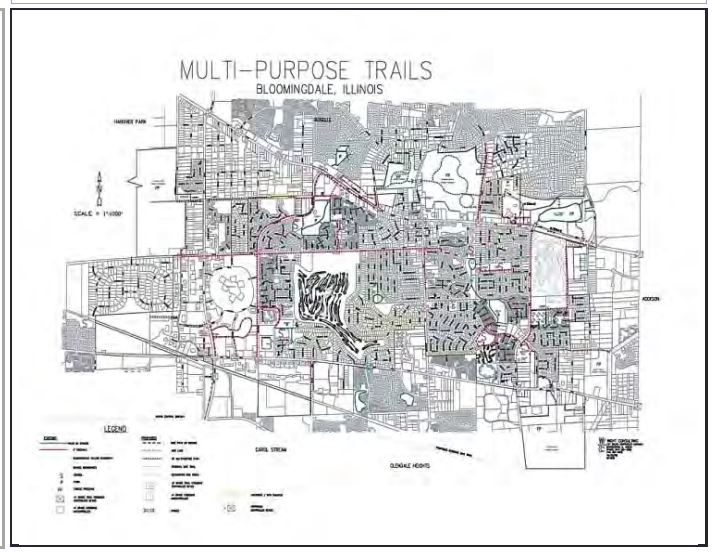
Description:

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-001-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$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: Village Services

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**

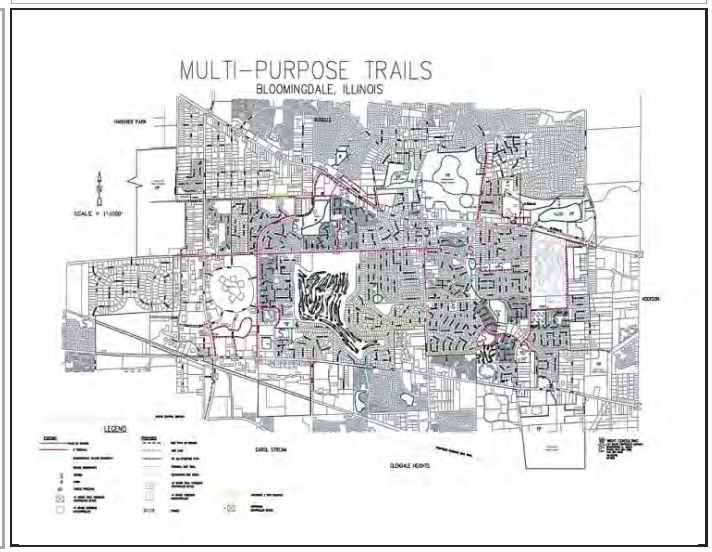
Description:

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-001-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$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: Village Services

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**

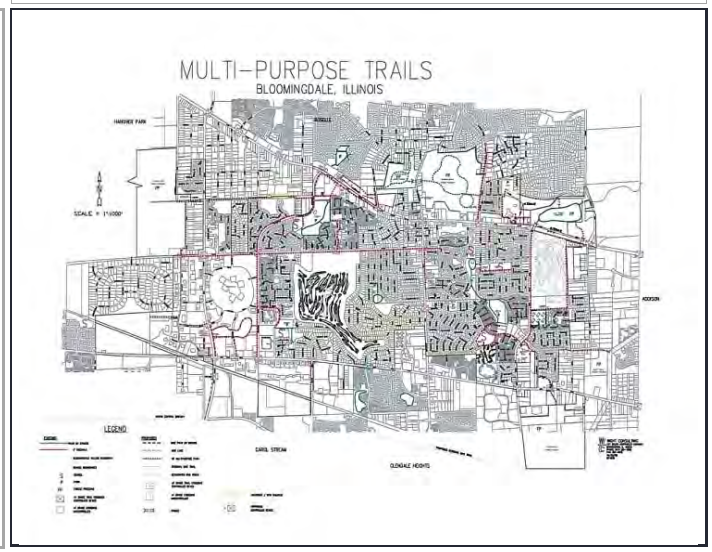
Description:

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-001-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$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: Village Services

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Maintenance

Complete: No ◉ Yes: ○

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

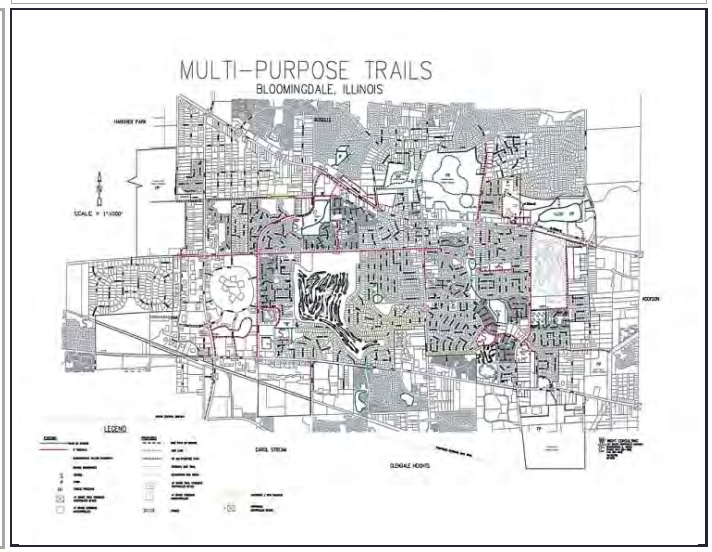
Description:

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.

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000							$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: Village Services

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Maintenance

Complete: No ◉ Yes: ○

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

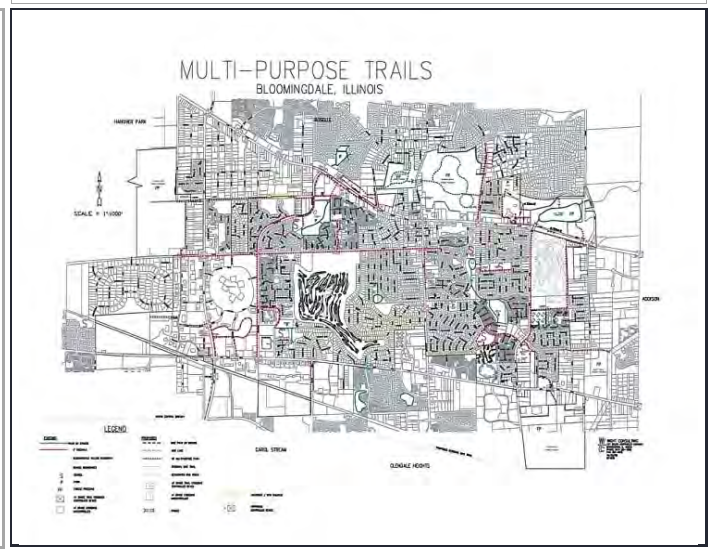
Description:

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000							$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: Village Services

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Maintenance

Complete: No ◉ Yes: ○

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

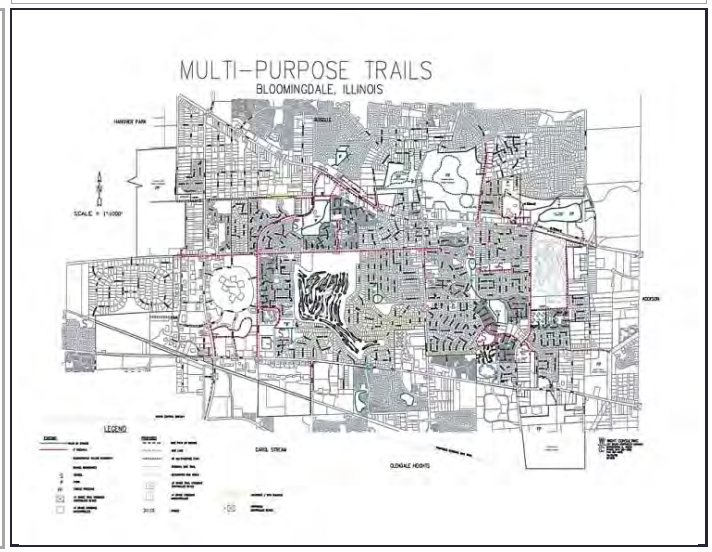
Description:

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000							$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: Village Services

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Maintenance

Complete: No ◉ Yes: ○

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

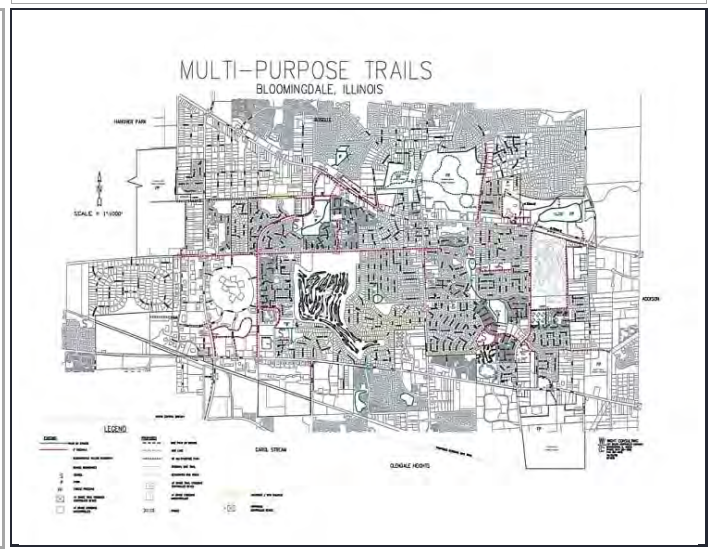
Description:

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.

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000							$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: Village Services

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Maintenance

Complete: No ◉ Yes: ○

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

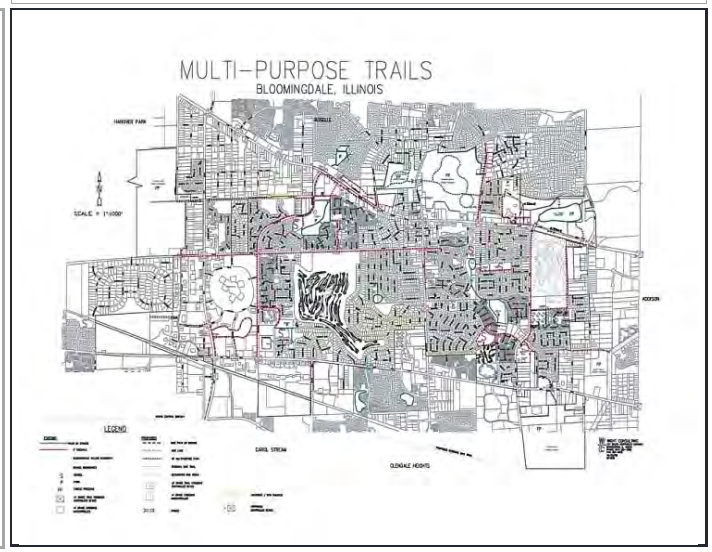
Description:

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.

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000							$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: Village Services

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Maintenance

Complete: No ◉ Yes: ○

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

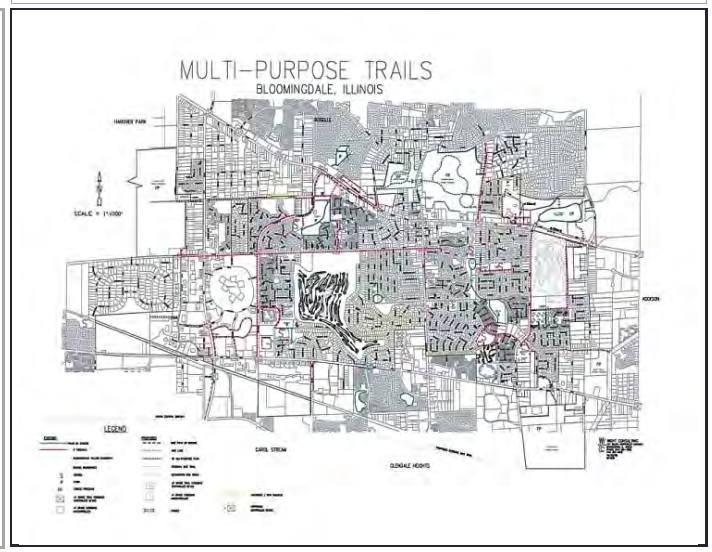
Description:

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.

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-00-000-0000							$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: Village Services

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Maintenance

Complete: No ◉ Yes: ○

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

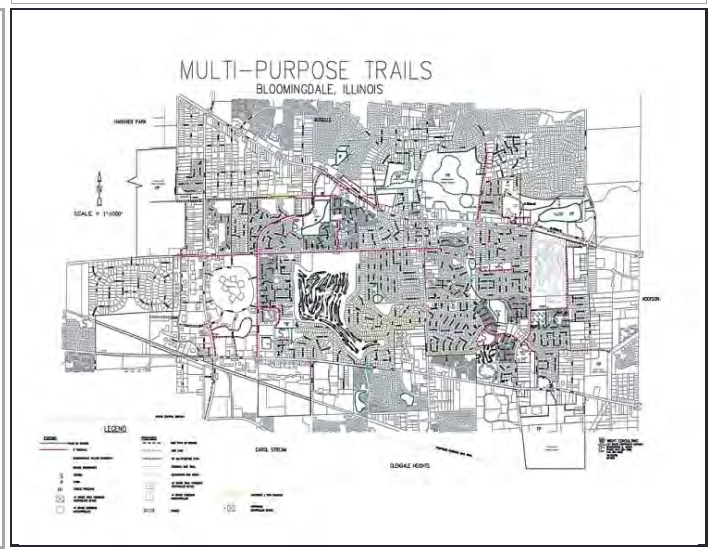
Description:

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.

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Maintenance

Complete: No ◉ Yes: ○

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

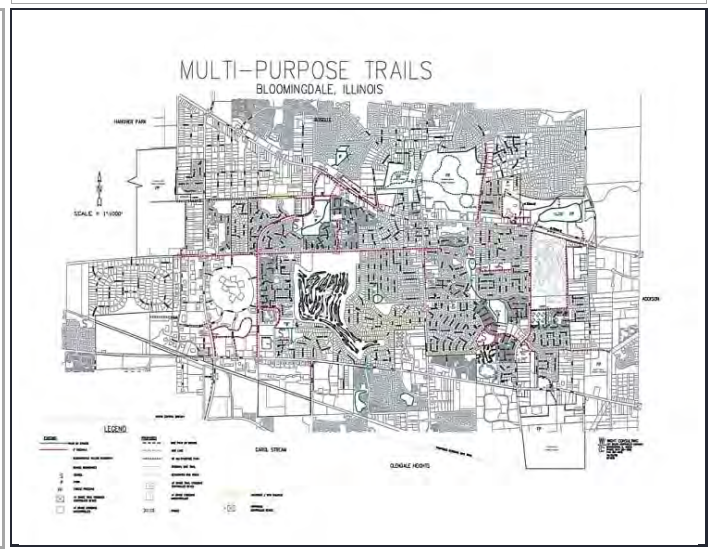
Description:

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.

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Maintenance

Complete: No ◉ Yes: ○

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

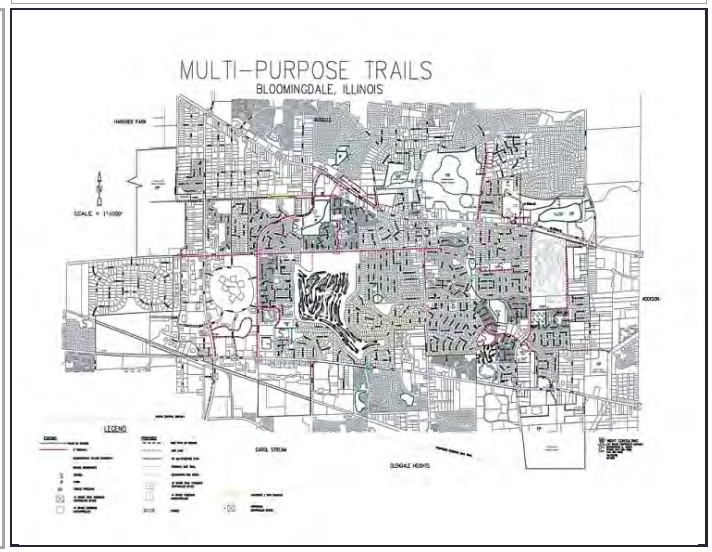
Description:

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.

\\Bloom03\CIP\Images\Multi Purpose Trails.jpg



EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

Organization: 07-04-042-0066

Category: Recreational Path

Organization Name: Recreational Path Maintenance

Complete: No ◉ Yes: ○

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

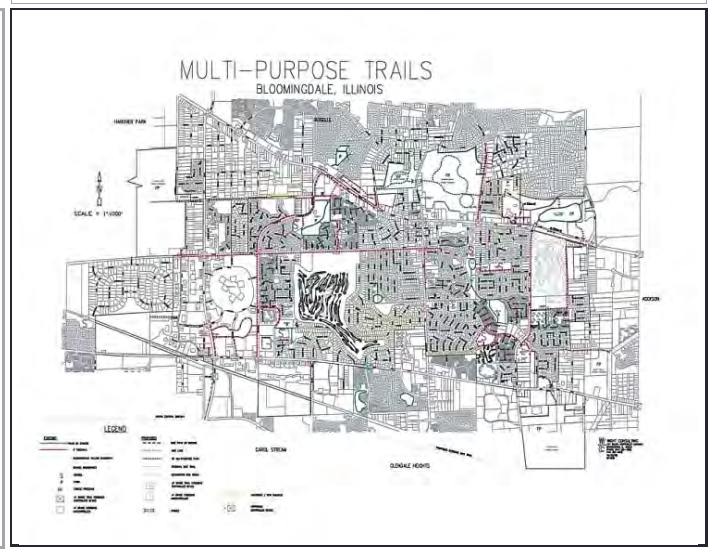
Description:

\\Bloom03\CIP\Images\Multi Purpose trails.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
07-Home Rule Sales Tax Fund	07-04-042-0066							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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**

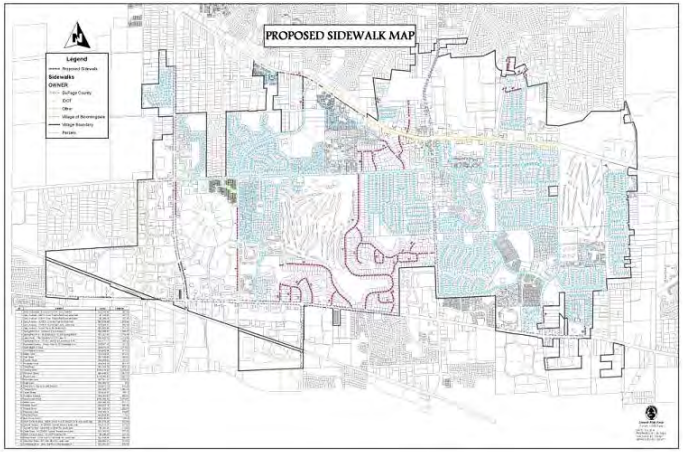
Description:

\\Bloom03\CIP\Images\SidewalkMap.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 180

Title: Street Light Enhancement Program

Estimated Total Cost: $0

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

Department: Village Services

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:

\\Bloom03\CIP\Images\thLLYWGPA5.jpg

ISSUE: Aging street light system is expensive to maintain and operate. Alternatives to the existing street light system should be investigated and cost-effective replacements installed when possible.

ANALYSIS: Changes in street lighting technology from high intensity discharge (HID) lamps to energy efficient light emitting diodes (LED) lamps are become more widespread in use, competitive in cost, and accepted by the public. There are operational efficiencies that can be gained in turning over the existing street light system from HID lamps to LED when the existing lamps have reached the end of their life. The Village will need to consider the replacement LED style and fixture cost to purchase and install, compared to the cost to maintain the existing HID system to determine the most cost effective method going forward. Staff will continue to explore new technologies, study the cost comparisons between the HID and LED systems and investigate potential grant funding for new LED systems to defray part of the conversion cost.

SOLUTION: Scope, amount and timing of implementation TBD.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 191

Title: SCADA

Estimated Total Cost: $0

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

Department: Village Services

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:

\\Bloom03\CIP\Images\WRF SCADA.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 198

Title: 4X4 Utility Vehicle

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0056

Category: Equipment - Replacement

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\John Deere Gator Full Side Cab.jpg

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	FY17	FY18	FY19	FY20	FY21	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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 239

Title: Fire Hydrant Painting Program

Estimated Total Cost: $0

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

Department: Village Services

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: Corrosion maintenance of existing inventory of 1,700 fire hydrants.

ANALYSIS: Annual contracted maintenance program for painting maintenance of 250-300 hydrants on an approximate 6-year cycle. Work consists of surface preparation, prime coat and finish coat applications.

SOLUTION: The Village Services Public Works /Utilities Division would procure the services of a qualified industrial coatings applicator contractor pursuant to applicable provisions of the Village Purchasing Code.

Note: For the last three fiscal years, and the foreseeable future, this program has been completed using "in-house" personnel resources and purchased materials rather than using contracted resources. The FY17 program will also planned to be completed "in-house".

\\Bloom03\CIP\Images\0052 Fire Hydrant.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

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**

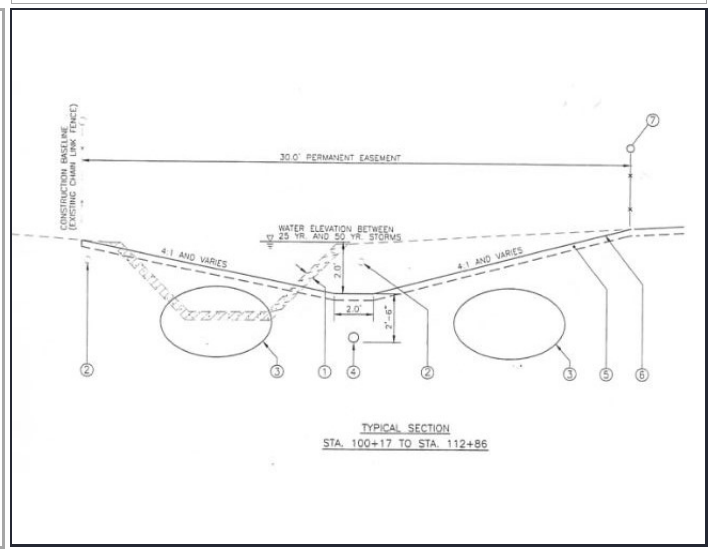
Description:

\\Bloom03\CIP\Images\clearbrook.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-044-0055							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$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: Village Services

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**

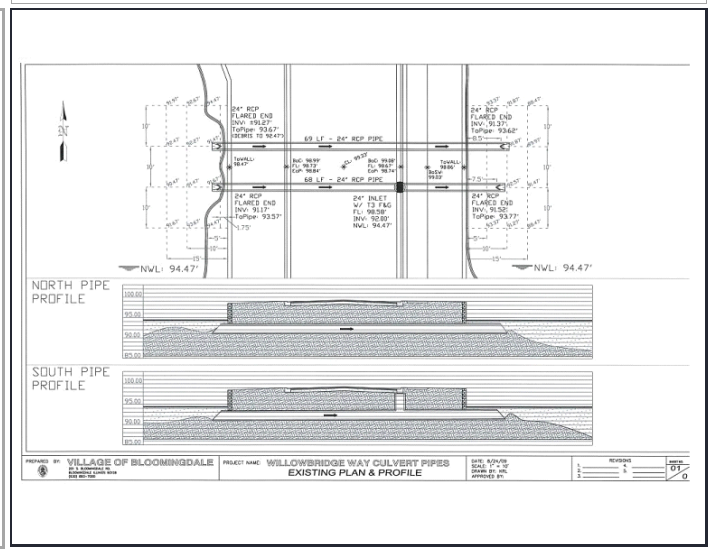
Description:

\\Bloom03\CIP\Images\willow.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-044-0055							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
								$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 316

Title: 2008 International Flat Bed #108

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0052

Category: Equipment - Replacement

Organization Name: Distribution System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\vehicle 108.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
40-Water & Sewer Fund	40-04-044-0054							$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

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.

\\Bloom03\CIP\Images\tire machine 2015.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0065	$0						$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 294

Title: Chlorination System Upgrade

Estimated Total Cost: $0

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

Department: Village Services

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 FY22.

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.

\\Bloom03\CIP\Images\chlorination system.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

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:

\\Bloom03\CIP\Images\1993FordNHSkidsteerUnit#785.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064	$0						$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000	$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: Village Services

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:

\\Bloom03\CIP\Images\Fairfield Court.jpg

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.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$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: Village Services

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.

\\Bloom03\CIP\Images\materialspreader.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Village Services

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.

\\Bloom03\CIP\Images\calciumtanks2.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Village Services

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:

\\Bloom03\CIP\Images\paintsprayer.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$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: Village Services

Organization: 40-04-044-0054

Category: Vehicle - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0054 109 Vactor.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

Organization: 40-04-044-0052

Category: Vehicle - Replacement

Organization Name: Distribution System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0052 612 Pick Up.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

Organization: 40-04-044-0050

Category: Equipment - Replacement

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\sensus amr handheld unit.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050		$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

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:

\\Bloom03\CIP\Images\vehicle412.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0063							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$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: Village Services

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:

\\Bloom03\CIP\Images\vehicle312.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$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: Village Services

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:

\\Bloom03\CIP\Images\vehicle114.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$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: Village Services

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.

\\Bloom03\CIP\Images\ManliftVehicle.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-00-000-0000							$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: Village Services

Organization: 01-01-004-0004

Category: Equipment - Replacement

Organization Name: Information Systems - Village Ser

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\cfasoftware.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-01-004-0004							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 356

Title: Mini Excavator - CAT305

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0052

Category: Equipment - Replacement

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.

\\Bloom03\CIP\Images\CAT305c miniexcavator.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
	40-04-044-0054							$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 332

Title: 2014 Dodge Tradesman Van, Vehicle #314

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0050

Category: Vehicle - Replacement

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\Dodge Tradesman.jpg

ISSUE: The 2014 Dodge Tradesman Van, vehicle #314, is scheduled to be replaced as it has reached its useful life.

ANALYSIS: The vehicle is assigned to water customer service personnel that perform meter reads, meter service calls, turn-on/shutoffs, high consumption and similar testing. Research into a suitable replacement to include features such as front wheel drive, cargo storage capacity to accommodate materials and equipment, length of cargo storage area to accommodate valve keys, and payload will be conducted. An extended warranty for the drive train and electrical system will also be purchased. "Aftermarket" equipment will be sourced separately and expected to include emergency lighting/radio, shelving, a workbench and striping.

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

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050		$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 359

Title: JULIE System Teleticket Pro System

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0052

Category: Equipment - Replacement

Organization Name: Distribution System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0052 JULIE Computer.jpg

ISSUE: The JULIE System Teleticket Computer is anticipated to reach its useful life after FY21.

ANALYSIS: The JULIE System Teleticket Computer receives locate requests from the JULIE system and prints them for response. The computer then maintains a database of locate requests which staff updates with information such as response type. The existing computer was purchased in FY14 for $2,150.00

SOLUTION: Village Services will purchase an in-kind replacement similar to the one illustrated pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 360

Title: Vehicle Transceiver Unit

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0050

Category: Equipment - Replacement

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\Vehicle transceiver unitWP.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050		$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 361

Title: Trailer (Rolls Rite- 25KP25HD-LP) #T408

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0052

Category: Equipment - Replacement

Organization Name: Distribution System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0052 T408 Rolls Rite Trailer.jpg

ISSUE: The Rolls Rite Trailer is expected to have reached its useful life after 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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
	40-04-044-0054							$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

Organization: 40-04-044-0052

Category: Equipment - Replacement

Organization Name: Distribution System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0052 ICS Hydraulic Saw.jpg

ISSUE: The Hydraulics Saw Package is anticipated to have reached its useful life after FY21.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

Organization: 40-04-044-0054

Category: Equipment - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0054 692 Ingersoll Compressor.jpg

ISSUE: The Ingersol Rand Air Compressor is expected to have reached its useful life after FY21.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

Organization: 40-04-044-0054

Category: Equipment - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0054 Hydromatic Pump.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 367

Title: 6" Dri-Prime Portable Pump & Trailer

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0056

Category: Equipment - Replacement

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.

\\Bloom03\CIP\Images\godwinpump.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 368

Title: Influent Odor Control Activated Carbon Drum Scrubber

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0056

Category: Equipment - Replacement

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.

\\Bloom03\CIP\Images\ActCarbUnit.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 369

Title: Post Aeration System - Submersible Aspirating Aerator

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0056

Category: Equipment - Replacement

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\aeratorposttank.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 370

Title: Biosolids Polymer/Chemical Mixing and Feed System

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0056

Category: Equipment - Replacement

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.

\\Bloom03\CIP\Images\Bioblender.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 373

Title: Digital Process Control Computers

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0056

Category: Equipment - Replacement

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.

\\Bloom03\CIP\Images\scada.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 374

Title: Biosolids Sludge Pump CDQ DAA (East)

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0056

Category: Equipment - Replacement

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\biosolidsludgepump.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 375

Title: Biosolids Sludge Pump CDQ DAA (West)

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0056

Category: Equipment - Replacement

Organization Name: Water Reclamation Facility

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\biosolidsludgepump.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0056							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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

Estimated Total Cost: $0

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

Department: Village Services

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.

\\Bloom03\CIP\Images\arrowboard2.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Village Services

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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0058							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Village Services

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.

\\Bloom03\CIP\Images\brakelathe.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0065							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Village Services

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**

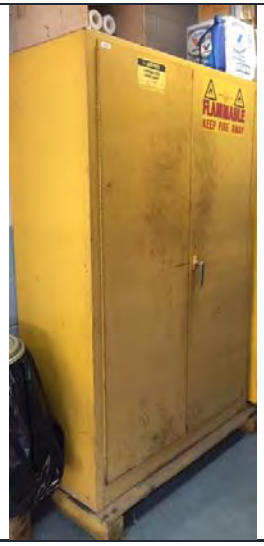
Description:

\\Bloom03\CIP\Images\flamecabinet.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0065							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Village Services

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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0063							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 397

Title: Lawn Mower #1224-000

Estimated Total Cost: $0

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

Department: Village Services

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:

\\Bloom03\CIP\Images\toroZmaster.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0063							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$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: Village Services

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:

\\Bloom03\CIP\Images\compressorblue.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
01-General Fund	01-04-043-0064							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
10-Capital Equipment Replacement Fund	10-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 426

Title: 2016 Ford Transit 150 Van, Vehicle #116

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0050

Category: Vehicle - Replacement

Organization Name: Source of Supply

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\2016 Ford Transit 150 Van.jpg

ISSUE: The 2016 Ford Transit Van, vehicle #116, is scheduled to be replaced as it has reached its useful life.

ANALYSIS: The vehicle is assigned to water customer service personnel that perform meter reads, meter service calls, turn-ons/turn-offs, high consumption calls and similar testing. Research into a suitable replacement to include features such as cargo storage capacity to accommodate materials and equipment, length of cargo storage area to accommodate valve keys and payload will be conducted. An extended warranty for the drivetrain and electrical system will also be purchased. "Aftermarket" equipment will be sourced separately and expected to include emergency lighting/radio, shelving and vehicle striping.

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

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 429

Title: Cardinal Water Tower Maintenance

Estimated Total Cost: $0

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

Department: Village Services

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 FY16. The condition of the exterior and interior will be assessed periodically with design and painting work done in FY26.

SOLUTION: Village Services 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.

\\Bloom03\CIP\Images\wpcard.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050		$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 430

Title: Gary Ave. Pump Station Water Ground Storage Tanks Maintenance

Estimated Total Cost: $0

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

Department: Village Services

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: Gary Ave. Pump Station Ground Storage Tanks inspection and maintenance.

ANALYSIS: Scheduled capital maintenance consists of painting the exterior of two (2), 1.3MG concrete ground storage tanks as well as interior concrete patching and sealing. Painting and patching provides corrosion protection extending the tank's useful life. Painting of the exterior of both ground storage tank's was last completed in FY14, and is estimated to extend the useful life of the tanks another 20 years. The next scheduled cleaning and inspection intended to identify future major maintenance is scheduled for FY16.

SOLUTION: Village Services staff will solicit qualification based proposals for inspection services and competitive bids for painting services. The scope of work would be based on the recommendation from inspection reports.

\\Bloom03\CIP\Images\Gary ave. ground storage tanks.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050		$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

Organization: 40-04-044-0052

Category: Equipment - Replacement

Organization Name: Distribution System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0052 UT104 Mac Lander Trailer.jpg

ISSUE: The Mac-Lander Trailer #UT104 is anticipated to have reached its useful life after FY21.

ANALYSIS: This trailer is assigned to water distribution maintenance 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 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	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0052							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 437

Title: Eastside Pump Station Roof Replacement

Estimated Total Cost: $0

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

Department: Village Services

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 roof at Eastside Pump Station is expected to be replaced as it will have reached its useful life expectancy.

ANALYSIS: Eastside Pump Station is one of four pump stations that supplies water to the Village's water distribution system, the pump station was constructed in 1992 and the existing roof is original to the building. Repairs have been made in the past several years to extend the life of roof, but upon inspections by Village staff and roofing professionals the roof will need a complete removal and replacement in FY22.

SOLUTION: Village Staff will solicit bids for removal and replacement of existing roof pursuant to applicable provisions of the Village Purchasing Code.

\\Bloom03\CIP\Images\Eastside pump station.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0050		$0	$0	$0	$0	$0	$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

Organization: 40-04-044-0054

Category: Equipment - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0054 704 MQ Generator.jpg

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: The Village Services Public Works /Utilities Division will procure a similar unit pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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

Estimated Total Cost: $0

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

Department: Village Services

Organization: 40-04-044-0054

Category: Equipment - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0054 Doosan Generator.jpg

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: The Village Services Public Works /Utilities Division will procure a similar unit pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$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: Village Services

Organization: 40-04-044-0054

Category: Equipment - Replacement

Organization Name: Sanitary Collection System

Complete: No ◉ Yes: ○

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

Description:

\\Bloom03\CIP\Images\0054 688 Gorman-rupp Pump.jpg

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: The Village Services Public Works /Utilities Division will procure a similar unit pursuant to applicable provisions of the Village Purchasing Code.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-04-044-0054							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
40-Water & Sewer Fund	40-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP by Department by Category

Department **Village Services**

Category **Vehicle - Replacement**

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
240	1998 International 1 1/2 ton Dump truck #297		$162,000	$0	$0	$0	$0	$162,000
305	2003 International 2 1/2 Ton Dump Vehicle #403		$158,000	$0	$0	$0	$0	$158,000
301	2003 Ford 3/4 Ton Pick-up Vehicle #103		$33,800	$0	$0	$0	$0	$33,800
306	2003 Ford 6-Wheeler Dump Vehicle #903		$0	$172,540	$0	$0	$0	$172,540
303	2002 Ford Dump Truck #302		$0	$86,570	$0	$0	$0	$86,570
302	1997 International 4700 Chipper Truck Vehicle #197		$0	$78,190	$0	$0	$0	$78,190
241	1991 Ford Pick-up Truck #491		$0	$60,065	$0	$0	$0	$60,065
308	2005 Ford 1 Ton Pick-up Vehicle #305		$0	$60,065	$0	$0	$0	$60,065
309	2005 Ford 1 Ton Pick-up Vehicle #505		$0	$60,065	$0	$0	$0	$60,065
298	2003 Ford 1-Ton Pick-up Vehicle #503		$0	$41,055	$0	$0	$0	$41,055
79	2000 GMC 3/4 Ton Pick-up Vehicle #200		$0	$38,660	$0	$0	$0	$38,660
300	2005 Chevrolet Colorado Vehicle #531		$0	$36,500	$0	$0	$0	$36,500
153	2005 International Dump Truck #304		$0	$0	$154,115	$0	$0	$154,115
310	2003 Ford F450 Dump Truck Vehicle #703		$0	$0	$86,575	$0	$0	$86,575
152	2005 Dump Truck #705		$0	$0	$86,570	$0	$0	$86,570
299	2003 Ford 3/4 Ton Pick-up Vehicle #303		$0	$0	$40,600	$0	$0	$40,600
304	2006 International 2 1/2 Ton Dump Vehicle #605		$0	$0	$0	$154,115	$0	$154,115
296	Ford F250 pick up Vehicle # 208		$0	$0	$0	$48,550	$0	$48,550
156	2008 Ford Expedition #308		$0	$0	$0	$44,505	$0	$44,505
155	2007 International Dump Truck #106		$0	$0	$0	$0	$154,115	$154,115
328	2007 International 7400 Dump Vehicle #206		$0	$0	$0	$0	$154,115	$154,115
331	2012 Ford 1 Ton Pick-up, Vehicle #612		$0	$0	$0	$0	$0	$0
329	2009 International 7400 Truck w/ Vactor 2112 #109		$0	$0	$0	$0	$0	$0
426	2016 Ford Transit 150 Van, Vehicle #116		$0	$0	$0	$0	$0	$0
332	2014 Dodge Tradesman Van, Vehicle #314		$0	$0	$0	$0	$0	$0
65	2004 Chevy Astro Van #104		$0	$0	$0	$0	$0	$0
80	2001 International 2 1/2 Ton Dump Vehicle #101		$0	$0	$0	$0	$0	$0
Total Vehicle - Replacement		**27**	**$353,800**	**$633,710**	**$367,860**	**$247,170**	**$308,230**	**$1,910,770**

Village of Bloomingdale

Listing of CIP by Department by Category

Department **Village Services**

Category **Equipment - Replacement**

Project #	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
81	1997 JCB Back-Hoe Unit #597	$130,000	$0	$0	$0	$0	$130,000
82	1995 Sauber 1599-GT Generator Unit #395	$60,000	$0	$0	$0	$0	$60,000
134	VH Electronic Monument Sign	$54,000	$0	$0	$0	$0	$54,000
393	Cold Planner	$17,000	$0	$0	$0	$0	$17,000
116	Automotive Diagnostic Scan Tool	$10,000	$0	$0	$0	$0	$10,000
457	Founders Park Electric Panel Replacement	$6,000	$0	$0	$0	$0	$6,000
291	Gary Avenue Station #8 replace 200HP pump with ne	$0	$80,000	$0	$0	$0	$80,000
450	Police Department Elevator Renovations	$0	$70,000	$0	$0	$0	$70,000
83	1995 Travel-L-Vac 80 Valve Box Cleaner Unit #295	$0	$61,400	$0	$0	$0	$61,400
313	1998 Vermeer Branch Chipper	$0	$54,000	$0	$0	$0	$54,000
113	VH Security System	$0	$46,000	$0	$0	$0	$46,000
120	Asphalt Paving Trailer	$0	$27,000	$0	$0	$0	$27,000
123	15,000 lb Capacity Automotive Lift	$0	$16,000	$0	$0	$0	$16,000
451	PD Sump Pump(s) Replacement	$0	$15,000	$0	$0	$0	$15,000
114	Sign Shop Equipment Vinyl Cutter & Software	$0	$14,000	$0	$0	$0	$14,000
121	Hydraulic Concrete Breaker - Skid Steer Attachment	$0	$10,000	$0	$0	$0	$10,000
111	10,000 lb Capacity Automotive Lift	$0	$9,000	$0	$0	$0	$9,000
122	Walk Behind Concrete Scarifier	$0	$9,000	$0	$0	$0	$9,000
115	Sign Machine 50-inch Roller Applicator	$0	$6,000	$0	$0	$0	$6,000
315	2005 John Deere 544 Endloader #JD544	$0	$0	$145,000	$0	$0	$145,000
312	2001 Ford New Holland Skidsteer Unit #180	$0	$0	$57,855	$0	$0	$57,855
126	Walk Behind Roller	$0	$0	$12,000	$0	$0	$12,000
125	Pressure Washer	$0	$0	$7,000	$0	$0	$7,000
124	Replace Stander Lawn mower	$0	$0	$6,000	$0	$0	$6,000
343	2005 6-Wheel Dump Truck Vehicle #105	$0	$0	$0	$172,540	$0	$172,540
441	MQ Generator DB138IJ Unit #501	$0	$0	$0	$0	$53,765	$53,765
358	Kubota 4WD Tractor #B2106	$0	$0	$0	$0	$33,680	$33,680
107	Replace Geo XH GPS Mapping System	$0	$0	$0	$0	$0	$0
112	19' Mobile Scissor Lift Replacement	$0	$0	$0	$0	$0	$0
198	4X4 Utility Vehicle	$0	$0	$0	$0	$0	$0
64	Distribution - New and Replacement Equipment	$0	$0	$0	$0	$0	$0
119	Self Propelled Asphalt Compactor	$0	$0	$0	$0	$0	$0
431	Mac-Lander Trailer #UT104	$0	$0	$0	$0	$0	$0
118	Asphalt Paver	$0	$0	$0	$0	$0	$0
354	Handheld Meter Readers (2)	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Village Services**							
Category	**Equipment - Replacement**							
339	2012 Truck F-350 Vehicle Replacement #312		$0	$0	$0	$0	$0	$0
442	MQ Generator 31089-USTB Unit #704		$0	$0	$0	$0	$0	$0
360	Vehicle Transceiver Unit		$0	$0	$0	$0	$0	$0
361	Trailer (Rolls Rite- 25KP25HD-LP) #T408		$0	$0	$0	$0	$0	$0
322	5,000 gallon Chemical Tank		$0	$0	$0	$0	$0	$0
321	Hydraulic Truck Mounted Material Spreader/Conveyor		$0	$0	$0	$0	$0	$0
370	Biosolids Polymer/Chemical Mixing and Feed System		$0	$0	$0	$0	$0	$0
362	Hydraulics Saw Package - ICS		$0	$0	$0	$0	$0	$0
373	Digital Process Control Computers		$0	$0	$0	$0	$0	$0
363	Ingersol Rand Air Compressor Unit #692		$0	$0	$0	$0	$0	$0
365	Hydromatic 15 HP Submersible Pump - S10065171		$0	$0	$0	$0	$0	$0
351	Fleet Analysis CFA Software		$0	$0	$0	$0	$0	$0
341	2012 Manlift Truck Vehicle #112		$0	$0	$0	$0	$0	$0
340	2014 F250 Truck Vehicle Replacement #114		$0	$0	$0	$0	$0	$0
368	Influent Odor Control Activated Carbon Drum Scrubbe		$0	$0	$0	$0	$0	$0
338	2012 F350 Truck Vehicle Replacement #412		$0	$0	$0	$0	$0	$0
367	6" Dri-Prime Portable Pump & Trailer		$0	$0	$0	$0	$0	$0
394	Spray Cabinet		$0	$0	$0	$0	$0	$0
316	2008 International Flat Bed #108		$0	$0	$0	$0	$0	$0
444	Gorman-Rupp 6" Pump Unit #688		$0	$0	$0	$0	$0	$0
356	Mini Excavator - CAT305		$0	$0	$0	$0	$0	$0
359	JULIE System Teleticket Pro System		$0	$0	$0	$0	$0	$0
398	Compressor		$0	$0	$0	$0	$0	$0
311	1993 Ford New Holland Skidsteer Unit #785		$0	$0	$0	$0	$0	$0
369	Post Aeration System - Submersible Aspirating Aerato		$0	$0	$0	$0	$0	$0
396	Treekeeper Software		$0	$0	$0	$0	$0	$0
392	Brake Lathe		$0	$0	$0	$0	$0	$0
443	Doosan Generator G125WCU-3Q-T4i		$0	$0	$0	$0	$0	$0
274	Tire Machine		$0	$0	$0	$0	$0	$0
391	Modular Workstation (2)		$0	$0	$0	$0	$0	$0
390	Mini Message Board		$0	$0	$0	$0	$0	$0
375	Biosolids Sludge Pump CDQ DAA (West)		$0	$0	$0	$0	$0	$0
374	Biosolids Sludge Pump CDQ DAA (East)		$0	$0	$0	$0	$0	$0
397	Lawn Mower #1224-000		$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Village Services**							
Category	**Equipment - Replacement**							
Total Equipment - Replacement		**69**	**$277,000**	**$417,400**	**$227,855**	**$172,540**	**$87,445**	**$1,182,240**
Category	**Equipment - New**							
140	SCADA Programmable Logic Controller Replacement		$70,000	$0	$0	$0	$0	$70,000
320	Utility Trailer		$15,000	$0	$0	$0	$0	$15,000
458	Transmission Fluid Exchange Machine		$7,000	$0	$0	$0	$0	$7,000
24	PW Facility Security System		$0	$60,000	$0	$0	$0	$60,000
135	PW Facility Security Automated Access Gate		$0	$30,000	$0	$0	$0	$30,000
26	GPS Units for PW Vehicles		$0	$21,000	$0	$0	$0	$21,000
259	GPS Units for WS Utility Vehicles		$0	$12,000	$0	$0	$0	$12,000
404	Televising Equipment - Push Camera		$0	$12,000	$0	$0	$0	$12,000
16	NPDES Phase 2 - Chloride Reduction Road Deicing		$0	$0	$40,000	$0	$0	$40,000
405	Pavement Saw - Walk Behind		$0	$0	$30,000	$0	$0	$30,000
325	Street Light Installation End of Fairfield Court		$0	$0	$0	$0	$0	$0
138	Solar Powered LED Speed Advisory System		$0	$0	$0	$0	$0	$0
323	Paint/Stain Sprayer		$0	$0	$0	$0	$0	$0
Total Equipment - New		**13**	**$92,000**	**$135,000**	**$70,000**	**$0**	**$0**	**$297,000**
Category	**Road Program**							
144	Village-wide Street Improvement Program		$783,780	$1,530,000	$3,141,000	$1,053,000	$2,632,000	$9,139,780
Total Road Program		**1**	**$783,780**	**$1,530,000**	**$3,141,000**	**$1,053,000**	**$2,632,000**	**$9,139,780**
Category	**IT**							
108	Replace HP Design 4500 Plotter		$11,000	$0	$0	$0	$0	$11,000
110	Replace Color Scanner		$0	$16,270	$0	$0	$0	$16,270
Total IT		**2**	**$11,000**	**$16,270**	**$0**	**$0**	**$0**	**$27,270**

Village of Bloomingdale

Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Village Services**							
Category	**Underground OH Utilities**							
43	OH-Old Gary Road - CNRR to N of Army Trail Road		$0	$0	$0	$0	$0	$0
35	OH-Medinah Road - Byron to Lake		$0	$0	$0	$0	$0	$0
27	OH-Glen Ellyn Road - Ironwood to Carriage Way		$0	$0	$0	$0	$0	$0
28	OH-Glen Ellyn Road - Carriage Way to Harvard		$0	$0	$0	$0	$0	$0
29	OH-Bloomingdale Road - Greenway to Fairfield Way		$0	$0	$0	$0	$0	$0
30	OH-Bloomingdale Road - Fessler to Picton		$0	$0	$0	$0	$0	$0
32	OH-Gary Avenue - Lawrence to Foster		$0	$0	$0	$0	$0	$0
33	OH-Gary Avenue - 700' South of Foster to Foster		$0	$0	$0	$0	$0	$0
39	OH-Lawrence Avenue - Garden to Springfield		$0	$0	$0	$0	$0	$0
34	OH-Gary Avenue - Lawrence to Meijer N Property Lin		$0	$0	$0	$0	$0	$0
42	OH-North Circle Avenue - Lake to Sunset		$0	$0	$0	$0	$0	$0
36	OH-Medinah Road - Lake to Spring Valley		$0	$0	$0	$0	$0	$0
37	OH-Lawrence Avenue - Gary to Thorn		$0	$0	$0	$0	$0	$0
38	OH-Lawrence Avenue - Wheaton to Springfield		$0	$0	$0	$0	$0	$0
40	OH-Broker Road - Circle to St Francis		$0	$0	$0	$0	$0	$0
41	OH-Thorn Road - Corporate Limits to Lawrence		$0	$0	$0	$0	$0	$0
Total	**Underground OH Utilities**	**16**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Village of Bloomingdale

Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Village Services**							
Category	**Recreational Path**							
162	RP-East Branch Trail - Carriage Way to Army Trail		$104,000	$0	$0	$0	$0	$104,000
171	RP-Springfield Drive - Lawrence to Lake Street		$19,420	$0	$0	$0	$0	$19,420
161	RP-Fairfield Way		$0	$0	$0	$0	$0	$0
167	RP-Schick Road - Los Lagos to Springfield		$0	$0	$0	$0	$0	$0
159	RP-Army Trail Road - Cardinal to Meadowlark		$0	$0	$0	$0	$0	$0
174	RP-Schick Road - Los Lagos		$0	$0	$0	$0	$0	$0
173	RP-Gary Avenue - IC RR To Scott		$0	$0	$0	$0	$0	$0
175	RP-Springfield Drive - Mall Entrance to Army Trail Ro		$0	$0	$0	$0	$0	$0
169	RP-DuJardin to Park District		$0	$0	$0	$0	$0	$0
172	RP-Lake Street - William Way to Springfield		$0	$0	$0	$0	$0	$0
166	RP-Schick Road - Cardinal to Los Lagos		$0	$0	$0	$0	$0	$0
158	RP-Lake Street Reservoir - Meacham Grove Trail		$0	$0	$0	$0	$0	$0
165	RP-Schick Road - Bloomingdale to Cardinal		$0	$0	$0	$0	$0	$0
164	RP-Carriage Way - Glen Ellyn to Medinah Grove		$0	$0	$0	$0	$0	$0
160	RP-Clearbrook Drive		$0	$0	$0	$0	$0	$0
Total	**Recreational Path**	**15**	**$123,420**	**$0**	**$0**	**$0**	**$0**	**$123,420**
Category	**Other**							
182	Old Town Area - Street Improvements		$1,401,220	$0	$0	$0	$0	$1,401,220
234	Replace Traffic Signal Poles - Lake Street		$830,000	$0	$0	$0	$0	$830,000
229	VH Exterior South Retaining Wall		$30,000	$0	$0	$0	$0	$30,000
418	Renovation of Finance/Admin Office Space & Annex		$20,000	$384,000	$0	$0	$0	$404,000
262	Covington Corporate Center Sidewalk Project		$0	$192,000	$0	$0	$0	$192,000
415	Public Works Garage Floor Resurface- Vehicle Maint		$0	$115,000	$0	$0	$0	$115,000
226	Sealcoat VH, PW & GC Driveways and Parking Lots		$0	$59,000	$0	$0	$0	$59,000
449	Public Work Facility Gate Replacement		$0	$20,000	$0	$0	$0	$20,000
282	New Salt Storage		$0	$0	$345,000	$0	$0	$345,000
180	Street Light Enhancement Program		$0	$0	$0	$0	$0	$0
179	Village-wide Sidewalk Linkages		$0	$0	$0	$0	$0	$0
Total	**Other**	**11**	**$2,281,220**	**$770,000**	**$345,000**	**$0**	**$0**	**$3,396,220**

Village of Bloomingdale

Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Village Services**							
Category	**Water - Source of Supply**							
402	Eastside ground storage tank maintenance		$0	$30,000	$0	$0	$0	$30,000
1	Winston Water Tower Maintenance		$0	$20,000	$350,000	$0	$0	$370,000
4	Source - New & Replacement Equipment		$0	$13,200	$13,200	$13,200	$13,200	$52,800
260	Replace Meter Transceiver Units (MXU's)		$0	$0	$80,000	$80,000	$80,000	$240,000
3	Water Storage		$0	$0	$0	$0	$0	$0
430	Gary Ave. Pump Station Water Ground Storage Tank		$0	$0	$0	$0	$0	$0
429	Cardinal Water Tower Maintenance		$0	$0	$0	$0	$0	$0
437	Eastside Pump Station Roof Replacement		$0	$0	$0	$0	$0	$0
Total Water - Source of Supply		**8**	**$0**	**$63,200**	**$443,200**	**$93,200**	**$93,200**	**$692,800**
Category	**Water - Distribution System**							
238	Fire Hydrant Replacement Program		$45,000	$100,000	$100,000	$100,000	$100,000	$445,000
237	Main Line Water Valve Replacement Program		$45,000	$45,000	$45,000	$45,000	$45,000	$225,000
63	Water Main Major Maintenance Improvements		$0	$260,000	$451,300	$451,300	$451,300	$1,613,900
62	MPI - Dee Ct - Morningside (Loop)		$0	$99,000	$0	$0	$0	$99,000
56	MPI - Bloomingdale Rd (Loop)		$0	$52,000	$0	$0	$0	$52,000
57	MPI - Schick, Cardinal, Villa (Loop)		$0	$23,000	$0	$0	$0	$23,000
5	MPI - Glenwood between Gary Ave & Schick Rd		$0	$0	$450,000	$480,000	$480,000	$1,410,000
53	MPI - Lake and Fairfield		$0	$0	$40,000	$0	$0	$40,000
52	MPI - East Army Trail Rd (loop)		$0	$0	$0	$0	$0	$0
55	MPI - Medinah Rd (Loop)		$0	$0	$0	$0	$0	$0
60	MPI - N Bloomingdale Rd (Loop)		$0	$0	$0	$0	$0	$0
61	MPI - Brighton Dr (Loop)		$0	$0	$0	$0	$0	$0
239	Fire Hydrant Painting Program		$0	$0	$0	$0	$0	$0
54	MPI - Cavalry Drive Area		$0	$0	$0	$0	$0	$0
Total Water - Distribution System		**14**	**$90,000**	**$579,000**	**$1,086,300**	**$1,076,300**	**$1,076,300**	**$3,907,900**

Village of Bloomingdale

Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Village Services**							
Category	**Sewer - Sanitary Collection System**							
67	Bloomingdale Rd Lift Station		$65,000	$0	$0	$0	$0	$65,000
285	Sanitary Sewer Wye & Manhole Sealing		$40,000	$40,000	$40,000	$40,000	$40,000	$200,000
349	Sanitary Wye Replacement & Point Repair Program		$30,000	$30,000	$30,000	$30,000	$30,000	$150,000
72	Sanitary Sewer Main Improvements		$0	$373,800	$373,800	$373,800	$373,800	$1,495,200
68	North Circle Ave Lift Station		$0	$80,000	$0	$0	$0	$80,000
70	Eastgate Lift Station		$0	$25,000	$0	$0	$0	$25,000
73	Sewer - New & Replacement Equipment		$0	$23,400	$23,400	$23,400	$23,400	$93,600
71	Springfield Dr Lift Station		$0	$0	$25,000	$0	$0	$25,000
69	Lawrence Ave Lift Station		$0	$0	$0	$25,000	$0	$25,000
66	East Army Trail Rd Redevelopment Area		$0	$0	$0	$0	$0	$0
Total	**Sewer - Sanitary Collection System**	**10**	**$135,000**	**$572,200**	**$492,200**	**$492,200**	**$467,200**	**$2,158,800**
Category	**Sewer - Water Reclamation Facility**							
186	Additional Alternative Back-up Electrical Power Sourc		$225,000	$0	$0	$0	$0	$225,000
293	Grit Removal		$65,000	$0	$120,000	$0	$0	$185,000
348	(DRSCW) Water Quality Improvement Assessment		$22,115	$35,130	$36,185	$58,830	$56,935	$209,195
77	WRF - New & Replacement Equipment		$0	$12,600	$12,600	$12,600	$12,600	$50,400
190	Valve Actuators Controller Upgrades		$0	$10,000	$8,000	$0	$10,000	$28,000
150	Chemical Vacuum Induction Pump		$0	$6,200	$0	$0	$0	$6,200
74	WRF - FPA Improvements Phase 2B		$0	$0	$560,000	$6,880,000	$0	$7,440,000
193	SCADA for Filter Process		$0	$0	$130,000	$0	$0	$130,000
192	Main Control Building "C" Roof		$0	$0	$20,000	$0	$0	$20,000
197	Replace Laboratory Incubator		$0	$0	$6,000	$0	$0	$6,000
189	Skylights		$0	$0	$0	$15,000	$0	$15,000
76	WRF - FPA Improvements - Phase 3		$0	$0	$0	$0	$0	$0
75	WRF - FPA Improvements - Phase 4		$0	$0	$0	$0	$0	$0
191	SCADA		$0	$0	$0	$0	$0	$0
294	Chlorination System Upgrade		$0	$0	$0	$0	$0	$0
Total	**Sewer - Water Reclamation Facility**	**15**	**$312,115**	**$63,930**	**$892,785**	**$6,966,430**	**$79,535**	**$8,314,795**

Village of Bloomingdale

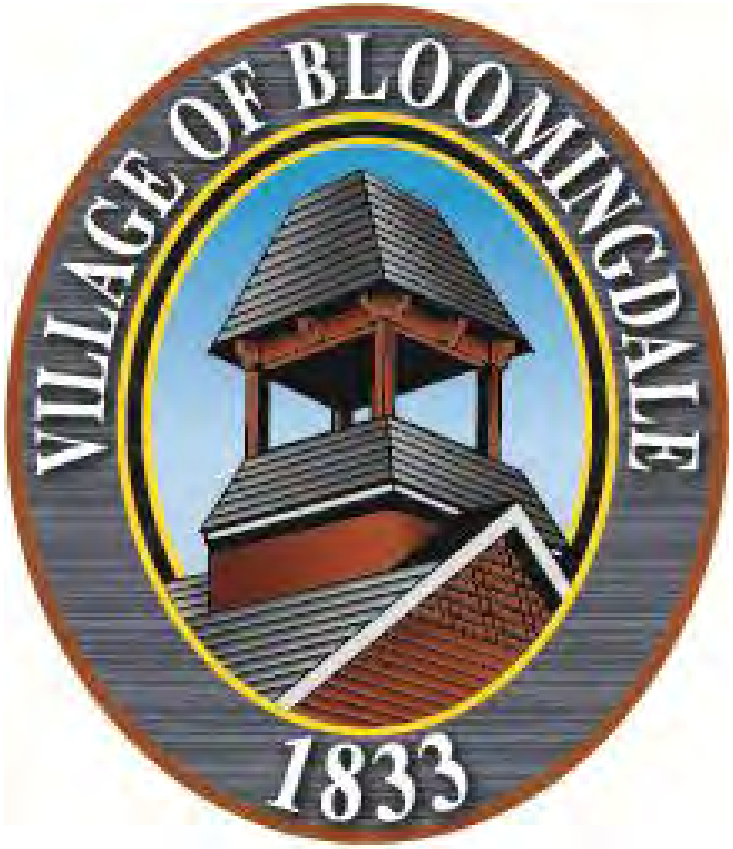
Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Village Services**							
Category	**Stormwater Collection/Drainage**							
271	Indian Lakes Open Space Area Development Progra		$0	$4,200,000	$0	$0	$0	$4,200,000
18	Village Drainage Improvements		$0	$20,000	$20,000	$20,000	$20,000	$80,000
20	Local Drainage Improvements		$0	$12,000	$14,000	$14,000	$14,000	$54,000
17	NPDES Phase 2 - Salt Storage Door		$0	$0	$7,000	$0	$0	$7,000
265	Clearbrook Drive - Drainage Ditch Enclosure		$0	$0	$0	$0	$0	$0
268	Willowbrook Drive Culvert Replacement		$0	$0	$0	$0	$0	$0
13	Springbrook Erosion Control		$0	$0	$0	$0	$0	$0
15	Lake Illini Retention Pond Sediment Removal		$0	$0	$0	$0	$0	$0
Total	**Stormwater Collection/Drainage**	**8**	**$0**	**$4,232,000**	**$41,000**	**$34,000**	**$34,000**	**$4,341,000**
Total	**Village Services**	**209**	**$4,459,335**	**$9,012,710**	**$7,107,200**	**$10,134,840**	**$4,777,910**	**$35,491,995**

VILLAGE OF BLOOMINGDALE

1833

GOLF COURSE



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Village of Bloomingdale

Listing of CIP Projects and Sources by Department

Department **Golf Course**

#		Project - Title	# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
1	346	Toro Mower		$35,000	$0	$0	$0	$0	$35,000
2	217	Various Course Improvements		$25,000	$25,000	$25,000	$25,000	$25,000	$125,000
3	219	Chemical Recycling System		$20,000	$0	$0	$0	$0	$20,000
4	222	Bunker & Pond Improvements hole #14		$15,000	$0	$0	$0	$0	$15,000
5	436	Practice Range Equipment		$9,000	$0	$0	$0	$0	$9,000
6	263	Various, Miscellaneous, As-Needed GC Projects		$7,500	$7,500	$7,500	$7,500	$7,500	$37,500
7	216	Veranda and Grill Room Furniture		$0	$20,000	$0	$0	$0	$20,000
8	345	Greensair Lawnmower		$0	$8,000	$0	$0	$0	$8,000
9	207	Fieldworks Topdresser		$0	$7,000	$0	$0	$0	$7,000
10	327	Sandtrap Rake Utility Vehicle		$0	$0	$21,055	$0	$0	$21,055
11	214	GPS Irrigation System Computer		$0	$0	$8,855	$0	$0	$8,855
12	218	2007 Ford F-250 Pick-up Truck		$0	$0	$0	$24,345	$0	$24,345
13	213	Multi-Pro Turf Sprayer		$0	$0	$0	$0	$23,805	$23,805
14	202	Ford Tractor		$0	$0	$0	$0	$0	$0
15	203	Bern Dualspin Grinder		$0	$0	$0	$0	$0	$0
16	204	Bern Bedknife Grinder		$0	$0	$0	$0	$0	$0
17	209	New Holland Skid Steer Loader		$0	$0	$0	$0	$0	$0
18	211	Pond Aerator		$0	$0	$0	$0	$0	$0
19	242	New Holland Front End Loaders with implement		$0	$0	$0	$0	$0	$0
20	245	JD Fairway Mower - two (2)		$0	$0	$0	$0	$0	$0
21	246	Lake Street Monument Identification Sign		$0	$0	$0	$0	$0	$0
22	251	JD Hybrid Diesel Mower - two (2)		$0	$0	$0	$0	$0	$0
23	256	JD Turf Gator Utility Carts - four (4)		$0	$0	$0	$0	$0	$0
24	330	Ryan Aerator		$0	$0	$0	$0	$0	$0
25	335	JD Turf Gator Utility Carts - three (3)		$0	$0	$0	$0	$0	$0
26	337	JD Gator Utility Cart		$0	$0	$0	$0	$0	$0
27	342	Cushman Utility Cart		$0	$0	$0	$0	$0	$0
28	347	Jacobsen Turfcat Mower with 72" Deck		$0	$0	$0	$0	$0	$0
		Total Projects	**28**	**$111,500**	**$67,500**	**$62,410**	**$56,845**	**$56,305**	**$354,560**

Sources - Funding Source							
45-Golf Course Fund		$111,500	$67,500	$62,410	$56,845	$56,305	$354,560
Total Sources - Funding Source	**1**	**$111,500**	**$67,500**	**$62,410**	**$56,845**	**$56,305**	**$354,560**

Village of Bloomingdale
CIP Project Description

Project #: 346

Title: Toro Mower

Estimated Total Cost: $35,000

(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:

\\Bloom03\CIP\Images\NoImage.jpg

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. In FY17, an intermediate mower is anticipated to be replaced.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000		$35,000					$35,000
								$0
								$0
								$0
								$0
TOTAL		$0	$35,000	$0	$0	$0	$0	$35,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000		$35,000					$35,000
								$0
								$0
								$0
								$0
TOTAL		$0	$35,000	$0	$0	$0	$0	$35,000

Village of Bloomingdale
CIP Project Description

Project #: 217

Title: Various Course Improvements

Estimated Total Cost: $125,000

(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:

\\Bloom03\CIP\Images\golfclubsign.jpg

ISSUE: The enhancement of various sections of the golf course are critical to the continued viability of the golf course operations.

ANALYSIS: The Village desires to add holiday lighting to the Lake Street identification sign. In do this, the electrical circuit at the pump house needs to be upgraded, conduit needs to be buried and electrical cable run or pulled to the sign. The improvements would include obtaining the best available pricing from vendors and or suppliers.

SOLUTION: Provides funding to provide holiday lighting to the Lake Street identification sign.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000		$25,000	$25,000	$25,000	$25,000	$25,000	**$125,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$25,000**	**$25,000**	**$25,000**	**$25,000**	**$25,000**	**$125,000**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000		$25,000	$25,000	$25,000	$25,000	$25,000	**$125,000**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$25,000**	**$25,000**	**$25,000**	**$25,000**	**$25,000**	**$125,000**

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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000		$20,000					$20,000
								$0
								$0
								$0
								$0
TOTAL		$0	$20,000	$0	$0	$0	$0	$20,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000		$20,000					$20,000
								$0
								$0
								$0
								$0
TOTAL		$0	$20,000	$0	$0	$0	$0	$20,000

Village of Bloomingdale
CIP Project Description

Project #: 222

Title: Bunker & Pond Improvements hole #14

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:

\\Bloom03\CIP\Images\NoImage.jpg

ISSUE: Bunker and pond improvements to course hole number 14 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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000		$15,000					$15,000
								$0
								$0
								$0
								$0
TOTAL		$0	$15,000	$0	$0	$0	$0	$15,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000		$15,000					$15,000
								$0
								$0
								$0
								$0
TOTAL		$0	$15,000	$0	$0	$0	$0	$15,000

Village of Bloomingdale
CIP Project Description

Project #: 436

Title: Practice Range Equipment

Estimated Total Cost: $18,000

(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:

\\Bloom03\CIP\Images\NoImage.jpg

ISSUE: The golf course's practice range equipment are anticipated to reach the end of their useful life.

ANALYSIS: The golf course will look to replace such practice range items such as golf ball picker, dispenser and cleaner. 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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000	$9,000	$9,000					$18,000
								$0
								$0
								$0
								$0
TOTAL		$9,000	$9,000	$0	$0	$0	$0	$18,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000	$9,000	$9,000					$18,000
								$0
								$0
								$0
								$0
TOTAL		$9,000	$9,000	$0	$0	$0	$0	$18,000

Village of Bloomingdale
CIP Project Description

Project #: 263

Title: Various, Miscellaneous, As-Needed GC Projects

Estimated Total Cost: $37,500

(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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000		$7,500	$7,500	$7,500	$7,500	$7,500	**$37,500**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$7,500**	**$7,500**	**$7,500**	**$7,500**	**$7,500**	**$37,500**

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000		$7,500	$7,500	$7,500	$7,500	$7,500	**$37,500**
								$0
								$0
								$0
								$0
TOTAL		**$0**	**$7,500**	**$7,500**	**$7,500**	**$7,500**	**$7,500**	**$37,500**

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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000			$20,000				$20,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$20,000	$0	$0	$0	$20,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000			$20,000				$20,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$20,000	$0	$0	$0	$20,000

Village of Bloomingdale
CIP Project Description

Project #: 345

Title: Greensair Lawnmower

Estimated Total Cost: $8,000

(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:

\\Bloom03\CIP\Images\NoImage.jpg

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.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000			$8,000				$8,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$8,000	$0	$0	$0	$8,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000			$8,000				$8,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$8,000	$0	$0	$0	$8,000

Village of Bloomingdale
CIP Project Description

Project #: 207

Title: Fieldworks Topdresser

Estimated Total Cost: $7,000

(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:

\\Bloom03\CIP\Images\NoImage.jpg

ISSUE: The turf topdresser, purchased in FY98, is anticipated to reach its useful life at some point beyond FY21.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000			$7,000				$7,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$7,000	$0	$0	$0	$7,000

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000			$7,000				$7,000
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$7,000	$0	$0	$0	$7,000

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:

\\Bloom03\CIP\Images\Sandtrap Rake.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000				$21,055			$21,055
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$21,055	$0	$0	$21,055

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000				$21,055			$21,055
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$21,055	$0	$0	$21,055

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:

\\Bloom03\CIP\Images\NoImage.jpg

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000				$8,855			$8,855
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$8,855	$0	$0	$8,855

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000				$8,855			$8,855
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$8,855	$0	$0	$8,855

Village of Bloomingdale
CIP Project Description

Project #: 218

Title: 2007 Ford F-250 Pick-up Truck

Estimated Total Cost: $24,345

(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.

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.

\\Bloom03\CIP\Images\2007 Ford F-250_Golf.jpg

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000					$24,345		$24,345
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$24,345	$0	$24,345

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000					$24,345		$24,345
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$24,345	$0	$24,345

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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000						$23,805	$23,805
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$23,805	$23,805

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000						$23,805	$23,805
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$23,805	$23,805

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:

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ISSUE: The Golf Course tractor (asset # 666-00) was acquired in 1997. It is anticipated to reach its useful life at some point beyond FY21.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 203

Title: Bern 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:

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ISSUE: The Golf Course dualspin grinder (asset # 752-000) was acquired in 1997. it is anticipated to reach its useful life some point beyond FY21.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 204

Title: Bern 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:

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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 FY21.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$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:

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ISSUE: The skid steer loader, purchased in FY99, is anticipated to reach its useful life at some point beyond FY21.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$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:

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ISSUE: The Golf Course aerator will reach its useful life at some point beyond FY21.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$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:

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ISSUE: The front end loader, purchased in FY05, is anticipated to reach the end of their useful life at some point beyond FY21.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 245

Title: JD Fairway Mower - two (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:

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ISSUE: The Golf Course fairway mowers, purchased in FY07, are anticipated to have reached their useful life.

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 mowers will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$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:

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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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 251

Title: JD Hybrid Diesel Mower - two (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:

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ISSUE: The two Golf Course hybrid diesel mowers, purchased in FY09, are anticipated to have reached their useful life at some point beyond FY21.

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 the new mower(s) will eliminate costly future maintenance expenses due to the age of the existing equipment.

EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$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:

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ISSUE: The Golf Course utility carts, purchased in FY08, are anticipated to have reached their useful life sometime after FY21.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$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 FY21.

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.

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EXPENSE LOCATION	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$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:

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ISSUE: The Golf Course utility carts, purchased in FY09, are anticipated to have reached their useful life sometime after FY21.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$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:

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ISSUE: The Golf Course utility cart, purchased in FY12, is anticipated to reach its useful life in FY22.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$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:

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ISSUE: The Golf Course utility cart, purchased in FY97, is anticipated to have reached 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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale
CIP Project Description

Project #: 347

Title: Jacobsen Turfcat Mower with 72" Deck

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:

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ISSUE: The Golf Course has various lawnmowers acquired at various times throughout the Village's ownership of the golf course and have a finite useful life.

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	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-05-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

FUNDING SOURCE	ORG #	PRIOR YRS	FY17	FY18	FY19	FY20	FY21	TOTAL
45-Golf Course Fund	45-00-000-0000							$0
								$0
								$0
								$0
								$0
TOTAL		$0	$0	$0	$0	$0	$0	$0

Village of Bloomingdale

Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Golf Course**							
Category	**Vehicle - Replacement**							
218	2007 Ford F-250 Pick-up Truck		$0	$0	$0	$24,345	$0	$24,345
Total Vehicle - Replacement		**1**	**$0**	**$0**	**$0**	**$24,345**	**$0**	**$24,345**
Category	**Equipment - Replacement**							
346	Toro Mower		$35,000	$0	$0	$0	$0	$35,000
436	Practice Range Equipment		$9,000	$0	$0	$0	$0	$9,000
216	Veranda and Grill Room Furniture		$0	$20,000	$0	$0	$0	$20,000
345	Greensair Lawnmower		$0	$8,000	$0	$0	$0	$8,000
207	Fieldworks Topdresser		$0	$7,000	$0	$0	$0	$7,000
327	Sandtrap Rake Utility Vehicle		$0	$0	$21,055	$0	$0	$21,055
214	GPS Irrigation System Computer		$0	$0	$8,855	$0	$0	$8,855
213	Multi-Pro Turf Sprayer		$0	$0	$0	$0	$23,805	$23,805
251	JD Hybrid Diesel Mower - two (2)		$0	$0	$0	$0	$0	$0
246	Lake Street Monument Identification Sign		$0	$0	$0	$0	$0	$0
245	JD Fairway Mower - two (2)		$0	$0	$0	$0	$0	$0
242	New Holland Front End Loaders with implement		$0	$0	$0	$0	$0	$0
202	Ford Tractor		$0	$0	$0	$0	$0	$0
256	JD Turf Gator Utility Carts - four (4)		$0	$0	$0	$0	$0	$0
211	Pond Aerator		$0	$0	$0	$0	$0	$0
209	New Holland Skid Steer Loader		$0	$0	$0	$0	$0	$0
347	Jacobsen Turfcat Mower with 72" Deck		$0	$0	$0	$0	$0	$0
203	Bern Dualspin Grinder		$0	$0	$0	$0	$0	$0
330	Ryan Aerator		$0	$0	$0	$0	$0	$0
335	JD Turf Gator Utility Carts - three (3)		$0	$0	$0	$0	$0	$0
337	JD Gator Utility Cart		$0	$0	$0	$0	$0	$0
342	Cushman Utility Cart		$0	$0	$0	$0	$0	$0
204	Bern Bedknife Grinder		$0	$0	$0	$0	$0	$0
Total Equipment - Replacement		**23**	**$44,000**	**$35,000**	**$29,910**	**$0**	**$23,805**	**$132,715**

Village of Bloomingdale

Listing of CIP by Department by Category

Project #		# of Projects	FY17 Budget	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	Total
Department	**Golf Course**							
Category	**Equipment - New**							
219	Chemical Recycling System		$20,000	$0	$0	$0	$0	$20,000
Total Equipment - New		**1**	**$20,000**	**$0**	**$0**	**$0**	**$0**	**$20,000**
Category	**Golf Course**							
217	Various Course Improvements		$25,000	$25,000	$25,000	$25,000	$25,000	$125,000
222	Bunker & Pond Improvements hole #14		$15,000	$0	$0	$0	$0	$15,000
263	Various, Miscellaneous, As-Needed GC Projects		$7,500	$7,500	$7,500	$7,500	$7,500	$37,500
Total Golf Course		**3**	**$47,500**	**$32,500**	**$32,500**	**$32,500**	**$32,500**	**$177,500**
Total Golf Course		**28**	**$111,500**	**$67,500**	**$62,410**	**$56,845**	**$56,305**	**$354,560**

VILLAGE OF BLOOMINGDALE

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