

COMMUNITY INVESTMENT PLAN



2020-2039



**VILLAGE OF LAKE ZURICH
COMMUNITY INVESTMENT PLAN
2020 - 2039
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GENERAL FUND													
<i>BUILDING IMPROVEMENTS</i>													
17	1001	Building Access System - Police	Police	2	-	-	-	-	-	-	35,000	-	35,000
18	1002	Exterior Painting - Fire Station 1	Fire	3	-	-	-	-	-	35,000	-	40,000	75,000
19	1003	Floor Repairs - Fire Apparatus	Fire	3	-	-	-	-	-	35,000	-	-	35,000
20	1004	Floor Repairs - Fleet Services	Public Works	3	-	20,000	-	-	-	-	-	20,000	40,000
21	1005	Floor Repairs - Vehicle Storage	Public Works	3	-	-	65,000	-	-	-	-	65,000	130,000
22	1006	Floor Replacement - CD Admin	Comm. Dev.	3	-	-	-	-	-	-	-	20,000	20,000
23	1108	Floor Replacement - Fire Station 1	Fire	3	-	30,000	-	-	-	-	-	-	30,000
24	1007	Floor Replacement - Police	Police	3	-	-	-	-	-	-	-	20,000	20,000
25	1008	Floor Sealant - Police Garage	Police	3	-	-	-	-	40,000	-	-	-	40,000
26	1018	Generator - Fire Station 1	Fire	2	-	-	-	-	-	-	-	75,000	75,000
27	1009	Hot Water Heater Replace - Police	Police	2	-	-	-	-	-	-	-	20,000	20,000
28	1010	HVAC Replacements - Police	Police	2	-	30,000	-	35,000	-	70,000	-	-	135,000
29	1125	HVAC Replacement - Police Data Center	Police	2	60,000	-	-	-	-	-	-	65,000	125,000
30	1109	HVAC Replacement - Fire Station 1	Fire	2	4,500	-	-	-	10,500	-	4,500	23,000	42,500
31	1110	Kitchen Remodel - Fire Station 1	Fire	3	-	10,000	-	50,000	-	-	-	-	60,000
32	1111	Locker Room Remodel - Fire Station 1	Fire	3	-	10,000	100,000	-	-	-	-	-	110,000
33	1011	Roof Replacements - Police	Police	2	-	-	-	-	-	100,000	-	-	100,000
34	1112	Stair Replacement - Police	Police	3	-	-	-	-	-	50,000	-	-	50,000
35	1113	Vehicle Exhaust System Upgrade	Fire	2	24,000	-	-	-	-	-	100,000	-	124,000
36	1012	Window Replacement - Fire Station 1	Fire	3	-	-	-	-	-	-	-	50,000	50,000
<i>EQUIPMENT</i>													
37	1114	Ambulance Power Load Cot System	Fire	2	-	23,340	-	24,760	-	83,770	-	35,000	166,870
38	1013	Automatic External Defibrillators	Fire	2	-	-	-	-	-	71,620	90,730	-	162,350
39	1014	Bobcat Skid Loader S300	Public Works	2	-	-	-	-	-	60,000	-	-	60,000
40	1023	Bobcat Skid Loader S770	Public Works	2	-	-	-	-	-	-	-	75,000	75,000
41	1015	Chipper	Public Works	3	-	60,000	-	-	-	-	-	-	60,000
42	1016	Community Room Equipment	Police	2	20,000	-	-	-	-	-	-	25,000	45,000
43	1017	Dispatch Console Replacement	Police	2	-	-	750,000	-	-	-	-	-	750,000
44	1115	Extrication Equipment	Fire	2	-	-	-	31,500	-	-	35,000	-	66,500
45	1116	Fuel Island Replacement	Multiple	3	-	-	-	-	-	150,000	-	-	150,000
46	1020	Life Pak Monitor/Defibrillator	Fire	1	-	29,700	30,600	31,510	32,460	72,070	163,420	147,340	507,100
47	1021	Loader	Public Works	2	-	-	195,000	-	-	-	-	-	195,000
48	1117	Mobile Truck Lift	Public Works	2	-	-	-	-	-	40,000	44,000	-	84,000
49	1022	Self-Contained Breathing Apparatus	Fire	1	-	341,900	-	-	-	-	-	400,000	741,900
50	1118	SCBA Compressor/Fill Station	Fire	1	-	65,000	-	-	-	-	-	85,000	150,000
51	1024	Starcom Portable Radios - Fire	Fire	2	-	-	-	173,000	-	188,000	180,000	195,000	736,000
52	1025	Starcom Portable Radios - Police	Police	2	-	-	-	125,000	25,000	-	165,000	170,000	485,000
53	1026	Station Alerting System	Fire	2	-	-	-	-	-	-	-	60,000	60,000
54	1119	Televising Camera - Stormwater	Public Works	3	105,000	-	-	-	-	105,000	-	-	210,000
55	1027	Track Loader	Public Works	2	-	-	-	-	-	-	-	70,000	70,000
56	1120	Track Loader New	Public Works	3	50,000	-	-	-	-	-	-	-	50,000
57	1121	Warning Siren Replacements (6)	Fire	2	-	-	-	-	-	92,000	23,000	23,000	138,000

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GENERAL FUND - Continued													
<i>INFRASTRUCTURE</i>													
58	1030	Promenade Outfall Reconstruction	Public Works	1	17,500	175,000	-	-	-	-	-	-	192,500
59	1028	Storm Sewer Lining - Pine Tree Row	Public Works	2	-	700,000	-	-	-	-	-	-	700,000
<i>LAND IMPROVEMENTS</i>													
60	1122	Basketball Court Resurfacing	Parks	3	-	-	-	62,500	-	-	-	62,500	125,000
61	1033	Parking Lot Replacements	Public Works	2	460,000	335,000	476,000	130,000	45,000	320,000	700,000	1,700,000	4,166,000
62	1034	Playground Renovations	Parks	3	50,000	50,000	50,000	50,000	50,000	250,000	250,000	450,000	1,200,000
63	1035	Shoreline Stabilize - Paulus Park	Public Works	3	-	160,000	110,000	-	-	-	-	-	270,000
64	1036	Sprayground Resurfacing	Parks	3	-	-	-	-	-	300,000	-	-	300,000
65	1037	Stream Bank Stabilize -Buffalo Creek	Public Works	3	-	-	20,000	365,000	437,000	670,000	-	-	1,492,000
66	1038	Stream Bank Stabilize - Flint Creek	Public Works	2	490,000	-	-	-	-	-	-	-	490,000
67	1039	Tennis Court Resurfacing - Sonoma/Staple	Parks	2	42,000	-	-	-	-	72,000	-	72,000	186,000
68	1040	Tree Replacement Program	Public Works	2	50,000	50,000	50,000	50,000	50,000	130,000	100,000	100,000	580,000
<i>TECHNOLOGY</i>													
69	1123	Closed Circuit Television System - Police	Police	3	150,000	-	-	-	-	-	175,000	-	325,000
70	1041	E-Citation Program	Police	3	-	70,000	-	-	-	-	-	-	70,000
71	1042	Financial ERP System	All Depts	2	23,000	23,690	24,400	25,130	25,900	142,000	165,000	425,000	854,120
72	1124	Notebooks - EOC/Training	Police	2	-	-	-	-	-	22,000	23,000	23,000	68,000
73	1043	Phone System	All Depts	2	-	-	155,000	-	-	-	-	165,000	320,000
74	1044	Servers - Application and File	All Depts	2	16,500	9,000	-	-	-	25,500	27,000	28,000	106,000
75	1045	Storage Array	Police	2	-	-	59,000	-	-	60,000	63,000	-	182,000
76	1019	Video Camera System - Squads	Police	2	-	-	-	-	120,000	-	130,000	-	250,000
<i>VEHICLES</i>													
77	1126	Administration Vehicle #120	Police	2	-	-	-	-	-	-	-	33,000	33,000
78	1049	Administration Vehicle #290	Fire	2	-	-	-	-	-	43,000	-	-	43,000
79	1050	Administration Vehicle #292	Fire	2	48,000	-	-	-	-	-	55,000	-	103,000
80	1051	Administration Vehicle #293	Fire	2	-	-	-	-	-	43,000	-	45,000	88,000
81	1046	Administration Vehicle #294	Fire	2	-	-	-	-	-	33,000	-	35,000	68,000
82	1053	Ambulance #243	Fire	2	-	-	275,000	-	-	-	-	300,000	575,000
83	1054	Ambulance #246	Fire	2	-	-	-	-	-	-	300,000	-	300,000
84	1055	Ambulance #247	Fire	2	-	-	-	-	-	290,000	-	-	290,000
85	1052	Ambulance #248	Fire	2	-	-	-	-	-	-	320,000	-	320,000
86	1056	Boat - Police	Police	2	-	-	-	-	-	40,000	-	45,000	85,000
87	1057	Brush Truck #270	Fire	2	-	55,000	-	-	-	-	-	-	55,000
88	1058	Bucket Truck #333	Public Works	2	-	-	-	150,000	-	-	-	-	150,000
89	1060	CID Car #123	Police	2	-	-	-	-	-	33,000	-	35,000	68,000
90	1062	Command Vehicle #291	Fire	2	57,000	-	-	-	-	-	62,000	-	119,000
91	1061	Command Vehicle #297	Fire	2	-	-	-	-	-	60,000	-	-	60,000
92	1063	Dump Truck #321	Public Works	2	-	-	180,000	-	-	-	-	200,000	380,000
93	1064	Dump Truck #322	Public Works	2	-	-	-	-	-	-	-	200,000	200,000
94	1065	Dump Truck #323	Public Works	2	182,000	-	-	-	-	-	-	210,000	392,000
95	1066	Dump Truck #324	Public Works	2	-	-	-	-	-	218,000	-	-	218,000

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GENERAL FUND - Continued													
<i>VEHICLES Continued</i>													
96	1067	Dump Truck #325	Public Works	2	-	-	-	-	-	210,000	-	-	210,000
97	1068	Dump Truck #326	Public Works	2	-	-	-	-	-	-	260,000	-	260,000
98	1069	Dump Truck #327	Public Works	2	-	189,000	-	-	-	-	-	220,000	409,000
99	1070	Dump Truck #328	Public Works	2	105,000	-	-	-	-	-	115,000	-	220,000
100	1071	Dump Truck #330	Public Works	2	-	-	-	-	110,000	-	-	120,000	230,000
101	1072	Dump Truck #331	Public Works	2	-	-	-	-	-	110,000	-	120,000	230,000
102	1073	Dump Truck #332	Public Works	2	-	-	-	-	-	110,000	-	-	110,000
103	1074	Dump Truck #334	Public Works	2	-	-	-	-	-	-	115,000	-	115,000
104	1075	Fire Engine #210	Fire	2	-	-	-	-	-	-	-	900,000	900,000
105	1077	Fire Engine #212	Fire	2	-	-	-	700,000	-	-	-	-	700,000
106	1078	Fire Engine #214	Fire	2	-	680,000	-	-	-	-	-	-	680,000
107	1079	Fire Engine #215	Fire	2	-	-	-	-	-	-	800,000	-	800,000
108	1080	Kubota Tractor	Public Works	3	26,000	-	-	-	-	-	-	-	26,000
109	1081	Pickup Truck #295	Fire	2	-	-	-	-	-	40,000	-	-	40,000
110	1082	Pickup Truck #329	Public Works	2	-	-	-	-	-	45,000	-	45,000	90,000
111	1083	Pickup Truck #335	Public Works	2	-	-	42,000	-	-	-	45,000	-	87,000
112	1084	Pickup Truck #336	Public Works	2	-	-	-	-	44,000	-	46,000	-	90,000
113	1085	Pickup Truck #337	Public Works	2	-	-	-	-	-	45,000	-	45,000	90,000
114	1086	Pickup Truck #338	Public Works	2	-	-	42,000	-	-	-	45,000	-	87,000
115	1087	Pickup Truck #339	Public Works	2	-	-	42,000	-	-	-	45,000	-	87,000
116	1088	Pickup Truck #341	Public Works	2	-	-	-	-	-	45,000	-	45,000	90,000
117	1089	Pickup Truck #342	Public Works	2	-	40,000	-	-	-	-	42,000	-	82,000
118	1090	Pickup Truck #343	Public Works	2	-	-	-	-	-	45,000	-	54,000	99,000
119	1091	Squad #102	Police	2	-	38,000	-	-	-	42,000	46,000	50,000	176,000
120	1092	Squad #103	Police	2	-	40,000	-	-	-	42,000	46,000	50,000	178,000
121	1093	Squad #104	Police	2	42,000	-	-	-	-	46,000	50,000	54,000	192,000
122	1094	Squad #105	Police	2	42,000	-	-	-	-	46,000	50,000	54,000	192,000
123	1095	Squad #106	Police	2	-	-	-	-	-	46,000	50,000	54,000	150,000
124	1096	Squad #107	Police	2	-	-	43,000	-	-	47,000	51,000	-	141,000
125	1097	Squad #108	Police	2	-	50,000	-	-	-	54,000	58,000	-	162,000
126	1098	Squad #110	Police	2	-	-	-	-	45,000	-	50,000	57,000	152,000
127	1099	Squad #111	Police	2	-	-	-	-	40,000	-	43,000	-	83,000
128	1100	Squad #112	Police	2	-	-	43,000	-	-	46,000	50,000	54,000	193,000
129	1101	Squad #114	Police	2	-	-	43,000	-	-	46,000	50,000	54,000	193,000
130	1102	Squad #115	Police	2	-	-	-	44,000	-	47,000	-	51,000	142,000
131	1048	Squad #116	Police	2	-	-	-	-	45,000	-	48,000	52,000	145,000
132	1103	Squad #117	Police	2	-	-	-	44,000	-	47,000	-	51,000	142,000
133	1104	Squad #118	Police	2	-	-	-	44,000	-	46,000	50,000	54,000	194,000
134	1105	Squad #119	Police	2	-	-	-	44,000	-	46,000	50,000	54,000	194,000
135	1106	Squad Truck #251	Fire	2	-	-	-	-	-	400,000	-	-	400,000
136	1107	Street Sweeper #319	Public Works	2	-	-	-	-	-	230,000	-	-	230,000
<i>General Fund Total</i>					2,064,500	3,284,630	2,795,000	2,179,400	1,119,860	5,784,960	5,415,650	8,049,840	30,693,840

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MOTOR FUEL TAX FUND													
<i>INFRASTRUCTURE</i>													
137	2001	Concrete Replacement Program	Public Works	2	175,000	175,000	175,000	175,000	175,000	1,000,000	1,000,000	1,000,000	3,875,000
138	2002	Crack Sealing Program	Public Works	2	60,000	60,000	60,000	60,000	60,000	300,000	300,000	300,000	1,200,000
<i>Motor Fuel Tax Fund Total</i>					235,000	235,000	235,000	235,000	235,000	1,300,000	1,300,000	1,300,000	5,075,000
NON-HOME RULE SALES TAX FUND													
<i>INFRASTRUCTURE</i>													
139	3001	Asphalt Patch Program	Public Works	2	100,000	100,000	100,000	100,000	100,000	500,000	500,000	500,000	2,000,000
140	3003	Road Improvements - Old Mill Grove	Public Works	2	-	150,000	1,500,000	-	-	-	-	-	1,650,000
141	3002	Road Resurfacing Program	Public Works	2	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	8,750,000	8,750,000	8,750,000	35,000,000
<i>Non-Home Rule Sales Tax Fund Total</i>					1,850,000	2,000,000	3,350,000	1,850,000	1,850,000	9,250,000	9,250,000	9,250,000	38,650,000
SSA #13													
<i>LAND IMPROVEMENTS</i>													
142	4001	Stream Bank Stabilize - Kildeer Creek	Public Works	2	-	-	-	-	-	-	-	200,000	200,000
<i>SSA #13 Fund Total</i>					-	-	-	-	-	-	-	200,000	200,000

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WATER & SEWER FUND													
<i>BUILDING IMPROVEMENTS</i>													
143	5001	Ion Exchange Treatment Add.- Well #11	Public Works	3	-	-	-	-	-	2,420,000	-	-	2,420,000
<i>EQUIPMENT</i>													
144	5002	Backhoe 410D	Public Works	2	-	-	-	-	-	140,000	-	-	140,000
145	5003	Lift Station Equipment - Betty	Public Works	2	-	-	-	-	-	70,000	-	-	70,000
146	5005	Lift Station Equipment - RSR	Public Works	2	-	-	-	-	65,000	-	-	-	65,000
147	5006	Lift Station Equipment - Wicklow	Public Works	2	-	-	-	65,000	-	-	-	-	65,000
148	5007	Pump Replacements - NW	Public Works	2	83,000	91,500	100,500	-	-	-	-	-	275,000
149	5008	Pump Replacements - Quentin	Public Works	2	56,500	62,000	68,500	-	-	-	-	-	187,000
150	5009	SCADA System Update	Public Works	3	300,000	-	-	-	-	-	400,000	-	700,000
151	5010	Sewer Rodder	Public Works	2	-	50,000	-	-	-	-	-	-	50,000
152	5011	Water Meters	Public Works	2	-	-	-	-	-	-	-	3,700,000	3,700,000
<i>INFRASTRUCTURE</i>													
153	5012	Ion Exchange Filter Media	Public Works	1	-	-	-	-	267,400	841,000	-	-	1,108,400
154	5014	Lift Station Improve. - Mionske	Public Works	2	-	-	-	-	-	836,000	-	-	836,000
155	5016	Sanitary Force Main Assessment	Public Works	2	-	-	-	-	-	600,000	-	600,000	1,200,000
156	5017	Sanitary Sewer I&I Program	Public Works	2	100,000	100,000	100,000	100,000	100,000	500,000	500,000	500,000	2,000,000
157	5018	Sanitary Sewer Replacements	Public Works	2	2,155,500	1,227,900	952,500	1,628,800	1,965,000	4,307,700	8,675,500	5,541,300	26,454,200
158	5019	Water Main Replacements	Public Works	2	1,522,200	2,688,000	2,369,500	2,096,700	1,637,700	11,308,600	6,988,500	11,891,000	40,502,200
159	5020	Water Tower Maintenance - Church	Public Works	2	-	-	-	11,500	-	475,000	15,000	17,500	519,000
160	5021	Water Tower Maintenance - Paulus	Public Works	2	-	-	-	-	10,200	12,000	458,000	15,400	495,600
161	5022	Well Maintenance	Public Works	2	179,000	182,000	141,000	191,000	232,000	861,500	910,000	1,042,000	3,738,500
<i>VEHICLES</i>													
162	5023	Combo Sewer Vac #532	Public Works	2	66,400	66,400	66,400	66,400	66,400	-	-	525,000	857,000
163	5024	Crane Truck #433	Public Works	2	-	-	-	-	-	-	-	115,000	115,000
164	5025	Crane Truck #439	Public Works	3	100,000	-	-	-	-	-	-	-	100,000
165	5026	Dump Truck #438	Public Works	2	-	110,000	-	-	-	-	115,000	-	225,000
166	5027	Pickup Truck #430	Public Works	2	40,000	-	-	-	-	-	42,000	-	82,000
167	5028	Pickup Truck #431	Public Works	2	-	-	-	-	40,000	-	42,000	-	82,000
168	5029	Pickup Truck #432	Public Works	2	-	40,000	-	-	-	-	42,000	-	82,000
169	5030	Pickup Truck #434	Public Works	2	-	-	-	-	45,000	-	47,000	-	92,000
170	5031	Pickup Truck #435	Public Works	2	-	-	-	-	-	42,000	-	-	42,000
171	5032	Pickup Truck #436	Public Works	2	-	-	42,000	-	-	-	44,000	-	86,000
172	5033	Pickup Truck #437	Public Works	2	-	-	-	-	-	65,000	-	-	65,000
<i>Water & Sewer Fund Total</i>					4,602,600	4,617,800	3,840,400	4,159,400	4,428,700	22,478,800	18,279,000	23,947,200	86,353,900
GRAND TOTAL ALL INCLUDED PROJECTS					8,752,100	10,137,430	10,220,400	8,423,800	7,633,560	38,813,760	34,244,650	42,747,040	160,972,740

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CONTRIBUTORY PROJECTS													
GENERAL FUND													
<i>BUILDING IMPROVEMENTS</i>													
173	9012	Renovate Buffalo Creek Space	Parks	4	-	40,000	-	-	-	-	-	-	40,000
174	9016	Renovate or Replace Fire St. 1	Fire	4	-	-	-	-	-	-	-	-	-
175	9017	Renovate or Replace Park Barn	Parks	4	-	-	-	-	-	-	-	-	-
176	9001	Renovate Park Barn Lobby	Parks	4	-	-	14,000	140,000	-	-	-	-	154,000
177	9002	Training Tower - Fire Station 1	Fire	4	-	-	165,000	-	-	-	-	-	165,000
<i>EQUIPMENT</i>													
178	9013	Marquee Sign (Electric) - Paulus Park	Parks	4	-	50,000	-	-	-	-	-	-	50,000
<i>LAND IMPROVEMENTS</i>													
179	9014	Breezewald Improvements	Public Works	4	-	75,000	-	-	-	-	-	-	75,000
180	9008	Court Renovation - Heatherleigh	Parks	4	-	-	-	-	-	25,000	-	-	25,000
181	9015	Paulus Park Improvements	Parks	4	350,000	-	-	-	-	-	-	-	350,000
182	9007	Skate Park Renovations - Paulus Park	Parks	4	-	-	-	-	-	200,000	-	-	200,000
					350,000	165,000	179,000	140,000	-	225,000	-	-	1,059,000
TOTAL CONTRIBUTORY PROJECTS					350,000	165,000	179,000	140,000	-	225,000	-	-	1,059,000

VILLAGE OF LAKE ZURICH

COMMUNITY INVESTMENT PLAN

YEARS 2020 - 2039

INTRODUCTION

The Village of Lake Zurich presently owns and maintains \$130 million in capital assets, including roads, water mains, sanitary and storm sewers, buildings, equipment and other infrastructure. All of these assets are essential to the delivery of the public services that the residents, businesses and guests of Lake Zurich rely upon. The Village strives to maintain the high quality of its services and assets, providing careful stewardship of the public's infrastructure investments.

Even with ongoing maintenance, these assets have varying service lives: police vehicles are usually replaced after four or five years of heavy usage; fire engines typically serve for up to 20 years, and sanitary sewers and water mains are expected to last for up to 50 years. Replacing these items as they age can be a financial drain on the financial resources of the Village, especially when they compete for limited resources against more-immediate service needs. Emergency repairs and replacement costs are significantly more expensive than planned purchases, proving a fiscally prudent necessity to maintain financial stability.

The Village of Lake Zurich has evaluated and prioritized the capital needs of the community for the next twenty years to better plan for these costs and when possible, set aside resources to provide minimal impact to the operations budget. This document is the resulting product, a twenty-year **Community Investment Plan** (CIP).

OVERVIEW

The CIP focuses on the long-range planning of infrastructure investment, a necessary exercise that fulfills multiple objectives of the Village of Lake Zurich Strategic Plan's "Fiscal Sustainability" and "Infrastructure" goals. The Village evaluated and prioritized assets for eventual replacement over a twenty-year period. Each asset is scheduled for replacement based on its current condition, regulatory or functional requirements, life expectancy and replacement cost. The CIP focuses on an initial "fiscally constrained" five year period, where assets are slotted for replacement balanced against projected revenues. Assets targeted for replacement in years 6-20 reflect their need, but are not limited by revenue projections. The Village anticipates updating the CIP biennially, moving forward with scheduled projects within the 5-year fiscally restrained window as funds and necessity allow, and adding new replacement projects to the 6 to 20-year period as needed.

The report is presented in a graphic "at a glance" format to make the volume of information more easily understood. Each asset is described on its own page, supplemented by pictures and/or maps for each project. As the terminology for some assets may not be common outside of the industry, additional information is provided to better describe each project and why it is needed. Each project has also been

linked back to the Strategic Plan, demonstrating the tie to the bigger picture of what the Village is working to accomplish.

Long-range investment planning allows for better resource management, as funds can be set aside to offset spikes for large items, such as a fire engine or major water main replacement. Identifying when assets need to be replaced also allows staff to focus time and resources on what is needed in the shorter term, without losing perspective of the bigger picture. Village officials and staff can make informed decisions with knowledge of future demands.

FORMAT

Projects selected include any capital items expected to cost at least \$20,000 and have a useful life of greater than one year. This allows staff to closely evaluate financially straining items. Projects that will reoccur within the twenty year cycle will be presented in one project detail document and not appear repeatedly in the CIP.

The document is broken out into five major sections: Introduction, Financial Impact Statements, Project Details, Contributory Project Details and an insert Master Project Listing for reference. This Introduction is meant to be used as a guide to navigating and interpreting the document.

Financial Impact Statements are high-level review of the financial status of each funding source. The financial impact statements identify the financial status of each funding source at a high level and demonstrates the impact of the identified projects by year. A summary of the anticipated revenues and of operational expenses have been included, providing a net amount available for capital projects. Five distinct funding sources have been identified (General Fund, Motor Fuel Tax, Non-Home Rule Sales Tax, SSA (Special Service Area) #13 and Water and Sewer Funds).

Financial impact statements and included project lists have been provided for each of the major funding sources. SSA #13 is the only exception. SSA funds are accumulated through a special property tax levy affecting only properties within the boundaries of the SSA and set aside strictly for qualified projects within the SSA; funds are only expended once sufficient balance levels have accumulated in the SSA for those projects.

As projects slated for the next five years will garner the most attention in planning processes, the financial demands for each project have been broken out into short-term and long-term projections. Short-term covers the next five years individually. Long-term needs are displayed in five-year increments for simplification purposes. The initial five-year period prioritizes asset replacement in alignment with projected revenues. Assets listed in the 6-20 year periods are not limited by revenue projections.

Project Detail documents are included for all likely funded projects. Each project has been allocated a full-page of the key information needed to understand and evaluate the project. The layout has been designed for a quick reference and most projects include a picture and/or map for greater clarity. More information regarding the project detail documents is included below.

Contributory Project Detail documents have also been included, although are not part of the financial impact statements. Projects in this category are considered discretionary at this time and were designated as such with the concurrence of each respective department. Projects considered contributory do not have an immediate impact on the health or safety of the community and are not classified as mandatory or essential. Should funding for these projects become available through the

grant process or some other non-budget funding source they will be reconsidered at that time. These projects have also been listed in a distinct section of the Master Project Listing.

The Master Project Listing is a snapshot of each of the projects listed in the CIP. This master document has been inserted in the front pocket of the CIP document to allow for quick reference. The projects are listed by funding source and then by category of project with key details. Page numbers have been included so the reader can easily locate the detail page for any project. This document also provides a high-level summary of the financial demands over the twenty year cycle.

CLASSIFICATION OF CAPITAL PROJECTS

Capital projects are classified into one of the following categories:

Land Improvements – tree replacements, public parking lot improvements, signage, playground replacements, and demolition of designated structures.

Building Improvements - building façade upgrades, carpet and flooring replacement/repairs, HVAC upgrades, retrofitting of lighting, roof repairs, etc. of public buildings.

Infrastructure - maintenance of local streets, streetscapes, sidewalks, medians, traffic control devices, street lighting, utility boxes, storm water management, curbs, gutters, catch basins, water supply, storage facilities, distribution systems, sanitary treatment networks and equipment.

Equipment - mobile radios, medical equipment, security monitors, cell phones, etc.

Vehicles - police and fire vehicles, public works motorized equipment such as backhoes, dump trucks, end-loaders, etc.

Technology - hardware and software systems and components which address the communication and information processing needs for public safety and emergency services, wireless networks, communications to residents, etc.

PROJECT DETAIL DOCUMENTS

Project detail sheets provide the reader with an abundance of relevant information to better understand the what, why, when and how much questions. Descriptions below highlight some of the more frequently consulted fields.

Location – identifies the site of the project. This can be office/building-specific or Village-wide.

Issue/Solution/Link to Strategic Plan – this section covers the what and why for each project in a narrative format.

Financial Impact – Anticipated costs are detailed in both a short-term five-year span as well as a long-term 20-year analysis. The short-term period costs are what are reflected in the financial impact statements. Long-term costs aid in anticipating upcoming needs and allocating funding when available.

Priority –a prioritization system has been developed consisting of four broad categories – (1) Mandatory, (2) Essential, (3) Deferrable, and (4) Contributory. This determination appears on the top right side of each project document.

1. A mandatory priority (1) indicates this item is required by law or another regulatory agency.
2. Essential (2) indicates the item is critical to sustaining operations and services.
3. The deferrable rating (3) was assigned for items that are important for sustaining level of service but may be deferred to a future year if necessary.
4. A category of contributory (4) has been included for those items that would enhance services, amenities or operations, but are not critical to the provision of core public services. Should funding be identified for these items, they will be moved to inclusion in the appropriate annual budget.

Design Work – as many projects in the CIP may span more than one year and often include a year or more in the design phase, a greater clarity is provided by delineating the design phase from the actual project phase.

Project Work – the actual period determined for a project from inception to completion.

Reoccurrence – provides forecasted information of the cost of those projects which are more than one-time occurrences within the twenty-year period.

Last Deferred – provides a history of a project which has been requested previously but not funded.

Last Incurred – provides a history of the most recent year the item was funded.

Prior Cost – historical costs incurred most recently for the project.

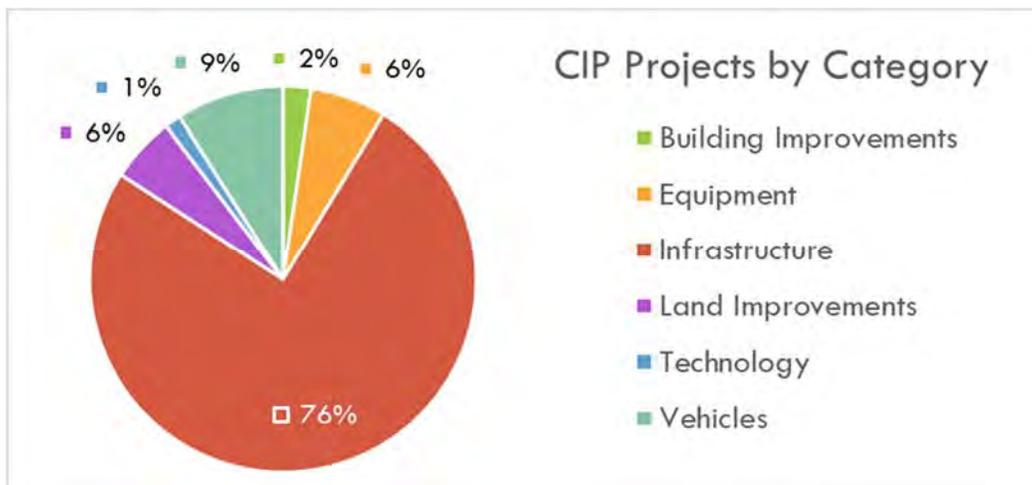
PROCESS

A project request template was made available to all departments by the Director of Finance requesting detailed information for each project. The Public Works Director and the Innovation Director began the initial evaluation process by reviewing each department request before submission to the Director of Finance for financial review and fiscal impact analysis. Meetings with department representatives to review project forecasts were then held with the CIP Team (Assistant Village Manager, Director of Finance, Director of Innovation, and Director of Public Works). The executive staff met subsequently in an extended CIP workshop to review and discuss, in detail, the working draft of the CIP and further adjustments. The preliminary CIP was then prepared by the Director of Finance for final review by the CIP Team and the Village Manager before formal presentation to the Village Board.

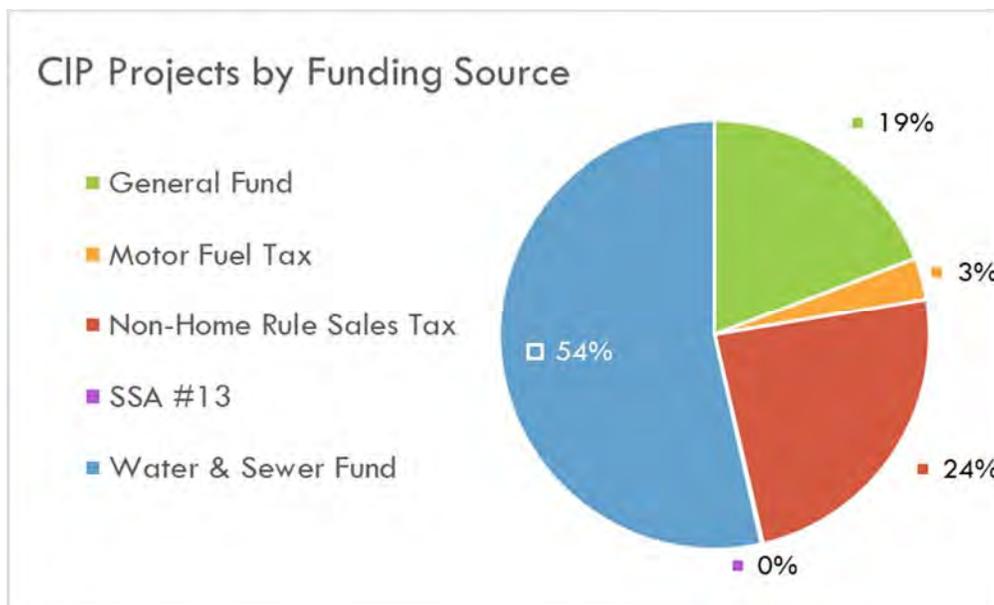
The final draft of the *Community Investment Plan* is forwarded to the Board of Trustees for consideration in late summer. During this time, trustees are encouraged to spend time reviewing the document and to contact staff with any questions they may have. If the Village Board directs that significant changes be made, staff will incorporate such changes to the final document and bring it before the Board for discussion and acceptance at the first subsequent meeting. Upon the completion of this process, the final approved CIP is posted to the Village website and shared with the residents of Lake Zurich.

FINANCIAL SUMMARY

The 2020-2039 CIP expenditures for non-contributory projects total \$160,972,740 for 156 projects across all funds. Thirty-six (36) projects alone are proposed for funding during the first year of the CIP (FY-2020). Projects by category and fund are illustrated below. As illustrated, over 75% of the included projects involve the underlying infrastructure of the village assets.



Over 50% of the projects will be placing financial demands on the Water and Sewer Fund. The recognition of the water and sewer replacement costs will likely result in significant changes to how the systems are operated and funded. The second highest demand will be on the Non-Home Rule Sales Tax (24%), which has been designated as the funding source for the annual road program. The General Fund is responsible for the majority of vehicles, buildings, land improvements and storm sewer replacements. Of the major infrastructure elements, the storm water management system does not have a dedicated funding source and will require significant investment over the next 20 years.



OBSERVATIONS

The Government Finance Officers Association (GFOA) has identified capital planning as a best practice, noting... *Capital planning is critical to water, sewer, transportation, sanitation, and other essential public services. It is also an important component of a community's economic development program and strategic plan. Capital facilities and infrastructure are important legacies that serve current and future generations. It is extremely difficult for governments to address the current and long-term needs of their constituents without a sound multi-year capital plan that clearly identifies capital and major equipment needs, maintenance requirements, funding options, and operating budget impacts.*

The Village of Lake Zurich has employed capital planning for the previous six years; however, the twenty-year CIP was born in 2018, expanding on the previous 5-year document. The Village will continue to employ fact-based decision-making; open, transparent government, and strategic perspective. Such practices were paramount in the Village's upgrade to and continued success as an AAA bond rated organization, and are, in no small manner, one of the many factors supporting the Village's reputation as a premier community among its citizens, businesses, visitors, and peers.

**Motor Fuel Tax Fund
 Five-Year Financial Impact Statement**

	Current 2019	Year 1 2020	Year 2 2021	Year 3 2022	Year 4 2023	Year 5 2024
	Projected	Forecast				
Fund Balance, Beginning of Year	2,109,372	2,075,787	1,932,728	1,782,855	1,625,928	1,461,700
Total Revenues and Other Sources	525,911	525,000	529,013	533,056	537,130	541,236
Operating Expenditures	422,496	433,059	443,886	454,983	466,358	478,017
Capital Items	137,000	235,000	235,000	235,000	235,000	235,000
Total Expenditures and Other Uses	559,496	668,059	678,886	689,983	701,358	713,017
Excess (Deficiency) of Revenue over Expend	(33,585)	(143,059)	(149,873)	(156,927)	(164,228)	(171,781)
Fund Balance, End of Year	2,075,787	1,932,728	1,782,855	1,625,928	1,461,700	1,289,919

For Capital Items, see next page(s)

Motor Fuel Tax Funded Projects

		Year 1	Year 2	Year 3	Year 4	Year 5	Years 6-20	TOTAL
		2020	2021	2022	2023	2024	2025-2039	ALL YEARS
Infrastructure								
Concrete Replacement Program	Public Works	175,000	175,000	175,000	175,000	175,000	3,000,000	3,875,000
Crack Sealing Program	Public Works	60,000	60,000	60,000	60,000	60,000	900,000	1,200,000
		235,000	235,000	235,000	235,000	235,000	3,900,000	5,075,000
GRAND TOTAL ALL PROJECTS		235,000	235,000	235,000	235,000	235,000	3,900,000	5,075,000

**Non-Home Rule Sales Tax
 Five-Year Financial Impact Statement**

	Current 2019	Year 1 2020	Year 2 2021	Year 3 2022	Year 4 2023	Year 5 2024
	Projected	Forecast				
Fund Balance, Beginning of Year	1,959,857	2,168,857	2,426,107	2,673,320	2,672,210	2,992,494
Total Revenues and Other Sources	2,161,000	2,171,250	2,313,713	3,416,390	2,239,284	2,262,397
Operating Expenditures	64,000	64,000	66,500	67,500	69,000	69,000
Capital Items (See Below)	1,888,000	1,850,000	2,000,000	3,350,000	1,850,000	1,850,000
Total Expenditures and Other Uses	1,952,000	1,914,000	2,066,500	3,417,500	1,919,000	1,919,000
Excess (Deficiency) of Revenue over Expend	209,000	257,250	247,213	(1,110)	320,284	343,397
Fund Balance, End of Year	2,168,857	2,426,107	2,673,320	2,672,210	2,992,494	3,335,891

Non-Home Rule Sales Tax Funded Capital Projects

		Year 1	Year 2	Year 3	Year 4	Year 5	Years 6-20	TOTAL
		2020	2021	2022	2023	2024	2025-2039	ALL YEARS
Infrastructure								
Asphalt Patch Program	Public Works	100,000	100,000	100,000	100,000	100,000	1,500,000	2,000,000
Road Improvements - Old Mill Grove	Public Works	-	150,000	1,500,000	-	-	-	1,650,000
Road Resurfacing Program	Public Works	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	26,250,000	35,000,000
		1,850,000	2,000,000	3,350,000	1,850,000	1,850,000	27,750,000	38,650,000
GRAND TOTAL ALL PROJECTS		1,850,000	2,000,000	3,350,000	1,850,000	1,850,000	27,750,000	38,650,000

GENERAL FUNDED PROJECTS
Capital Improvement and Equipment Replacement Funds Combined
Five-Year Financial Impact Statement

	Current 2019	Year 1 2020	Year 2 2021	Year 3 2022	Year 4 2023	Year 5 2024
	Projected	Forecast				
Fund Balance, Beginning of Year	7,075,293	7,674,685	7,665,930	8,062,349	9,151,019	9,857,712
Revenues	51,845	32,000	20,000	20,000	20,000	20,000
Transfers in from Other Funds	2,486,740	1,706,270	2,683,563	2,784,920	2,288,078	1,319,547
Total Revenues and Other Sources	2,538,585	1,738,270	2,703,563	2,804,920	2,308,078	1,339,547
Operating Expenditures or Non-CIP	74,350	52,750	58,650	60,350	62,050	62,250
Capital Items						
Buildings	123,438	88,500	100,000	165,000	85,000	50,500
Land	1,253,605	1,092,000	595,000	706,000	657,500	582,000
Infrastructure	-	17,500	875,000	-	-	-
Equipment	300,000	175,000	519,940	975,600	385,770	57,460
Technology	41,500	189,500	102,690	238,400	25,130	145,900
Vehicles	879,000	502,000	1,092,000	710,000	1,026,000	284,000
Sub-Total of Capital Items	2,597,543	2,064,500	3,284,630	2,795,000	2,179,400	1,119,860
Change in Cash for Fiscal Year	(133,308)	(378,980)	(639,717)	(50,430)	66,628	157,437
Depreciation	340,000	385,000	440,000	515,000	600,000	700,000
Less Capitalized Assets	(1,072,700)	(755,225)	(1,476,136)	(1,654,100)	(1,240,065)	(432,956)
Total Expenditures and Other Uses	1,939,193	1,747,025	2,307,144	1,716,250	1,601,385	1,449,154
Excess (Deficiency) of Revenue over Expend	599,392	(8,755)	396,419	1,088,670	706,693	(109,607)
Fund Balance, End of Year	7,674,685	7,665,930	8,062,349	9,151,019	9,857,712	9,748,105
Cash Balance, End of Year	5,388,194	5,287,214	4,540,497	4,493,067	4,562,695	4,562,695

*Fire District Reimb. - 45% of equipment & vehicles for Fire Dept has not been reflected in the above. 48,300 549,672 140,576 441,954 14,932

For Capital Items, see next page(s)

General Funded Capital Projects

		Year 1	Year 2	Year 3	Year 4	Year 5	Years 6-20	TOTAL
		2020	2021	2022	2023	2024	2025-2039	ALL YEARS
Building Improvements								
Building Access System - Police	Police	-	-	-	-	-	35,000	35,000
Exterior Painting - Fire Station 1	Fire	-	-	-	-	-	75,000	75,000
Floor Repairs - Fire Apparatus	Fire	-	-	-	-	-	35,000	35,000
Floor Repairs - Fleet Services	Public Works	-	20,000	-	-	-	20,000	40,000
Floor Repairs - Vehicle Storage	Public Works	-	-	65,000	-	-	65,000	130,000
Floor Replacement - CDD Admin	Comm. Dev.	-	-	-	-	-	20,000	20,000
Floor Replacement - Fire Station 1	Fire	-	30,000	-	-	-	-	30,000
Floor Replacement - Police	Police	-	-	-	-	-	20,000	20,000
Floor Sealant - Police Garage	Police	-	-	-	-	40,000	-	40,000
Generator - Fire Station 1	Fire	-	-	-	-	-	75,000	75,000
Hot Water Heater Replace - Police	Police	-	-	-	-	-	20,000	20,000
HVAC Replacements - Police	Police	-	30,000	-	35,000	-	70,000	135,000
HVAC Replacement - Police Data Ctr	Police	60,000	-	-	-	-	65,000	125,000
HVAC Replacement - Fire Station 1	Fire	4,500	-	-	-	10,500	27,500	42,500
Kitchen Remodel - Fire Station 1	Fire	-	10,000	-	50,000	-	-	60,000
Locker Room Remodel - Fire Station 1	Fire	-	10,000	100,000	-	-	-	110,000
Roof Replacements - Police	Police	-	-	-	-	-	100,000	100,000
Stair Replacement - Police	Police	-	-	-	-	-	50,000	50,000
Vehicle Exhaust System Upgrade	Fire	24,000	-	-	-	-	100,000	124,000
Window Replacement - Fire Station 1	Fire	-	-	-	-	-	50,000	50,000
		88,500	100,000	165,000	85,000	50,500	827,500	1,316,500
Equipment								
Ambulance Power Load Cot System	Fire	-	23,340	-	24,760	-	118,770	166,870
Automatic External Defibrillators	Fire	-	-	-	-	-	162,350	162,350
Bobcat Skid Loader S300	Public Works	-	-	-	-	-	60,000	60,000
Bobcat Skid Loader S770	Public Works	-	-	-	-	-	75,000	75,000
Chipper	Public Works	-	60,000	-	-	-	-	60,000
Community Room Equipment	Police	20,000	-	-	-	-	25,000	45,000
Dispatch Console Replacement	Police	-	-	750,000	-	-	-	750,000
Extrication Equipment	Fire	-	-	-	31,500	-	35,000	66,500
Fuel Island Replacement	Multiple	-	-	-	-	-	150,000	150,000
Life Pak Monitor/Defibrillator	Fire	-	29,700	30,600	31,510	32,460	382,830	507,100
Loader	Public Works	-	-	195,000	-	-	-	195,000
Mobile Truck Lift	Public Works	-	-	-	-	-	84,000	84,000
Self-Contained Breathing Apparatus	Fire	-	341,900	-	-	-	400,000	741,900
SCBA Compressor/Fill Station	Fire	-	65,000	-	-	-	85,000	150,000
Starcom Portable Radios - Fire	Fire	-	-	-	173,000	-	563,000	736,000
Starcom Portable Radios - Police	Police	-	-	-	125,000	25,000	335,000	485,000
Station Alerting System	Fire	-	-	-	-	-	60,000	60,000
Televising Camera - Stormwater	Public Works	105,000	-	-	-	-	105,000	210,000
Track Loader	Public Works	-	-	-	-	-	70,000	70,000
Track Loader New	Public Works	50,000	-	-	-	-	-	50,000
Warning Siren Replacements (6)	Fire	-	-	-	-	-	138,000	138,000
		175,000	519,940	975,600	385,770	57,460	2,848,950	4,962,720
Infrastructure								
Promenade Outfall Reconstruction	Public Works	17,500	175,000	-	-	-	-	192,500
Storm Sewer Lining - Pine Tree Row	Public Works	-	700,000	-	-	-	-	700,000
		17,500	875,000	-	-	-	-	892,500

General Funded Capital Projects

		Year 1 2020	Year 2 2021	Year 3 2022	Year 4 2023	Year 5 2024	Years 6-20 2025-2039	TOTAL ALL YEARS
Land Improvements								
Basketball Court Resurfacing	Parks	-	-	-	62,500	-	62,500	125,000
Parking Lot Replacements	Public Works	460,000	335,000	476,000	130,000	45,000	2,720,000	4,166,000
Playground Renovations	Parks	50,000	50,000	50,000	50,000	50,000	950,000	1,200,000
Shoreline Stabilize - Paulus Park	Public Works	-	160,000	110,000	-	-	-	270,000
Sprayground Resurfacing	Parks	-	-	-	-	-	300,000	300,000
Stream Bank Stabilize -Buffalo Creek	Public Works	-	-	20,000	365,000	437,000	670,000	1,492,000
Stream Bank Stabilize - Flint Creek	Public Works	490,000	-	-	-	-	-	490,000
Tennis Court Resurfacing - Sonoma/Staple	Parks	42,000	-	-	-	-	144,000	186,000
Tree Replacement Program	Public Works	50,000	50,000	50,000	50,000	50,000	330,000	580,000
		1,092,000	595,000	706,000	657,500	582,000	5,176,500	8,809,000
Technology								
Closed Circuit Television System	Police	150,000	-	-	-	-	175,000	325,000
E-Citation Program	Police	-	70,000	-	-	-	-	70,000
Financial ERP System	All Depts	23,000	23,690	24,400	25,130	25,900	732,000	854,120
Notebooks - EOC/Training	Police	-	-	-	-	-	68,000	68,000
Phone System	All Depts	-	-	155,000	-	-	165,000	320,000
Servers - Application and File	All Depts	16,500	9,000	-	-	-	80,500	106,000
Storage Array	Police	-	-	59,000	-	-	123,000	182,000
Video Camera System - Squads	Police	-	-	-	-	120,000	130,000	250,000
		189,500	102,690	238,400	25,130	145,900	1,473,500	2,175,120
Vehicles								
Administration Vehicle #120	Police	-	-	-	-	-	33,000	33,000
Administration Vehicle #290	Fire	-	-	-	-	-	43,000	43,000
Administration Vehicle #292	Fire	48,000	-	-	-	-	55,000	103,000
Administration Vehicle #293	Fire	-	-	-	-	-	88,000	88,000
Administration Vehicle #294	Fire	-	-	-	-	-	68,000	68,000
Ambulance #243	Fire	-	-	275,000	-	-	300,000	575,000
Ambulance #246	Fire	-	-	-	-	-	300,000	300,000
Ambulance #247	Fire	-	-	-	-	-	290,000	290,000
Ambulance #248	Fire	-	-	-	-	-	320,000	320,000
Boat - Police	Police	-	-	-	-	-	85,000	85,000
Brush Truck #270	Fire	-	55,000	-	-	-	-	55,000
Bucket Truck #333	Public Works	-	-	-	150,000	-	-	150,000
CID Car #123	Police	-	-	-	-	-	68,000	68,000
Command Vehicle #291	Fire	57,000	-	-	-	-	62,000	119,000
Command Vehicle #297	Fire	-	-	-	-	-	60,000	60,000
Dump Truck #321	Public Works	-	-	180,000	-	-	200,000	380,000
Dump Truck #322	Public Works	-	-	-	-	-	200,000	200,000
Dump Truck #323	Public Works	182,000	-	-	-	-	210,000	392,000
Dump Truck #324	Public Works	-	-	-	-	-	218,000	218,000
Dump Truck #325	Public Works	-	-	-	-	-	210,000	210,000
Dump Truck #326	Public Works	-	-	-	-	-	260,000	260,000
Dump Truck #327	Public Works	-	189,000	-	-	-	220,000	409,000
Dump Truck #328	Public Works	105,000	-	-	-	-	115,000	220,000
Dump Truck #330	Public Works	-	-	-	-	110,000	120,000	230,000
Dump Truck #331	Public Works	-	-	-	-	-	230,000	230,000
Dump Truck #332	Public Works	-	-	-	-	-	110,000	110,000
Dump Truck #334	Public Works	-	-	-	-	-	115,000	115,000

General Funded Capital Projects

		Year 1 2020	Year 2 2021	Year 3 2022	Year 4 2023	Year 5 2024	Years 6-20 2025-2039	TOTAL ALL YEARS
Vehicles continued								
Fire Engine #210	Fire	-	-	-	-	-	900,000	900,000
Fire Engine #212	Fire	-	-	-	700,000	-	-	700,000
Fire Engine #214	Fire	-	680,000	-	-	-	-	680,000
Fire Engine #215	Fire	-	-	-	-	-	800,000	800,000
Kubota Tractor	Public Works	26,000	-	-	-	-	-	26,000
Pickup Truck #295	Fire	-	-	-	-	-	40,000	40,000
Pickup Truck #329	Public Works	-	-	-	-	-	90,000	90,000
Pickup Truck #335	Public Works	-	-	42,000	-	-	45,000	87,000
Pickup Truck #336	Public Works	-	-	-	-	44,000	46,000	90,000
Pickup Truck #337	Public Works	-	-	-	-	-	90,000	90,000
Pickup Truck #338	Public Works	-	-	42,000	-	-	45,000	87,000
Pickup Truck #339	Public Works	-	-	42,000	-	-	45,000	87,000
Pickup Truck #341	Public Works	-	-	-	-	-	90,000	90,000
Pickup Truck #342	Public Works	-	40,000	-	-	-	42,000	82,000
Pickup Truck #343	Public Works	-	-	-	-	-	99,000	99,000
Squad #102	Police	-	38,000	-	-	-	138,000	176,000
Squad #103	Police	-	40,000	-	-	-	138,000	178,000
Squad #104	Police	42,000	-	-	-	-	150,000	192,000
Squad #105	Police	42,000	-	-	-	-	150,000	192,000
Squad #106	Police	-	-	-	-	-	150,000	150,000
Squad #107	Police	-	-	43,000	-	-	98,000	141,000
Squad #108	Police	-	50,000	-	-	-	112,000	162,000
Squad #110	Police	-	-	-	-	45,000	107,000	152,000
Squad #111	Police	-	-	-	-	40,000	43,000	83,000
Squad #112	Police	-	-	43,000	-	-	150,000	193,000
Squad #114	Police	-	-	43,000	-	-	150,000	193,000
Squad #115	Police	-	-	-	44,000	-	98,000	142,000
Squad #116	Police	-	-	-	-	45,000	100,000	145,000
Squad #117	Police	-	-	-	44,000	-	98,000	142,000
Squad #118	Police	-	-	-	44,000	-	150,000	194,000
Squad #119	Police	-	-	-	44,000	-	150,000	194,000
Squad Truck #251	Fire	-	-	-	-	-	400,000	400,000
Street Sweeper #319	Public Works	-	-	-	-	-	230,000	230,000
		502,000	1,092,000	710,000	1,026,000	284,000	8,924,000	12,538,000
GRAND TOTAL ALL PROJECTS		2,064,500	3,284,630	2,795,000	2,179,400	1,119,860	19,250,450	30,693,840

Water & Sewer Fund Five-Year Financial Impact Statement

	Current 2019 <hr/> Projected	Year 1 2020	Year 2 2021	Year 3 2022	Year 4 2023	Year 5 2024
		<hr/> Forecast				
Fund Balance, Start of Year	41,195,063	39,957,943	36,817,447	33,651,301	31,340,321	28,826,529
Total Revenues and Other Sources	7,384,186	7,419,734	7,525,696	7,725,620	7,925,756	8,126,107
Operating Expenditures	3,786,761	3,915,089	4,038,419	4,168,627	4,260,397	4,448,687
Debt Service (Interest)	216,545	192,541	167,123	140,388	113,694	86,253
Depreciation	1,800,000	1,850,000	1,868,500	1,887,185	1,906,057	1,925,118
Capital Plan Items	2,818,000	4,602,600	4,617,800	3,840,400	4,159,400	4,428,700
Total Expenses and Other Uses	8,621,306	10,560,230	10,691,842	10,036,600	10,439,548	10,888,758
Excess (Deficiency) of Revenue over Expend	(1,237,120)	(3,140,496)	(3,166,146)	(2,310,980)	(2,513,792)	(2,762,651)
Fund Balance, End of Year	39,957,943	36,817,447	33,651,301	31,340,321	28,826,529	26,063,878
CASH & INVESTMENTS BALANCE	5,488,132	4,640,835	1,606,369	(38,585)	(2,052,745)	(3,372,038)

Note 1: Revenues for include estimate small increases to water & sewer rates each January. These are just estimates beyond 2019.

For Capital Items, see next page(s)

Water & Sewer Fund Capital Projects

	Year 1 2020	Year 2 2021	Year 3 2022	Year 4 2023	Year 5 2024	Years 6-20 2025-2039	TOTAL ALL YEARS
Building Improvements							
Ion Exchange Treatment Add.- Well #11	-	-	-	-	-	2,420,000	2,420,000
	-	-	-	-	-	2,420,000	2,420,000
Infrastructure							
Ion Exchange Filter Media	-	-	-	-	267,400	841,000	1,108,400
Lift Station Improve. - Mionske	-	-	-	-	-	836,000	836,000
Sanitary Force Main Assessment	-	-	-	-	-	1,200,000	1,200,000
Sanitary Sewer I&I Program	100,000	100,000	100,000	100,000	100,000	1,500,000	2,000,000
Sanitary Sewer Replacements	2,155,500	1,227,900	952,500	1,628,800	1,965,000	18,524,500	26,454,200
Water Main Replacements	1,522,200	2,688,000	2,369,500	2,096,700	1,637,700	30,188,100	40,502,200
Water Tower Maintenance - Church	-	-	-	11,500	-	507,500	519,000
Water Tower Maintenance - Paulus	-	-	-	-	10,200	485,400	495,600
Well Maintenance	179,000	182,000	141,000	191,000	232,000	2,813,500	3,738,500
	3,956,700	4,197,900	3,563,000	4,028,000	4,212,300	56,896,000	76,853,900
Equipment							
Backhoe 410D	-	-	-	-	-	140,000	140,000
Lift Station Equipment - Betty	-	-	-	-	-	70,000	70,000
Lift Station Equipment - RSR	-	-	-	-	65,000	-	65,000
Lift Station Equipment - Wicklow	-	-	-	65,000	-	-	65,000
Pump Replacements - NW	83,000	91,500	100,500	-	-	-	275,000
Pump Replacements - Quentin	56,500	62,000	68,500	-	-	-	187,000
SCADA System Update	300,000	-	-	-	-	400,000	700,000
Sewer Rodder	-	50,000	-	-	-	-	50,000
Water Meters	-	-	-	-	-	3,700,000	3,700,000
	439,500	203,500	169,000	65,000	65,000	4,310,000	5,252,000
Vehicles							
Combo Sewer Vac #532	66,400	66,400	66,400	66,400	66,400	525,000	857,000
Crane Truck #433	-	-	-	-	-	115,000	115,000
Crane Truck #439	100,000	-	-	-	-	-	100,000
Dump Truck #438	-	110,000	-	-	-	115,000	225,000
Pickup Truck #430	40,000	-	-	-	-	42,000	82,000
Pickup Truck #431	-	-	-	-	40,000	42,000	82,000
Pickup Truck #432	-	40,000	-	-	-	42,000	82,000
Pickup Truck #434	-	-	-	-	45,000	47,000	92,000
Pickup Truck #435	-	-	-	-	-	42,000	42,000
Pickup Truck #436	-	-	42,000	-	-	44,000	86,000
Pickup Truck #437	-	-	-	-	-	65,000	65,000
	206,400	216,400	108,400	66,400	151,400	1,079,000	1,828,000
GRAND TOTAL ALL PROJECTS	4,602,600	4,617,800	3,840,400	4,159,400	4,428,700	64,705,000	86,353,900



Building Access System

Location 200 Mohawk - Police Station

Issue The electronic key pad access system is beyond its useful life and is no longer supported.

Solution The electronic key pad access system should be replaced.

Link to Strategic Plan **3 - Infrastructure Objective G**
 This project links directly to the strategic objective of addressing a facility maintenance plan.

Project #	1001
Priority	2 - Essential
Category	Building Improve.
Useful Life	15-19 years
Origination	Replacement
User Department	Police
Lead Department	Technology
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2028
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$70,000
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 35,000	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000





Exterior Painting/Tuckpointing

Location Fire Station 1

Issue Painting and tuck-pointing is an ongoing need for the entire exterior along with replacement of the rotting trim.

Solution Complete the painting of the entire exterior for the structure and set up a regular ongoing masonry maintenance painting touch up to help preserve the building.

Link to Strategic Plan
3 - Infrastructure **Objective G**
 Develop a formalized facility maintenance plan

Project # 1002
 Priority 3 - Deferrable
 Category Building Improve.
 Useful Life 5-9 years
 Origination Major Maintenance
 User Department Fire
 Lead Department Public Works
 Impact Operations? No
 Current Budget \$ \$0
 Year Submitted 2018
 Design Work N/A
 Project Work **2026**
 Reoccurrence -
 Last Deferred N/A
 Last Incurred 2018
 Prior Cost \$ \$55,000
 Current Asset # N/A
 Source of Funds General
 Budget Code 401-25-001
 Account 55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 35,000	\$ -	\$ 40,000	\$ 75,000	\$ -	\$ 75,000





Floor Repairs - Fire Apparatus

Location Fire Station 1

Issue The non-slip flooring for the apparatus floor at station 1 has worn down and the non-slip material is no longer effective.

Solution Complete the rehabilitation of the apparatus floor with a new non-slip system to prevent slips, trips, and falls.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
Develop a formalized facility maintenance plan

Project # 1003
Priority 3 - Deferrable
Category Building Improve.
Useful Life 15-19 years
Origination Major Maintenance
User Department Fire
Lead Department Public Works
Impact Operations? No
Current Budget \$ \$0
Year Submitted 2017
Design Work N/A
Project Work **2025**
Reoccurrence N/A
Last Deferred N/A
Last Incurred 2009
Prior Cost \$ \$7,000
Current Asset # N/A
Source of Funds General
Budget Code 401-25-001
Account 55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 35,000	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000





Flooring Repairs - Fleet Services

Location Community Services Facility 505 Telser Rd

Issue The flooring in Fleet Services has a protective coating that is deteriorating due to age and exposure to equipment and vehicle maintenance.

Solution Repair defects and re-seal fleet maintenance shop surface.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project links indirectly to preparing a Formalized Municipal Facility Maintenance Plan.

Project # 1004
Priority 3 - Deferrable
Category Building Improve.
Useful Life 15-19 years
Origination Major Maintenance
User Department Public Works
Lead Department Public Works
Impact Operations? No
Current Budget \$ \$0
Year Submitted 2017
Design Work **N/A**
Project Work **2021**
Reoccurrence 2035

Last Deferred N/A
Last Incurred N/A
Prior Cost \$ N/A
Current Asset # N/A
Source of Funds General
Budget Code 401-36-001
Account 55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 40,000





Flooring Repairs- Vehicle Storage

Location Community Services Facility 505 Telser Rd

Issue The flooring in Vehicle Storage has a protective coating that is deteriorating due to age and exposure to equipment and vehicle maintenance.

Solution Repair defects and re-seal vehicle storage shop surface.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project links indirectly to preparing a Formalized Municipal Facility Maintenance Plan.

Project # 1005
Priority 3 - Deferrable
Category Building Improve.
Useful Life 15-19 years
Origination Major Maintenance
User Department Public Works
Lead Department Public Works
Impact Operations? No
Current Budget \$ \$0
Year Submitted 2016
Design Work -
Project Work **2022**
Reoccurrence 2033

Last Deferred 2017
Last Incurred N/A
Prior Cost \$ \$ -
Current Asset # N/A
Source of Funds General
Budget Code 401-36-001
Account 55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 65,000	\$ -	\$ -	\$ 65,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 65,000	\$ 65,000	\$ 65,000	\$ 130,000





Flooring Replacement - CD Admin

Location Community Services Facility 505 Telser Rd

Issue The administration flooring is from 2019. Carpeting will be beyond its useable lifespan and in need of replacement.

Solution Evaluate existing flooring to determine appropriate replacement.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project links indirectly to preparing a Formalized Municipal Facility Maintenance Plan.

Project #	1006
Priority	3 - Deferrable
Category	Building Improve.
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Community Develop.
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2016
Design Work	-
Project Work	2039
Reoccurrence	>2039 -
Last Deferred	2017
Last Incurred	2019
Prior Cost \$	\$12,000
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 20,000	\$ 20,000	\$ -	\$ 20,000





Flooring Replacement - Living Areas

Location Fire Station 1

Issue Flooring in living areas of the station are showing wear and will need replacement. Several rooms are currently carpeted. Includes all flooring first floor and lower level, excluding the apparatus bay floor.

Solution Replace flooring as appropriate. Alternate materials from carpet will be evaluated.

Link to Strategic Plan **3 - Infrastructure** **Objective E**
Developing of a formalized facility maintenance plan.

Project # 1108
Priority 3 - Deferrable
Category Building Improve.
Useful Life 10-14 years
Origination Major Maintenance
User Department Fire
Lead Department Public Works
Impact Operations? No
Current Budget \$ \$0
Year Submitted 2019
Design Work N/A
Project Work **2021**
Reoccurrence 2031

Last Deferred N/A
Last Incurred N/A
Prior Cost \$ \$ -
Current Asset # N/A
Source of Funds General
Budget Code 401-36-001
Account 55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000





Flooring Replacement - Police Station

Location 200 Mohawk - Police Station

Issue The police department carpet will be beyond its projected lifespan. Deteriorating flooring can cause trip hazards.

Solution Replace the existing carpet.

Link to Strategic Plan **3 - Infrastructure Objective G**
 This project links directly to the strategic objective of addressing a facility maintenance plan.

Project #	1007
Priority	3 - Deferrable
Category	Building Improve.
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Police
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2017
Design Work	-
Project Work	2039
Reoccurrence	-
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$17,500
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 20,000	\$ 20,000	\$ -	\$ 20,000





Floor Sealant - Police Garage

Location 200 Mohawk - Police Station

Issue The police department garage floor coating is original. Areas are deteriorating and resurfacing will be needed.

Solution The garage floor should be resurfaced.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project links directly to the strategic objective of addressing a facility maintenance plan.

Project # 1008
Priority 3 - Deferrable
Category Building Improve.
Useful Life 20-24 years
Origination Major Maintenance
User Department Police
Lead Department Public Works
Impact Operations? Yes
Current Budget \$ \$0
Year Submitted 2017
Design Work -
Project Work **2024**
Reoccurrence >2039
Last Deferred N/A
Last Incurred N/A
Prior Cost \$ N/A
Current Asset # N/A
Source of Funds General
Budget Code 401-36-001
Account 55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000





Generator

Location Lake Zurich Fire Station 1

Issue Backup generator is essential to keep the fire department operating in case of a power failure. Station 1 also serves as the backup Emergency Operations Center.

Solution Purchase new Generator. Existing Generator will be removed from the fleet and auctioned.

Link to Strategic Plan **3 - Infrastructure** **Objective B**
 This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.

Project #	1018
Priority	2 - Essential
Category	Building Improve.
Useful Life	> 25 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$75,000
Year Submitted	2017
Design Work	N/A
Project Work	2036
Reoccurrence	-
Last Deferred	N/A
Last Incurred	2011
Prior Cost \$	\$49,363
Current Asset #	11GENFR1
Source of Funds	General
Budget Code	615-25-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 75,000	\$ 75,000	\$ -	\$ 75,000





Hot Water Heater Replacement

Location 200 Mohawk - Police Station

Issue Units will be beyond expected life span. The delivery of hot water to both employees and persons being held in cells is a necessity.

Solution The hot water heaters should be replaced before they fail.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project links directly to the strategic objective of addressing a facility maintenance plan.

Project #	1009
Priority	2 - Essential
Category	Building Improve.
Useful Life	15-19 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2017
Design Work	-
Project Work	2038
Reoccurrence	-
Last Deferred	N/A
Last Incurred	2018
Prior Cost \$	\$15,000
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 20,000	\$ 20,000	\$ -	\$ 20,000





HVAC Replacement - Police Station

Location 200 Mohawk - Police Station

Issue The anticipated lifespan of the rooftop HVAC units are 15/19 years. This includes the units for the station and the firing range.

Solution HVAC units should be replaced before they fail. Replacements are staggered in replacement schedule to minimize failures.

Link to Strategic Plan **3 - Infrastructure Objective G**
This project links directly to the strategic objective of addressing a facility maintenance plan.

Project #	1010
Priority	3 - Deferrable
Category	Building Improve.
Useful Life	15-19 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2017
Design Work	-
Project Work	2021
Reoccurrence	2021 2023 2025 2027 - -
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$27,000
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 30,000	\$ -	\$ 35,000	\$ -	\$ 65,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 70,000	\$ -	\$ -	\$ 70,000	\$ 65,000	\$ 135,000





HVAC Replacement Police Data Center

Location	Police Department
Issue	There are 4 independent ceiling mounted A/C units to keep the A/V, Phone, Radio and Server Rooms cooled. These units were installed during construction and are about 17 years old. First major failure in 2019 of the server room unit.
Solution	There is no backup cooling for each of these rooms that house critical equipment. At least three of the units should be considered for major service/replacement of compressor.
Link to Strategic Plan	<p>4 - Service Sustainability Objective E</p> <hr/> <p>Develop a technology update plan.</p>

Project #	1125
Priority	2 - Essential
Category	Building Improve.
Useful Life	10-14 years
Origination	Major Maintenance
User Department	Police
Lead Department	Technology
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2020
Design Work	2020
Project Work	2021
Reoccurrence	2035 >2039 -
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$15,000
Current Asset #	N/A
Source of Funds	General
Budget Code	615-10-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 65,000	\$ 65,000	\$ 60,000	\$ 125,000





HVAC Replacement

Location Fire Station 1

Issue The anticipated lifespan of the HVAC units are 15/19 years. This includes multiple units for the station.

Solution HVAC units should be replaced before they fail. Replacements are staggered in replacement schedule to minimize failures.

Link to Strategic Plan

3 - Infrastructure	Objective G
Developing of a formalized facility maintenance plan.	

Project #	1109
Priority	2 - Essential
Category	Building Improve.
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2019
Design Work	-
Project Work	2020
Reoccurrence	2024 2030 2034
Last Deferred	N/A
Last Incurred	-
Prior Cost \$	
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 4,500	\$ -	\$ -	\$ -	\$ 10,500	\$ 15,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 4,500	\$ 23,000	\$ 27,500	\$ 15,000	\$ 42,500





Kitchen Remodel

Location Fire Station 1

Issue Current kitchen contains some elements original to 1982 and are showing wear, such as cabinets and backsplash.

Solution Remodel Kitchen, focusing on cabinets, appliances and backsplash. Design work scheduled for 2021 to coincide with locker room project for economy of scale savings.

Link to Strategic Plan

3 - Infrastructure Objective G

Developing of a formalized facility maintenance plan.

Project #	1110
Priority	3 - Deferrable
Category	Building Improve.
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Fire
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2020
Design Work	2021
Project Work	2023
Reoccurrence	-
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	\$ -
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 10,000	\$ -	\$ 50,000	\$ -	\$ 60,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000





Locker Room Remodel

Location Fire Station 1

Issue The current configuration of the mens locker room is insufficient to accommodate the number of staff using the facility.

Solution Remodel the locker room.

Link to Strategic Plan **3 - Infrastructure** **Objective C**
Developing of a formalized facility maintenance plan.

Project # 1111
Priority 3 - Deferrable
Category Building Improve.
Useful Life 20-24 years
Origination Major Maintenance
User Department Fire
Lead Department Public Works
Impact Operations? Yes
Current Budget \$ \$0
Year Submitted 2020
Design Work **2021**
Project Work **2022**
Reoccurrence >2039
Last Deferred N/A
Last Incurred N/A
Prior Cost \$ \$ -
Current Asset # N/A
Source of Funds General
Budget Code 401-36-001
Account 55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 10,000	\$ 100,000	\$ -	\$ -	\$ 110,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 110,000	\$ 110,000





Roof Replacements - Police Station

Location 200 Mohawk - Police Station

Issue The police station roof is original and past useful life. Heavy rains have caused leakage on occasion, especially near the firearms range.

Solution The police station roof should be evaluated and repaired or replaced.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project links directly to the strategic objective of addressing a facility maintenance plan.

Project #	1011
Priority	2 - Essential
Category	Building Improve.
Useful Life	20-24 years
Origination	Major Maintenance
User Department	Police
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2017
Design Work	-
Project Work	2025
Reoccurrence	-
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	N/A
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000





Stairs Replacement - Police Station

Location 200 Mohawk - Police Station

Issue The police department front stair case is used daily by the public. Staircase experiences deterioration with the use of ice melt chemicals. Repairs in 2018 will help extend the life.

Solution Staircase will need to be replaced. The cost/benefits for heated steps to reduce salt deterioration and potential injuries can be evaluated at time of replacement.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project links directly to the strategic objective of addressing a facility maintenance plan.

Project # 1112
 Priority 3 - Deferrable
 Category Building Improve.
 Useful Life > 25 years
 Origination Major Maintenance
 User Department Police
 Lead Department Public Works
 Impact Operations? No
 Current Budget \$ \$0
 Year Submitted 2018
 Design Work -
 Project Work **2029**
 Reoccurrence -
 Last Deferred N/A
 Last Incurred N/A
 Prior Cost \$ \$0
 Current Asset # N/A
 Source of Funds General
 Budget Code 401-36-001
 Account 55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 50,000	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000





Vehicle Exhaust System Update

Location Fire Station 1

Issue The current vehicle exhaust system line drops are reaching the end of useful life. The original systems date back to the 1990s. In addition, no means exists to clean the ambient air for secondary exhaust collection.

Solution Upgrade the current seven (7) line drops and install two (2) ambient air cleaners. Components of system scheduled for replacement in 2020; entire system replacement scheduled for 2030.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
Developing of a formalized facility maintenance plan.

Project #	1113
Priority	2 - Essential
Category	Building Improve.
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$30,000
Year Submitted	2019
Design Work	2020
Project Work	2020
Reoccurrence	2030
Last Deferred	N/A
Last Incurred	1996
Prior Cost \$	110,000
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 24,000	\$ -	\$ -	\$ -	\$ -	\$ 24,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 100,000	\$ -	\$ 100,000	\$ 24,000	\$ 124,000





Window Replacement - Fire Station 1

Location Fire Station 1

Issue Replacement of first floor windows will increase heating/cooling efficiency.

Solution Replacement of the facility windows.

Link to Strategic Plan
3 - Infrastructure **Objective G**
 Developing of a formalized facility maintenance plan

Project # 1012
 Priority 3 - Deferrable
 Category Building Improve.
 Useful Life 20-24 years
 Origination Major Maintenance
 User Department Fire
 Lead Department Public Works
 Impact Operations? No
 Current Budget \$ \$0
 Year Submitted 2018
 Design Work -
 Project Work **2037**
 Reoccurrence N/A
 Last Deferred N/A
 Last Incurred 2017
 Prior Cost \$ \$22,000
 Current Asset # N/A
 Source of Funds General
 Budget Code 401-25-001
 Account 55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ 50,000





Ambulance Power Load System

Location Fire Stations

Issue The Fire Department implemented a phased initiative to purchase Power Load Systems to improve patient safety and reduce personnel back injuries. The systems have an anticipated life span of 7 years.

Solution Purchase four (4) new Power Load systems to replace aging equipment over a four year period starting in 2021. Target replacements will be at the half-life of each ambulance, as the new ambulances are fitted with the power load system. Life of an ambulance is approximately 15 years.

Link to Strategic Plan **4 - Service Sustainability Objective D**
Increase efficiencies in operations and help meet current standards recognized by our risk management insurer for patient/employee safety.

Project #	1114
Priority	2 - Essential
Category	Equipment
Useful Life	5-9 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2019
Design Work	N/A
Project Work	2021
Reoccurrence	2023 2025 2029
Last Deferred	N/A
Last Incurred	2013
Prior Cost \$	\$23,000
Current Asset #	N/A
Source of Funds	General & Fire Dist.
Budget Code	615-25-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 23,340	\$ -	\$ 24,760	\$ -	\$ 48,100
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 83,770	\$ -	\$ 35,000	\$ 118,770	\$ 48,100	\$ 166,870





Automatic External Defibrillators

Location Throughout the village facilities and fleet.

Issue The Fire Department coordinates multiple Automatic External Defibrillators (AED's) throughout the department and the village. These units were replaced in 2018, but will need to be replaced at the end of their service life. For planning purchases, the manufacturer recommends an expected service life of 8 years.

Solution Purchase new AEDs on a schedule which will anticipate needs based on current models' ages and conditions. There are currently 2 models deployed depending on location (public access vs emergency vehicles). It is anticipated the purchase price will increase 2-3% annually, according to the manufacturer.

Link to Strategic Plan **4 - Service Sustainability Objective A**
Establish a service sustainability plan.

Project #	1013
Priority	2 - Essential
Category	Equipment
Useful Life	5-9 years
Origination	Replacement
User Department	Fire
Lead Department	Fire
Impact Operations?	No
Current Budget \$	\$59,800
Year Submitted	2018
Design Work	N/A
Project Work	2026
Reoccurrence	2034
Last Deferred	-
Last Incurred	2018
Prior Cost \$	\$58,235
Current Asset #	N/A
Source of Funds	General & Fire Dist.
Budget Code	615-25-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 71,620	\$ 90,730	\$ -	\$ 162,350	\$ -	\$ 162,350





Bobcat Skid Loader S300

Location Village Fleet

Issue Skid loaders are used on a daily basis for a wide range of applications, Stump grinding, blacktop grinding, concrete breakers, fork lifts. The skid loader will be beyond it's useful life.

Solution Purchase replacement skid loader. Existing loader will be removed from the fleet and auctioned.

Link to Strategic Plan **3 - Infrastructure Objective B**
This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.

Project # 1014
Priority 2 - Essential
Category Equipment
Useful Life 20-24 years
Origination Replacement
User Department Public Works
Lead Department Public Works
Impact Operations? Yes
Current Budget \$ \$0
Year Submitted 2017
Design Work N/A
Project Work 2027
Reoccurrence >2039

Last Deferred N/A
Last Incurred 2008
Prior Cost \$ \$40,770
Current Asset # 08S300
Source of Funds General
Budget Code 615-36001
Account 55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 60,000	\$ -	\$ -	\$ 60,000	\$ -	\$ 60,000





Bobcat Skid Loader S770

Location Village Fleet

Issue Skid loaders are used on a daily basis for a wide range of applications, Stump grinding, blacktop grinding, concrete breakers, fork lifts. The skid loader will be beyond it's useful life.

Solution Purchase replacement skid loader. Existing loader will be removed from the fleet and auctioned.

Link to Strategic Plan **3 - Infrastructure Objective B**
 This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.

Project # 1023
 Priority 2 - Essential
 Category Equipment
 Useful Life 20-24 years
 Origination Replacement
 User Department Public Works
 Lead Department Public Works
 Impact Operations? Yes
 Current Budget \$ \$0
 Year Submitted 2017
 Design Work N/A
 Project Work **2037**
 Reoccurrence >2039
 Last Deferred N/A
 Last Incurred 2016
 Prior Cost \$ \$58,198
 Current Asset # 16BS770
 Source of Funds General
 Budget Code 615-36001
 Account 55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 75,000	\$ 75,000	\$ -	\$ 75,000





Chipper

Location Village Fleet

Issue Chipper will be beyond its useful life.

Solution Purchase new Chipper. Existing Chipper will be removed from the fleet and auctioned.

Link to Strategic Plan **3 - Infrastructure** **Objective B**
 This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.

Project #	1015
Priority	3 - Deferrable
Category	Equipment
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2021
Reoccurrence	-
Last Deferred	N/A
Last Incurred	2000
Prior Cost \$	\$31,893
Current Asset #	01CHIP
Source of Funds	General
Budget Code	615-36001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 60,000		\$ -	\$ -	\$ 60,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000





Community Room Equipment

Location 200 Mohawk - Police Station

Issue The Community Room tables and chairs are approaching the end of useful life. As the emergency operations center for the Village, electronic equipment will also need to be reviewed and replaced.

Solution The tables and chairs should be replaced.

Link to Strategic Plan **3 - Infrastructure Objective G**
 This project links directly to the strategic objective of addressing a facility maintenance plan.

Project # 1016
 Priority 2 - Essential
 Category Equipment
 Useful Life 15-19 years
 Origination Replacement
 User Department Police
 Lead Department Police
 Impact Operations? No
 Current Budget \$ \$0
 Year Submitted 2017
 Design Work **2020**
 Project Work **2020**
 Reoccurrence 2035
 Last Deferred N/A
 Last Incurred N/A
 Prior Cost \$ \$0
 Current Asset # N/A
 Source of Funds General
 Budget Code 615-24-001
 Account 55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 25,000	\$ 25,000	\$ 20,000	\$ 45,000





Dispatch Console Replacement

Location 200 Mohawk - Police Station

Issue The Police/Fire dispatch consoles are 20 years old and beyond their useful life.

Solution The dispatch consoles should be replaced.

Link to Strategic Plan **4 - Service Sustainability** **Objective E**
 This project links directly to the strategic objective of technology updates.

Project #	1017
Priority	2 - Essential
Category	Equipment
Useful Life	20-24 years
Origination	Replacement
User Department	Police
Lead Department	Technology
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2018
Design Work	2022
Project Work	2022
Reoccurrence	-
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	\$0
Current Asset #	N/A
Source of Funds	General
Budget Code	615-24-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 750,000		\$ -	\$ 750,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000





Extrication Equipment

Location Engine 322 Located at Fire Station 2

Issue The useful life of extrication equipment is approximately 15 years. The equipment on E322 was purchased in 2000 and has reached an end of useful life. It is important to maintain high quality updated equipment that can handle the complex vehicles of the past, present, and future.

Solution Replace one set of gas-powered extraction equipment in the year 2023. The frontline set being replaced on E322 would be moved to the reserve engine and the set on the reserve would be placed out of service.

Link to Strategic Plan **4 - Service Sustainability** **Objective A**
Establish a service sustainability plan.

Project #	1115
Priority	2 - Essential
Category	Equipment
Useful Life	15-19 years
Origination	Replacement
User Department	Fire
Lead Department	Fire
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2018
Design Work	N/A
Project Work	2023
Reoccurrence	N/A
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$23,000
Current Asset #	N/A
Source of Funds	General & Fire Dist.
Budget Code	615-25-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ 31,500	\$ -	\$ 31,500
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 35,000	\$ -	\$ 35,000	\$ 31,500	\$ 66,500





Fuel Island Replacement

Location Public Works

Issue The Village operates one central refueling station at the Public Works facility. The fueling system is original from 1997 and will be beyond it's expected useful life by 2027.

Solution Replace and upgrade fuel dispensing ang monitoring system

Link to Strategic Plan **3 - Infrastructure** **Objective D**
This equipment links directly to the strategic objective of fixed asset replacement and maintenance.

Project #	1116
Priority	3 - Deferrable
Category	Equipment
Useful Life	> 25 years
Origination	New
User Department	All Departments
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2018
Design Work	N/A
Project Work	2027
Reoccurrence	-
Last Deferred	N/A
Last Incurred	1997
Prior Cost \$	N/A
Current Asset #	N/A
Source of Funds	General
Budget Code	615-36-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 150,000	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000





Life Pak Monitor/Defibrillator

Location Fire Department

Issue The Fire Department will need to replace monitor/defibrillators on a regular basis once they reach the end of their useful service life. For planning purposes, the manufacturer recommends an expected service life of 8 years. Useful life is estimated at 10 years.

Solution Purchase new monitor/defibrillators on a schedule which will anticipate needs based on current models' ages and conditions. These purchases will be a shared cost with the Fire District. The replacement schedule is one (1) unit a year starting in 2021.

Link to Strategic Plan **4 - Service Sustainability Objective A**
Establish a service sustainability plan.

Project #	1020
Priority	1 - Mandatory
Category	Equipment
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Fire
Impact Operations?	No
Current Budget \$	\$25,000
Year Submitted	2018
Design Work	N/A
Project Work	2018
Reoccurrence	2022
Last Deferred	N/A
Last Incurred	2017
Prior Cost \$	\$23,000
Current Asset #	N/A
Source of Funds	General & Fire Dist.
Budget Code	615-25-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 29,700	\$ 30,600	\$ 31,510	\$ 32,460	\$ 124,270
Long Term		2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 72,070	\$ 163,420	\$ 147,340	\$ 382,830	\$ 124,270	\$ 507,100





Loader

Location Village Fleet

Issue The loader is the only heavy duty front end loader in the fleet and is critical to snow removal operations. The loader is capable in operating as a snow plow and fork lift. The loader will be beyond its useful life.

Solution Purchase replacement Loader. Existing loader will be removed from the fleet and auctioned.

Link to Strategic Plan **3 - Infrastructure Objective B**
This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.

Project #	1021
Priority	2 - Essential
Category	Equipment
Useful Life	> 25 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2022
Reoccurrence	-
Last Deferred	N/A
Last Incurred	1995
Prior Cost \$	N/A
Current Asset #	96loader
Source of Funds	General
Budget Code	615-36-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 195,000		\$ -	\$ 195,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 195,000	\$ 195,000





Mobile Truck Lifts

Location Community Services Facility 505 Telser Rd

Issue Two sets of four Mobile truck lifts used to maintain the heavy duty vehicle fleet has a life expectancy of 30 years, originally purchased in 1997 and 1999.

Solution Replace out-dated mobile truck lifts, two per year for two years.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This equipment links directly to the strategic objective of fixed asset replacement and maintenance.

Project #	1117
Priority	2 - Essential
Category	Equipment
Useful Life	> 25 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2018
Design Work	N/A
Project Work	2028
Reoccurrence	2030
Last Deferred	N/A
Last Incurred	-
Prior Cost \$	N/A
Current Asset #	N/A
Source of Funds	General
Budget Code	615-36-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 40,000	\$ 44,000	\$ -	\$ 84,000	\$ -	\$ 84,000





Self-Contained Breathing Apparatus

Location Fire Department

Issue Our current Self Contained Breathing Apparatus (SCBA) were purchased and put in service in 2006. They are 13 years old and have a useful lifespan of 15 years. Our current SCBA's do not meet the requirement of NFPA 1852 - 2013 edition and will have increased maintenance costs as they get older.

Solution Plan for purchasing forty-four (44) new SCBA units at approximately \$7,600 each in 2021. We will apply for an Assistance to Firefighters Grant (AFG) to offset the cost of this replacement. An additional fifteen (15) facemasks will be ordered to outfit all personnel with a mask, totaling \$7,500.

Link to Strategic Plan **4 - Service Sustainability Objective A**
Establish a service sustainability plan.

Project #	1022
Priority	1 - Mandatory
Category	Equipment
Useful Life	15-19 years
Origination	Replacement
User Department	Fire
Lead Department	Fire
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2021
Reoccurrence	2036
Last Deferred	N/A
Last Incurred	2006
Prior Cost \$	\$250,000
Current Asset #	N/A
Source of Funds	General & Fire Dist.
Budget Code	615-25-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 341,900		\$ -	\$ -	\$ 341,900
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 400,000	\$ 400,000	\$ 341,900	\$ 741,900





SCBA Compressor/Fill Station

Location Fire Department

Issue The current SCBA compressor was placed in service in 2006 and will reach an end of useful life requiring replacement. Currently, Station 1 is the only station that has a filling station, serving all four village/district stations.

Solution Replacement with a new compressor/fill station is required.

Link to Strategic Plan **4 - Service Sustainability Objective A**
Establish a service sustainability plan.

Project #	1118
Priority	1 - Mandatory
Category	Equipment
Useful Life	15-19 years
Origination	Replacement
User Department	Fire
Lead Department	Fire
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2018
Design Work	N/A
Project Work	2021
Reoccurrence	2036
Last Deferred	N/A
Last Incurred	2006
Prior Cost \$	\$32,000
Current Asset #	N/A
Source of Funds	General & Fire Dist.
Budget Code	615-25-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 85,000	\$ 85,000	\$ 65,000	\$ 150,000





Starcom Portable Radios - Fire

Location Fire Department

Issue The Fire Dept. migrated to the State-Wide Starcom radio network in 2015 and purchased 23 portable & 21 mobile radios for front line units through a grant. The life expectancy is 7 - 9 years. In 2019, 25 additional portable & 2 mobile radios were purchased.

Solution Equipment life is 7 to 9 years. 23 portable radios will need to be replaced in 2023 and 25 in 2027. Mobile radios will be replaced as the vehicle is replaced or as they become unserviceable after 10 to 12 years. They are not included in future costs

Link to Strategic Plan **4 - Service Sustainability Objective E**
Develop a technology update plan.

Project #	1024
Priority	2 - Essential
Category	Equipment
Useful Life	5-9 years
Origination	Replacement
User Department	Fire
Lead Department	Technology
Impact Operations?	Yes
Current Budget \$	\$25,000
Year Submitted	2017
Design Work	-
Project Work	2023
Reoccurrence	2027 2031 2035
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$480,000
Current Asset #	N/A
Source of Funds	General & Fire Dist.
Budget Code	615-25-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ 173,000	\$ -	\$ 173,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 188,000	\$ 180,000	\$ 195,000	\$ 563,000	\$ 173,000	\$ 736,000





Starcom Portable Radios - Police

Location Police Department

Issue The Police Dept. migrated to the State-Wide Starcom radio network in 2015 and purchased 25 radios. In 2016 & 2017 an additional 5 radios were purchased for a total inventory of 35 units. The life expectancy of the radios is 7 to 9 years.

Solution Develop a replacement schedule for P25 radios.

Link to Strategic Plan **4 - Service Sustainability Objective E**
Develop a technology update plan.

Project #	1025
Priority	2 - Essential
Category	Equipment
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Technology
Impact Operations?	Yes
Current Budget \$	\$25,000
Year Submitted	2017
Design Work	-
Project Work	2023
Reoccurrence	2024 2025 2026 2032 2033 2034
Last Deferred	N/A
Last Incurred	2017
Prior Cost \$	\$182,000
Current Asset #	N/A
Source of Funds	General
Budget Code	615-24-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ 125,000	\$ 25,000	\$ 150,000
Long Term		2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
			\$ 165,000	\$ 170,000	\$ 335,000	\$ 150,000	\$ 485,000





Station Alerting System

Location Fire Station 1

Issue The current system is a blend of various systems and parts that have been pieced together over the last 25+ years. With the modern alerting technology available today, a decrease in response times can be expected.

Solution The Lake County Emergency Telephone System Board (ETSB) is partnering with area fire departments and will purchase the base server and alerting component. Each participating department will be responsible for equipment placed in their respective stations. The fire department will partner with the ETSB to take advantage to this technology.

Link to Strategic Plan **3 - Infrastructure** **Objective C**
 This project will link to utilizing the existing facilities to increase efficiencies. It is also estimated to lower response times (ICMA study).

Project #	1026
Priority	2 - Essential
Category	Equipment
Useful Life	15-19 years
Origination	Replacement
User Department	Fire
Lead Department	Fire
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2015
Design Work	N/A
Project Work	2037
Reoccurrence	N/A
Last Deferred	N/A
Last Incurred	2018
Prior Cost \$	\$60,000
Current Asset #	N/A
Source of Funds	General
Budget Code	615-25-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 60,000	\$ 60,000	\$ -	\$ 60,000





Televising Camera

Location Village Wide

Issue The existing televising camera will be beyond its useful life. The televising of our existing infrastructure is crucial in determining the condition and possibility for failure of sewer and stormwater pipe.

Solution Purchase new sewer televising camera. Existing unit will be removed from inventory and auctioned.

Link to Strategic Plan **3 - Infrastructure** **Objective B**
This links directly to the strategic objective of fixed asset replacement and maintenance.

Project #	1119
Priority	3 - Deferrable
Category	Equipment
Useful Life	5-9 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2018
Design Work	N/A
Project Work	2020
Reoccurrence	2028
Last Deferred	N/A
Last Incurred	2012
Prior Cost \$	\$44,000
Current Asset #	N/A
Source of Funds	General
Budget Code	615-36-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000
Long Term		2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 105,000		\$ -	\$ 105,000	\$ 105,000	\$ 210,000





Track Loader Replacement

Location Village Fleet

Issue Track loader is used on a nearly daily basis in parks and side walk snow removal. Track Loader will be beyond its useful life.

Solution Purchase new Track Loader. Existing loader will be removed from the fleet and auctioned.

Link to Strategic Plan **3 - Infrastructure** **Objective B**
 This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.

Project #	1027
Priority	2 - Essential
Category	Equipment
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2035
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2015
Prior Cost \$	\$51,055
Current Asset #	15T450
Source of Funds	General
Budget Code	615-36-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ -	\$ -	\$ 70,000	\$ 70,000	\$ -	\$ 70,000	





Track Loader - New

Location Village Fleet

Issue Additional track loader with snow blower and snow plow primarily for sidewalk snow removal and park maintenance.

Solution Purchase new track loader, adding to equipment fleet. Staff is evaluating equipment options to determine if this purchase could eliminate the replacement of the kubota tractor scheduled for 2020 as well.

Link to Strategic Plan **3 - Infrastructure** **Objective B**
 This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.

Project # 1120
Priority 3 - Deferrable
Category Equipment
Useful Life 20-24 years
Origination New
User Department Public Works
Lead Department Public Works
Impact Operations? Yes
Current Budget \$ \$0
Year Submitted 2019
Design Work N/A
Project Work **2020**
Reoccurrence >2039
Last Deferred N/A
Last Incurred -
Prior Cost \$ \$0
Current Asset # N/A
Source of Funds General
Budget Code 615-36001
Account 55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000





Warning Sirens - EMA

Location Six - (6) locations throughout the Village

Issue The village is protected by six (6) outdoor warning sirens that are located throughout the Village. The life expectancy is 30-years for each site. The current age of the sirens ranges from ten – twenty-two (10-22) years.

Solution Create a replacement schedule based on the life expectancy of the individual sites. Each site is estimated at \$23,000 in 2019 costs figures.

Link to Strategic Plan **3 - Infrastructure** **Objective H**
Identify & resolve outstanding concerns with Village-owned properties.

Project #	1121
Priority	2 - Essential
Category	Equipment
Useful Life	> 25 years
Origination	Replacement
User Department	Fire
Lead Department	Fire
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2019
Design Work	2027
Project Work	2027
Reoccurrence	-
Last Deferred	N/A
Last Incurred	2009
Prior Cost \$	N/A
Current Asset #	N/A
Source of Funds	General
Budget Code	615-25-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 92,000	\$ 23,000	\$ 23,000	\$ 138,000	\$ -	\$ 138,000





Promenade Outfall Reconstruction

Location Lake Zurich Promenade

Issue The current design of the outfall does not include valves to isolate inbound pipes. Mandatory cleaning required to reduce sediment discarded into the lake cannot be performed.

Solution Design and construct a system which allows maintenance to be performed regardless of current lake levels

Link to Strategic Plan **3 - Infrastructure** **Objective D**
This project links directly to the strategic objective of addressing stormwater management issues

Project # 1030
Priority 1 - Mandatory
Category Infrastructure
Useful Life > 25 years
Origination New
User Department Public Works
Lead Department Public Works
Impact Operations? Yes
Current Budget \$ \$0
Year Submitted 2019
Design Work **2020**
Project Work **2021**
Reoccurrence >2039
Last Deferred N/A
Last Incurred N/A
Prior Cost \$ \$ -
Current Asset # N/A
Source of Funds General
Budget Code 401-36-001
Account 55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 17,500	\$ 175,000	\$ -	\$ -	\$ -	\$ 192,500
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 192,500	\$ 192,500





Storm Sewer Improve. - Pine Tree

Location Pine Tree Row

Issue Existing pipe has major root infiltration which impedes flow and requires significant maintenance. Current conditions require routine maintenance to temporarily alleviate flooding risk.

Solution Design and construct a system to ensure proper flow levels are achieved.

Link to Strategic Plan **3 - Infrastructure** **Objective D**
This project links directly to the strategic objective of addressing stormwater management issues

Project # 1028
Priority 2 - Essential
Category Infrastructure
Useful Life > 25 years
Origination Major Maintenance
User Department Public Works
Lead Department Public Works
Impact Operations? Yes
Current Budget \$ \$0
Year Submitted 2019
Design Work **2021**
Project Work **2021**
Reoccurrence >2039
Last Deferred N/A
Last Incurred N/A
Prior Cost \$ \$ -
Current Asset # N/A
Source of Funds General
Budget Code 401-36-001
Account 55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 700,000	\$ -	\$ -	\$ -	\$ 700,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 700,000





Basketball Courts Resurfacing

Location Bristol Trail, Oak Ridge and Staples Park

Issue The asphalt basketball court facilities at Bristol Trails Park, Oak Ridge Park and Staples Park need to be inspected, resurfaced and repainted every 10/15 years.

Solution Inspect annual and re-surfacing when necessary.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
This project is to be part of a formalized municipal facility maintenance plan.

Project #	1122
Priority	3 - Deferrable
Category	Land Improve.
Useful Life	10-14 years
Origination	New
User Department	Park & Recreation
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2019
Design Work	N/A
Project Work	2023
Reoccurrence	2037
Last Deferred	N/A
Last Incurred	
Prior Cost \$	
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ 62,500	\$ -	\$ 62,500
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 62,500	\$ 62,500	\$ 62,500	\$ 125,000





Parking Lot And Path Replacements

Location Village Wide

Issue The Village owns and has the responsibility to maintain parking facilities and walking paths. The Village must adequately budget for the long term maintenance and replacement of these facilities. Total square footage of Village owned parking lots and paths is 727,000 square feet.

Solution Remove and replace the existing lots and paths. Project will include necessary storm water improvements to insure maximum lifespan of new surface.

Link to Strategic Plan **3 - Infrastructure Objective G**
 This project links indirectly to the strategic objective of Preparing a Formalized Municipal Facility Maintenance Plan.

Project # 1033
 Priority 2 - Essential
 Category Land Improvement
 Useful Life 15-19 years
 Origination Major Maintenance
 User Department All Depts.
 Lead Department Public Works
 Impact Operations? No
 Current Budget \$ \$0
 Year Submitted 2016
 Design Work **Annual**
 Project Work **Annual**
 Reoccurrence Annual
 Last Deferred N/A
 Last Incurred 2019
 Prior Cost \$ Annual
 Current Asset # N/A
 Source of Funds General
 Budget Code 401-36-001
 Account 55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 460,000	\$ 335,000	\$ 476,000	\$ 130,000	\$ 45,000	\$ 1,446,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 320,000	\$ 700,000	\$ 1,700,000	\$2,720,000	\$ 1,446,000	\$ 4,166,000





Playground Renovation Plan

Location Park Playgrounds throughout the Village of Lake Zurich

Issue The Village maintains 22 playgrounds and 10 Wibit inflatable beach structures. The designed life expectancy for playgrounds is approx. 20 years & approx. 4-6 years for Wibits.

Solution Replace one playground per year over the next 20 years and Wibits to be replaced every 4 years. Two playgrounds will be removed from inventory at the end of their life cycle. Separate playground renovation replacement schedule will be maintained with updates after each condition assessment.

Link to Strategic Plan

3 - Infrastructure	Objective G
This project is to be part of a formalized municipal facility maintenance plan.	

Project #	1034
Priority	2 - Essential
Category	Land Improve.
Useful Life	20-24 years
Origination	Replacement
User Department	Park & Recreation
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$50,000
Year Submitted	2015
Design Work	N/A
Project Work	Annual
Reoccurrence	Annual
Last Deferred	N/A
Last Incurred	2017
Prior Cost \$	\$62,974
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 250,000	\$ 250,000	\$ 450,000	\$ 950,000	\$ 250,000	\$ 1,200,000	





Shoreline Stabilization - Paulus Park

Location Paulus Park Shoreline south of Beach

Issue Areas along the shoreline suffer from repeated flood events and low water quality, erosion and potential property loss. These issues are often exacerbated by debris, bank instability, and invasive species.

Solution Stabilize and protect the shoreline to prohibit future erosion and loss of municipal property. Grant opportunities will be pursued to help offset costs where possible.

Link to Strategic Plan **3 - Infrastructure** **Objective D**
 This project links directly to the strategic objective of addressing stormwater management issues.

Project # 1035
 Priority 3 - Deferrable
 Category Land Improvement
 Useful Life 15-19 years
 Origination Major Maintenance
 User Department Public Works
 Lead Department Public Works
 Impact Operations? Yes
 Current Budget \$ \$0
 Year Submitted 2016
 Design Work **2020**
 Project Work **2021**
 Reoccurrence **2022**
 Last Deferred 2016
 Last Incurred N/A
 Prior Cost \$ N/A
 Current Asset # N/A
 Source of Funds General & Grant(s)
 Budget Code 401-36-470
 Account 55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 160,000	\$ 110,000	\$ -		\$ 270,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 270,000	\$ 270,000





Sprayground Replacement

Location Henry J. Paulus Park

Issue The current sprayground is a well-utilized feature in Paulus Park. Both the surface material and the equipment will need to be replaced when maintenance is no longer an option and before safety becomes a concern. The anticipated lifespan of the the sprayground surface is 18-20 years.

Solution Resurface/replace existing sprayground equipment and surface material to meet all safety standards.

Link to Strategic Plan

3 - Infrastructure	Objective G
This project is to be part of a formalized municipal facility maintenance plan.	

Project #	1036
Priority	3 - Deferrable
Category	Land Improve.
Useful Life	20-24 years
Origination	Major Maintenance
User Department	Park & Recreation
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2027
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2007
Prior Cost \$	\$226,460
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 300,000	\$ -	\$ -	\$ 300,000	\$ -	\$ 300,000





Stream Bank Stabilization Buffalo Creek

Location Buffalo Creek from South Old Rand To Quentin Road

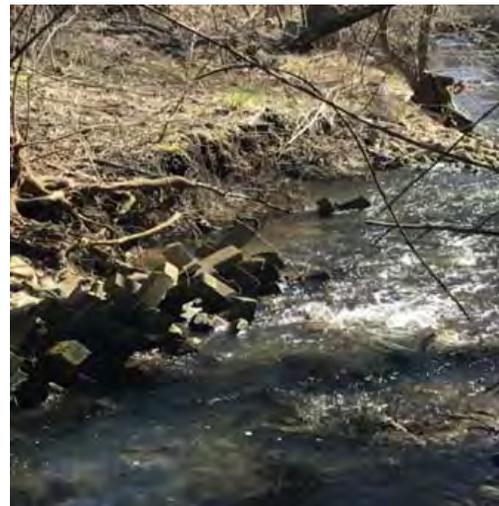
Issue Areas along Buffalo Creek suffer from repeated flood events and low water quality, erosion and potential loss of property. These issues are often exacerbated by debris, bank instability, and invasive species.

Solution Stabilize and protect streambank shoelines to prohibit future erosion and loss of municipal and private property. Project also includes removal of the Chestnut Corners flow control structure. Grant funding will be pursued and utilized if available.

Link to Strategic Plan **3 - Infrastructure** **Objective D**
This project links directly to the strategic objective of addressing stormwater management issues.

Project # 1037
Priority 3 - Deferrable
Category Land Improvement
Useful Life 20-24 years
Origination Major Maintenance
User Department Public Works
Lead Department Public Works
Impact Operations? Yes
Current Budget \$ \$0
Year Submitted 2016
Design Work **2022**
Project Work **2023**
Reoccurrence 2024 - 2026
Last Deferred 2016
Last Incurred N/A
Prior Cost \$ N/A
Current Asset # N/A
Source of Funds General & Grant(s)
Budget Code 401-36-470
Account 55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 20,000	\$ 365,000	\$ 437,000	\$ 822,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 670,000	\$ -	\$ -	\$ 670,000	\$ 822,000	\$ 1,492,000





Stream Bank Stabilization - Flint Creek

Location Flint Creek From Seth Paine School To Manor Park

Issue Areas along Flint Creek suffer from repeated flood events and low water quality, erosion and potential property loss. These issues are often exacerbated by debris, bank instability, and invasive species.

Solution Stabilize and protect streambank shoelines to prohibit future erosion and loss of municipal and private property. The Village is currently holding \$215,000 in escrow towards this project completion.

Link to Strategic Plan **3 - Infrastructure** **Objective D**
This project links directly to the strategic objective of addressing stormwater management issues.

Project # 1038
Priority 3 - Deferrable
Category Land Improvement
Useful Life 20-24 years
Origination Major Maintenance
User Department Public Works
Lead Department Public Works
Impact Operations? Yes
Current Budget \$ \$0
Year Submitted 2016
Design Work **2019**
Project Work **2020**
Reoccurrence >2039

Last Deferred 2016
Last Incurred N/A
Prior Cost \$ N/A
Current Asset # N/A
Source of Funds General
Budget Code 401-36-470
Account 55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 490,000	\$ -	\$ -	\$ -	\$ -	\$ 490,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 490,000	\$ 490,000





Tennis Courts Resurfacing

Location Sonoma and Staples

Issue The anticipated lifespan of the asphalt tennis court facilities at Sonoma Park, Staples Park, and Heatherleigh needs to be resurfaced 15/19 years.

Solution Inspect annually and resurface when necessary.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project is to be part of a formalized municipal facility maintenance plan.

Project #	1039
Priority	2 - Essential
Category	Land Improve.
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Park & Recreation
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	2020
Project Work	2020
Reoccurrence	2037
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$39,000
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ 42,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 72,000	\$ -	\$ 72,000	\$ 144,000	\$ 42,000	\$ 186,000





Tree Replacement Program

Location Village Wide

Issue Due to an infestation from the Emerald Ash Borer, approximately 3,300 Village owned trees were removed. Once the damaged trees are replaced, the Village will annual assess the need for additional new tree plantings.

Solution Replace all trees in chronological order of removal, followed by annual assessment of tree replacement needs.

Link to Strategic Plan **3 - Infrastructure** **Objective I**
 This project links directly to the strategic objective of addressing the Emerald Ash Borer issue.

Project #	1040
Priority	2 - Essential
Category	Land Improvement
Useful Life	> 25 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$50,000
Year Submitted	2015
Design Work	N/A
Project Work	Annual
Reoccurrence	Annual
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$50,000
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 130,000	\$ 100,000	\$ 100,000	\$ 330,000	\$ 250,000	\$ 580,000





CCTV - Police

Location	Police Department
Issue	The CCTV system was installed in 2004 and uses analog cameras. Images are unclear and the system has hardware and cable failures regularly. Replay of recordings is a challenge at best.
Solution	Integrate with Genetec access control and interview room recording system
Link to Strategic Plan	<p>4 - Service Sustainability Objective E</p> <hr/> <p>Develop a technology update plan.</p>

Project #	1123
Priority	3 - Deferrable
Category	Technology
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Technology
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2019
Design Work	2020
Project Work	2020
Reoccurrence	2032
Last Deferred	N/A
Last Incurred	2004
Prior Cost \$	N/A
Current Asset #	N/A
Source of Funds	General
Budget Code	615-10-001
Account	55255 - Tech.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 175,000	\$ -	\$ 175,000	\$ 150,000	\$ 325,000





E-Citation Program

Location 200 Mohawk - Police Station

Issue The State of Illinois permits the use of electronic citations for traffic violations. The Lake County Circuit Clerk supports agencies that wish to migrate to a new system.

Solution Obtain the hardware and software to connect to the County E-Citation system.

Link to Strategic Plan **4 - Service Sustainability Objective B**
Moving to an E-Citation system will increase efficiency and effectiveness.

Project # 1041
Priority 3 - Deferrable
Category Technology
Useful Life 5-9 years
Origination New
User Department Police
Lead Department Technology
Impact Operations? Yes
Current Budget \$ \$0
Year Submitted 2017
Design Work 2020
Project Work 2020
Reoccurrence -
Last Deferred N/A
Last Incurred N/A
Prior Cost \$ \$0
Current Asset # N/A
Source of Funds General
Budget Code 615-10-001
Account 55255 - Tech.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ 70,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 70,000





Financial ERP System

Location	Village Buildings
Issue	Enterprise Resource Planning (ERP) software is used for recording and reporting financial transactions such as general accountings, accounts payable, invoicing, water billing, and other necessary functions. Having a reliable, efficient system is critical to protecting the integrity of the data used internally and externally for our customers.
Solution	Continue to cover maintenance costs for the life of the software through 2033, about \$30k per year through 2032. Evaluate replacement options at end of agreement.
Link to Strategic Plan	<p>4 - Service Sustainability Objective E</p> <hr/> <p>Develop a technology update plan</p>

Project #	1042
Priority	2 - Essential
Category	Technology
Useful Life	15-19 years
Origination	Replacement
User Department	Administration
Lead Department	Technology
Impact Operations?	Yes
Current Budget \$	\$50,000
Year Submitted	2017
Design Work	2032
Project Work	2033
Reoccurrence	2019 - 2032 2033 - >2039
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$300,000
Current Asset #	N/A
Source of Funds	General
Budget Code	615-10-001
Account	55255 - Tech.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 23,000	\$ 23,690	\$ 24,400	\$ 25,130	\$ 25,900	\$ 122,120
Long Term		2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 142,000	\$ 165,000	\$ 425,000	\$ 732,000	\$ 122,120	\$ 854,120





Notebooks - EOC/Training

Location	Police Department
Issue	There are 10 notebook/laptop computers and 3 training computers that are used for training and EOC purposes. Most recently replacement occurred in 2019.
Solution	Replace 13 notebooks as necessary to ensure Emergency Operations Center can function properly, as well as facilitate training opportunities.
Link to Strategic Plan	<p>4 - Service Sustainability Objective E</p> <hr/> <p>Develop a technology update plan.</p>

Project #	1124
Priority	2 - Essential
Category	Technology
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Technology
Impact Operations?	No
Current Budget \$	\$16,800
Year Submitted	2019
Design Work	2026
Project Work	2026
Reoccurrence	2032 2037
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$17,000
Current Asset #	N/A
Source of Funds	General
Budget Code	615-10-001
Account	55255 - Tech.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 22,000	\$ 23,000	\$ 23,000	\$ 68,000	\$ -	\$ 68,000





Phone System

Location	Village Buildings
Issue	The VoIP telephone system was purchased in 2010 and will be obsolete in 2022
Solution	Wholesale replacement with then current technology
Link to Strategic Plan	<p>4 - Service Sustainability Objective E</p> <hr/> <p>Develop a technology update plan.</p>

Project #	1043
Priority	2 - Essential
Category	Technology
Useful Life	10-14 years
Origination	Replacement
User Department	All Departments
Lead Department	Technology
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2022
Reoccurrence	2035
Last Deferred	N/A
Last Incurred	2010
Prior Cost \$	\$125,000
Current Asset #	N/A
Source of Funds	General
Budget Code	615-10-001
Account	55255 - Tech.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 155,000	\$ -	\$ -	\$ 155,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 165,000	\$ 165,000	\$ 155,000	\$ 320,000





Servers - Application and File

Location	Village Buildings
Issue	Servers have an expected service life of 5 to 6 years and require replacement thereafter.
Solution	Replace servers with current technology.
Link to Strategic Plan	<p>4 - Service Sustainability Objective E</p> <hr/> <p>Develop a technology update plan.</p>

Project #	1044
Priority	2 - Essential
Category	Technology
Useful Life	5-9 years
Origination	Replacement
User Department	Technology
Lead Department	Technology
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2020
Reoccurrence	2021 2025 2030 2036
Last Deferred	N/A
Last Incurred	2018
Prior Cost \$	\$14,500
Current Asset #	N/A
Source of Funds	General
Budget Code	615-10-001
Account	55255 - Tech.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 16,500	\$ 9,000	\$ -	\$ -	\$ -	\$ 25,500
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 25,500	\$ 27,000	\$ 28,000	\$ 80,500	\$ 25,500	\$ 106,000





Storage Array for Digital Data

Location	Police Department
Issue	The storage array primarily hosts video footage collected from mobile cameras and other digital evidence collected by the Police Dept. The array was purchased in 2016, additional storage was added in late 2018.
Solution	The lifetime of the array is 5 to 9 years. The array will need to be replaced with an on-premises or cloud hosted solution
Link to Strategic Plan	<p>4 - Service Sustainability Objective E</p> <hr/> <p>Develop a technology update plan.</p>

Project #	1045
Priority	2 - Essential
Category	Technology
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Technology
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2017
Design Work	2021
Project Work	2022
Reoccurrence	2029 2035 >2039
Last Deferred	N/A
Last Incurred	2018
Prior Cost \$	\$49,000
Current Asset #	N/A
Source of Funds	General
Budget Code	615-10-001
Account	55255 - Tech.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 59,000	\$ -	\$ -	\$ 59,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 60,000	\$ 63,000	\$ -	\$ 123,000	\$ 59,000	\$ 182,000





Video Camera System - Squads

Location	Police Department
Issue	Squad video camera system was purchased and installed in 2016. The lifespan of the system is 5 to 9 years
Solution	Replacement of units in 2024
Link to Strategic Plan	<p>4 - Service Sustainability Objective E</p> <hr/> <p>Develop a technology update plan.</p>

Project #	1019
Priority	2 - Essential
Category	Technology
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Technology
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2020
Design Work	2024
Project Work	2024
Reoccurrence	2032
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$110,000
Current Asset #	N/A
Source of Funds	General
Budget Code	615-10-001
Account	55255 - Tech.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
Long Term		2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 130,000	\$ -	\$ 130,000	\$ 120,000	\$ 250,000





Administration Vehicle #120

Location	Entire Village
Issue	Police vehicle will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1126
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	-
Project Work	2027
Reoccurrence	2037 - 2039
Last Deferred	N/A
Last Incurred	2017
Prior Cost \$	\$19,215
Current Asset #	170120
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 33,000	\$ 33,000	\$ -	\$ 33,000





Administrative Vehicle #290

Location	Village Fleet
Issue	Fire admin car will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1049
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	
Year Submitted	2019
Design Work	N/A
Project Work	2029
Reoccurrence	>2039
Last Deferred	-
Last Incurred	2018
Prior Cost \$	\$38,508
Current Asset #	180290
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 43,000	\$ -	\$ -	\$ 43,000	\$ -	\$ 43,000	





Administrative Vehicle #292

Location	Village Fleet
Issue	Fire administrative vehicle will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1050
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2020
Reoccurrence	2031
Last Deferred	N/A
Last Incurred	2009
Prior Cost \$	\$22,520
Current Asset #	100292
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ 48,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 55,000	\$ -	\$ 55,000	\$ 48,000	\$ 103,000





Administration Vehicle #293

Location	Village Fleet
Issue	Fire administrative car will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1051
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2027
Reoccurrence	2037
Last Deferred	N/A
Last Incurred	2017
Prior Cost \$	\$29,629
Current Asset #	170293
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 43,000	\$ -	\$ 45,000	\$ 88,000	\$ -	\$ 88,000	





Administration Vehicle #294

Location	Village Fleet
Issue	Fire administrative car will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1046
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2027
Reoccurrence	2037
Last Deferred	N/A
Last Incurred	2017
Prior Cost \$	\$19,257
Current Asset #	170294
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 33,000	\$ -	\$ 35,000	\$ 68,000	\$ -	\$ 68,000	





Ambulance #243

Location	Village Fleet
Issue	Ambulance will be beyond its useful life.
Solution	Purchase new ambulance. Existing vehicle will be converted to a sewer televising unit in Public works or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1053
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	2021
Project Work	2022
Reoccurrence	2037
Last Deferred	N/A
Last Incurred	2007
Prior Cost \$	\$160,072
Current Asset #	60243
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 275,000	\$ -	\$ -	\$ 275,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ 275,000	\$ 575,000	





Ambulance #246

Location	Village Fleet
Issue	Ambulance will be beyond its useful life.
Solution	Purchase new ambulance. Existing vehicle will be converted to a sewer televising unit in Public works or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1054
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	2030
Project Work	2031
Reoccurrence	-
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$210,806
Current Asset #	160246
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 300,000	\$ -	\$ 300,000	\$ -	\$ 300,000





Ambulance #247

Location	Village Fleet
Issue	Ambulance will be beyond its useful life.
Solution	Purchase new ambulance. Existing vehicle will be converted to a sewer televising unit in Public works or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1055
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	2027
Project Work	2028
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2013
Prior Cost \$	\$198,979
Current Asset #	130247
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 290,000	\$ -	\$ -	\$ 290,000	\$ -	\$ 290,000	





Ambulance #248

Location	Village Fleet
Issue	Ambulance will be beyond its useful life.
Solution	Purchase new ambulance. Existing vehicle will be converted to a sewer televising unit in Public works or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1052
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2019
Design Work	2032
Project Work	2033
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2018
Prior Cost \$	\$226,804
Current Asset #	180248
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ -	\$ 320,000	\$ -	\$ 320,000	\$ -	\$ 320,000	





Boat - Police

Location	Village Fleet
Issue	Boat will be beyond its useful life.
Solution	Purchase new Boat. Existing boat will be removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1056
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2027
Reoccurrence	2037
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$33,203
Current Asset #	16BPDBoat
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 40,000	\$ -	\$ 45,000	\$ 85,000	\$ -	\$ 85,000	





Brush Truck #270

Location	Village Fleet
Issue	Brush Truck will be beyond its useful life.
Solution	Purchase new brush truck. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1057
Priority	2 - Essential
Category	Vehicles
Useful Life	20-24 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2021
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2001
Prior Cost \$	\$24,024
Current Asset #	10295
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ 55,000





Bucket Truck #333

Location	Village Fleet
Issue	Bucket truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1058
Priority	2 - Essential
Category	Vehicles
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2023
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2003
Prior Cost \$	\$91,337
Current Asset #	30333
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000





Criminal Investigations Car #123

Location	Village Fleet
Issue	Police CID vehicle will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1060
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2026
Reoccurrence	2036
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$19,494
Current Asset #	16B0123
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 33,000	\$ -	\$ 35,000	\$ 68,000	\$ -	\$ 68,000	





Command Vehicle #291

Location	Village Fleet
Issue	Fire shift commander vehicle will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1062
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2020
Reoccurrence	2031 >2039
Last Deferred	N/A
Last Incurred	2007
Prior Cost \$	\$33,759
Current Asset #	70291
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 57,000	\$ -	\$ -	\$ -	\$ -	\$ 57,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 62,000	\$ -	\$ 62,000	\$ 57,000	\$ 119,000





Command Vehicle #297

Location	Village Fleet
Issue	Fire Shift commander unit will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1061
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2025
Reoccurrence	2035 >2039
Last Deferred	N/A
Last Incurred	2013
Prior Cost \$	\$32,596
Current Asset #	140297
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 60,000	\$ -	\$ -	\$ 60,000	\$ -	\$ 60,000





Dump Truck #321

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1063
Priority	2 - Essential
Category	Vehicles
Useful Life	15-19 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2022
Reoccurrence	2038
Last Deferred	N/A
Last Incurred	2004
Prior Cost \$	\$72,027
Current Asset #	50321
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 180,000	\$ -	\$ -	\$ 180,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 180,000	\$ 380,000





Dump Truck #322

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1064
Priority	2 - Essential
Category	Vehicles
Useful Life	15-19 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$170,000
Year Submitted	2017
Design Work	N/A
Project Work	2019
Reoccurrence	2037
Last Deferred	N/A
Last Incurred	2001
Prior Cost \$	\$66,670
Current Asset #	20322
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ -	\$ 200,000	





Dump Truck #323

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1065
Priority	2 - Essential
Category	Vehicles
Useful Life	15-19 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2020
Reoccurrence	2038
Last Deferred	N/A
Last Incurred	2003
Prior Cost \$	\$65,276
Current Asset #	30323
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 182,000	\$ -	\$ -	\$ -	\$ -	\$ 182,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 210,000	\$ 210,000	\$ 182,000	\$ 392,000





Dump Truck #324

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1066
Priority	2 - Essential
Category	Vehicles
Useful Life	15-19 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2028
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2011
Prior Cost \$	\$112,841
Current Asset #	110324
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 218,000	\$ -	\$ -	\$ 218,000	\$ -	\$ 218,000	





Dump Truck #325

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1067
Priority	2 - Essential
Category	Vehicles
Useful Life	15-19 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2027
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2010
Prior Cost \$	\$121,651
Current Asset #	100325
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 210,000	\$ -	\$ -	\$ 210,000	\$ -	\$ 210,000





Dump Truck #326

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1068
Priority	2 - Essential
Category	Vehicles
Useful Life	15-19 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2033
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2001
Prior Cost \$	\$183,828
Current Asset #	180326
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ -	\$ 260,000	\$ -	\$ 260,000	\$ -	\$ 260,000	





Dump Truck #327

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1069
Priority	2 - Essential
Category	Vehicles
Useful Life	15-19 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2021
Reoccurrence	2039
Last Deferred	N/A
Last Incurred	2004
Prior Cost \$	\$66,845
Current Asset #	40327
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 189,000	\$ -	\$ -	\$ -	\$ 189,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 220,000	\$ 220,000	\$ 189,000	\$ 409,000





Dump Truck #328

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1070
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2020
Reoccurrence	2032
Last Deferred	N/A
Last Incurred	2008
Prior Cost \$	\$65,775
Current Asset #	90328
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 115,000	\$ -	\$ 115,000	\$ 105,000	\$ 220,000





Dump Truck #330

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1071
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2024
Reoccurrence	2036
Last Deferred	N/A
Last Incurred	2014
Prior Cost \$	\$69,116
Current Asset #	140330
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ 110,000	\$ 110,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 120,000	\$ 120,000	\$ 110,000	\$ 230,000





Dump Truck #331

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1072
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2025
Reoccurrence	2037
Last Deferred	N/A
Last Incurred	2015
Prior Cost \$	\$64,433
Current Asset #	150331
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 110,000	\$ -	\$ 120,000	\$ 230,000	\$ -	\$ 230,000





Dump Truck #332

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1073
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2026
Reoccurrence	2038
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$83,369
Current Asset #	160332
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 110,000	\$ -	\$ -	\$ 110,000	\$ -	\$ 110,000





Dump Truck #334

Location	Village Fleet
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1074
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$105,000
Year Submitted	2017
Design Work	N/A
Project Work	2019
Reoccurrence	2031
Last Deferred	N/A
Last Incurred	2006
Prior Cost \$	\$46,188
Current Asset #	70334
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 115,000	\$ -	\$ 115,000	\$ -	\$ 115,000





Fire Engine #210

Location	Village Fleet
Issue	Fire engine will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1075
Priority	2 - Essential
Category	Vehicles
Useful Life	20-24 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	2036
Project Work	2037
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2017
Prior Cost \$	\$493,380
Current Asset #	960210
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ -	\$ -	\$ 900,000	\$ 900,000	\$ -	\$ 900,000	





Fire Engine #212

Location	Village Fleet
Issue	Fire engine will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1077
Priority	2 - Essential
Category	Vehicles
Useful Life	20-24 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	2022
Project Work	2023
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2003
Prior Cost \$	\$287,395
Current Asset #	30212
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ 700,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 700,000





Fire Engine #215

Location	Village Fleet
Issue	Fire engine will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1079
Priority	2 - Essential
Category	Vehicles
Useful Life	20-24 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	2032
Project Work	2033
Reoccurrence	-
Last Deferred	N/A
Last Incurred	2013
Prior Cost \$	\$411,500
Current Asset #	130215
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ -	\$ 800,000	





Kubota Tractor

Location	Village Fleet
Issue	30 year old, small front end loader/tractor used on a daily basis in the parks during warm weather months.
Solution	Replace with similar tractor. Old unit will be sold at auction.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1080
Priority	3 - Deferrable
Category	Equipment
Useful Life	> 25 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$26,000
Year Submitted	2017
Design Work	2020
Project Work	2020
Reoccurrence	>2039
Last Deferred	2017
Last Incurred	1988
Prior Cost \$	\$14,500
Current Asset #	8900K8
Source of Funds	General
Budget Code	615-36001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 26,000	\$ -	\$ -	\$ -	\$ -	\$ 26,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 26,000	\$ 26,000





Pickup Truck #295

Location	Village Fleet
Issue	Fire pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1081
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2026
Reoccurrence	2036
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$28,301
Current Asset #	160295
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000	





Pickup Truck #329

Location	Village Fleet
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1082
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2026
Reoccurrence	2036
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$24,904
Current Asset #	160329
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 45,000	\$ -	\$ 45,000	\$ 90,000	\$ -	\$ 90,000





Pickup Truck #335

Location	Village Fleet
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1083
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2022
Reoccurrence	2032
Last Deferred	N/A
Last Incurred	2012
Prior Cost \$	\$24,528
Current Asset #	120335
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 42,000	\$ -	\$ -	\$ 42,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 45,000	\$ -	\$ 45,000	\$ 42,000	\$ 87,000





Pickup Truck #336

Location	Village Fleet
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1084
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2024
Reoccurrence	2034
Last Deferred	N/A
Last Incurred	2014
Prior Cost \$	\$22,292
Current Asset #	140336
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ 44,000	\$ 44,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 46,000	\$ -	\$ 46,000	\$ 44,000	\$ 90,000





Pickup Truck #337

Location	Village Fleet
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1085
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2025
Reoccurrence	2035
Last Deferred	N/A
Last Incurred	2015
Prior Cost \$	\$28,194
Current Asset #	150337
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 45,000	\$ -	\$ 45,000	\$ 90,000	\$ -	\$ 90,000





Pickup Truck #338

Location	Village Fleet
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1086
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2022
Reoccurrence	2032 >2039
Last Deferred	N/A
Last Incurred	2012
Prior Cost \$	\$21,665
Current Asset #	120338
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 42,000	\$ -	\$ -	\$ 42,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 45,000	\$ -	\$ 45,000	\$ 42,000	\$ 87,000





Pickup Truck #339

Location	Village Fleet
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1087
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2022
Reoccurrence	2032
Last Deferred	N/A
Last Incurred	2012
Prior Cost \$	\$21,665
Current Asset #	120339
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 42,000	\$ -	\$ -	\$ 42,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 45,000	\$ -	\$ 45,000	\$ 42,000	\$ 87,000





Pickup Truck #341

Location	Village Fleet
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1088
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2025
Reoccurrence	2035
Last Deferred	N/A
Last Incurred	2014
Prior Cost \$	\$22,721
Current Asset #	150341
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 45,000	\$ -	\$ 45,000	\$ 90,000	\$ -	\$ 90,000	





Pickup Truck #342

Location	Village Fleet
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1089
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2021
Reoccurrence	2031
Last Deferred	N/A
Last Incurred	2001
Prior Cost \$	\$24,597
Current Asset #	20342
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 42,000	\$ -	\$ 42,000	\$ 40,000	\$ 82,000





Pickup Truck #343

Location	Village Fleet
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1090
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	
Year Submitted	2017
Design Work	N/A
Project Work	2027
Reoccurrence	2037 >2039
Last Deferred	N/A
Last Incurred	2017
Prior Cost \$	\$26,265
Current Asset #	170343
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 45,000	\$ -	\$ 54,000	\$ 99,000	\$ -	\$ 99,000





Squad Car #102

Location	Village Fleet
Issue	Police administrative car will be beyond its useful life.
Solution	Purchase new squad car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle directly links to the strategic objective of addressing fixed asset replacement and maintenance.</p>

Project #	1091
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2021
Reoccurrence	2026 2031 2036
Last Deferred	N/A
Last Incurred	2015
Prior Cost \$	\$27,373
Current Asset #	150102
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 38,000	\$ -	\$ -	\$ -	\$ 38,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 42,000	\$ 46,000	\$ 50,000	\$ 138,000	\$ 38,000	\$ 176,000





Squad Car #103

Location	Village Fleet
Issue	Police administrative car will be beyond its useful life.
Solution	Purchase new squad car. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle directly links to the strategic objective of addressing fixed asset replacement and maintenance.</p>

Project #	1092
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2021
Reoccurrence	2026 2031 2036
Last Deferred	N/A
Last Incurred	2011
Prior Cost \$	\$21,445
Current Asset #	120120
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 42,000	\$ 46,000	\$ 50,000	\$ 138,000	\$ 40,000	\$ 178,000





Squad Car #104

Location	Village Fleet
Issue	Patrol car will be beyond its useful life.
Solution	Purchase new squad car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1093
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2020
Reoccurrence	2026 2032 2038
Last Deferred	2019
Last Incurred	2014
Prior Cost \$	\$24,721
Current Asset #	140104
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ 42,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 46,000	\$ 50,000	\$ 54,000	\$ 150,000	\$ 42,000	\$ 192,000	





Squad Car #105

Location	Village Fleet
Issue	Patrol car will be beyond its useful life.
Solution	Purchase new squad car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1094
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2020
Reoccurrence	2026 2032 2038
Last Deferred	N/A
Last Incurred	2015
Prior Cost \$	\$24,743
Current Asset #	150105
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ 42,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 46,000	\$ 50,000	\$ 54,000	\$ 150,000	\$ 42,000	\$ 192,000





Squad Car #106

Location	Village Fleet
Issue	Patrol car will be beyond its useful life.
Solution	Purchase new squad car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1095
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2019
Design Work	N/A
Project Work	2025
Reoccurrence	2031 2037 >2039
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$28,972
Current Asset #	190106
Source of Funds	General
Budget Code	315-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 46,000	\$ 50,000	\$ 54,000	\$ 150,000	\$ -	\$ 150,000	





Squad Car #107

Location	Village Fleet
Issue	Patrol car will be beyond its useful life.
Solution	Purchase new squad car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1096
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2022
Reoccurrence	2028 2034 >2039
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$25,328
Current Asset #	16B0107
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 43,000	\$ -	\$ -	\$ 43,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 47,000	\$ 51,000	\$ -	\$ 98,000	\$ 43,000	\$ 141,000	





Squad Car #108

Location	Village Fleet
Issue	Supervisor car will be beyond its useful life.
Solution	Purchase new supervisor's car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1097
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2018
Design Work	N/A
Project Work	2021
Reoccurrence	2027 2033 >2039
Last Deferred	N/A
Last Incurred	2015
Prior Cost \$	\$29,052
Current Asset #	150108
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 54,000	\$ 58,000	\$ -	\$ 112,000	\$ 50,000	\$ 162,000	





Squad Car #110

Location	Village Fleet
Issue	Patrol car will be beyond its useful life.
Solution	Purchase new patrol car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1098
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2024
Reoccurrence	2030 2036 >2039
Last Deferred	N/A
Last Incurred	2018
Prior Cost \$	\$37,288
Current Asset #	180110
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 50,000	\$ 57,000	\$ 107,000	\$ 45,000	\$ 152,000





Squad Car #111

Location	Village Fleet
Issue	Community Service Officer vehicle will be beyond its useful life.
Solution	Purchase new CSO vehicle. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1099
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2024
Reoccurrence	2034 >2039
Last Deferred	N/A
Last Incurred	2014
Prior Cost \$	\$24,471
Current Asset #	150111
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 43,000	\$ -	\$ 43,000	\$ 40,000	\$ 83,000





Squad Car #112

Location	Village Fleet
Issue	Patrol vehicle will be beyond its useful life.
Solution	Purchase new patrol car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1100
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2022
Reoccurrence	2028 2034 >2039
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$27,464
Current Asset #	16B0112
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 43,000	\$ -	\$ -	\$ 43,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 46,000	\$ 50,000	\$ 54,000	\$ 150,000	\$ 43,000	\$ 193,000





Squad Car #114

Location	Village Fleet
Issue	Patrol vehicle will be beyond its useful life.
Solution	Purchase new patrol car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1101
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2022
Reoccurrence	2028 2034 >2039
Last Deferred	N/A
Last Incurred	2012
Prior Cost \$	\$26,417
Current Asset #	120114
Source of Funds	General
Budget Code	615-24-001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 43,000	\$ -	\$ -	\$ 43,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 46,000	\$ 50,000	\$ 54,000	\$ 150,000	\$ 43,000	\$ 193,000





Squad Car #115

Location	Village Fleet
Issue	Patrol vehicle will be beyond its useful life.
Solution	Purchase new patrol car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1102
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2023
Reoccurrence	2029 2035 >2039
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$27,465
Current Asset #	16B0115
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ 44,000	\$ -	\$ 44,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 47,000	\$ -	\$ 51,000	\$ 98,000	\$ 44,000	\$ 142,000





Squad #116

Location	Village Fleet
Issue	Patrol vehicle will be beyond its useful life.
Solution	Purchase new patrol car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1102
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2024
Reoccurrence	2030 2036 >2039
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$33,215
Current Asset #	180116
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ -	\$ 48,000	\$ 52,000	\$ 100,000	\$ 45,000	\$ 145,000	





Squad #117

Location	Village Fleet
Issue	Patrol vehicle will be beyond its useful life.
Solution	Purchase new patrol car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1103
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	
Year Submitted	2017
Design Work	N/A
Project Work	2023
Reoccurrence	2029 2035
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$27,465
Current Asset #	16B0117
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ 44,000	\$ -	\$ 44,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 47,000	\$ -	\$ 51,000	\$ 98,000	\$ 44,000	\$ 142,000	





Squad Car #118

Location	Village Fleet
Issue	Patrol vehicle will be beyond its useful life.
Solution	Purchase new patrol car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1104
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2023
Reoccurrence	2029 2034 >2039
Last Deferred	N/A
Last Incurred	2017
Prior Cost \$	\$28,429
Current Asset #	170118
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ 44,000	\$ -	\$ 44,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 46,000	\$ 50,000	\$ 54,000	\$ 150,000	\$ 44,000	\$ 194,000





Squad Car #119

Location	Village Fleet
Issue	Patrol vehicle will be beyond its useful life.
Solution	Purchase new patrol car. Existing vehicle will be used in a non emergency capacity or removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1105
Priority	2 - Essential
Category	Vehicles
Useful Life	5-9 years
Origination	Replacement
User Department	Police
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	
Year Submitted	2017
Design Work	N/A
Project Work	2023
Reoccurrence	2029 2034 >2039
Last Deferred	N/A
Last Incurred	2017
Prior Cost \$	\$28,429
Current Asset #	170119
Source of Funds	General
Budget Code	615-36001
Account	55261 - Veh. PD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ 44,000	\$ -	\$ 44,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 46,000	\$ 50,000	\$ 54,000	\$ 150,000	\$ 44,000	\$ 194,000	





Squad Truck #251

Location	Village Fleet
Issue	Squad Truck will be beyond its useful life.
Solution	Purchase new squad truck. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1106
Priority	2 - Essential
Category	Vehicles
Useful Life	> 25 years
Origination	Replacement
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	2026
Project Work	2027
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2002
Prior Cost \$	\$265,097
Current Asset #	130247
Source of Funds	General
Budget Code	615-36001
Account	55262 - Veh. FD

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 400,000	\$ -	\$ -	\$ 400,000	\$ -	\$ 400,000	





Street Sweeper #319

Location	Village Fleet
Issue	Street sweeper unit will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	1107
Priority	2 - Essential
Category	Vehicles
Useful Life	15-19 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2027
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2012
Prior Cost \$	\$201,862
Current Asset #	130319
Source of Funds	General
Budget Code	615-36001
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 230,000	\$ -	\$ -	\$ 230,000	\$ -	\$ 230,000	





Concrete Replacement Program

Location	Village Wide
Issue	Deteriorating curb and sidewalk pose potential risk and liability due to safety concerns.
Solution	Remove and replace failing concrete.
Link to Strategic Plan	3 - Infrastructure Objective E
	This project links indirectly to the strategic objective of Developing a Formalized Long-Range Street Maintenance Program

Project #	2001
Priority	2 - Essential
Category	Infrastructure
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$150,000
Year Submitted	2018
Design Work	Annual
Project Work	Annual
Reoccurrence	Annual
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$150,000
Current Asset #	N/A
Source of Funds	Motor Fuel Tax
Budget Code	202-36-001
Account	55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 875,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$3,000,000	\$ 875,000	\$ 3,875,000





Crack Sealing Program

Location	Village Wide
Issue	Deteriorating curb and sidewalk pose potential risk and liability due to safety concerns.
Solution	Seal cracks on existing asphalt to ensure maximum lifespan of surface.
Link to Strategic Plan	<p>3 - Infrastructure Objective E</p> <hr/> <p>This project links directly to the strategic objective of Developing a Formalized Long-Range Street Maintenance Program</p>

Project #	2002
Priority	2 - Essential
Category	Infrastructure
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$60,000
Year Submitted	2017
Design Work	Annual
Project Work	Annual
Reoccurrence	Annual
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$50,000
Current Asset #	N/A
Source of Funds	Motor Fuel Tax
Budget Code	202-36-001
Account	55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
Long Term		2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 300,000	\$ 300,000	\$ 300,000	\$ 900,000	\$ 300,000	\$ 1,200,000





Asphalt Patch Program

Location Village Wide

Issue In order to achieve maximum lifespan on roadway, parking facilities, and walking paths a pavement maintenance program is necessary.

Solution Repairs/patching of the existing asphalt surfaces.

Link to Strategic Plan **3 - Infrastructure** **Objective E**
 This project links directly to the strategic objective of Developing a Formalized Long-Range Street Maintenance Program.

Project #	3001
Priority	2 - Essential
Category	Infrastructure
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$100,000
Year Submitted	2017
Design Work	Annual
Project Work	Annual
Reoccurrence	Annual
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$100,000
Current Asset #	N/A
Source of Funds	Non-Home Rule
Budget Code	405-36-001
Account	55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 500,000	\$ 500,000	\$ 500,000	\$1,500,000	\$ 500,000	\$ 2,000,000





Old Mill Grove STP Project

Location Old Mill Grove Road from Rte 22 to Southern limit

Issue Resurfacing of Village street are required due to age and deterioration

Solution Remove and Resurface current roadway, infrastructure, and public walks. Project will be submitted for federal grant funds (80% reimbursement). If no grant funds awarded, project will be a substitute for annual road program.

Link to Strategic Plan **3 - Infrastructure** **Objective E**
 This project links directly to the strategic objective of Developing a Formalized Long-Range Street Maintenance Program

Project #	3003
Priority	2 - Essential
Category	Infrastructure
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2019
Design Work	2021
Project Work	2022
Reoccurrence	2039
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	\$ -
Current Asset #	N/A
Source of Funds	Non-Home Rule
Budget Code	405-36-001
Account	55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 150,000	\$ 1,500,000	\$ -	\$ -	\$ 1,650,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 1,650,000	\$ 1,650,000





Road Resurfacing Program

Location	Village Wide
Issue	Resurfacing of Village streets are required due to age and deterioration.
Solution	Remove and resurface current roadway, infrastructure and public walks.
Link to Strategic Plan	<p>3 - Infrastructure Objective E</p> <p>This project links directly to the strategic objective of Developing a Formalized Long-Range Street Maintenance Program</p>

Project #	3002
Priority	2 - Essential
Category	Infrastructure
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$1,750,000
Year Submitted	2017
Design Work	Annual
Project Work	Annual
Reoccurrence	Annual
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$1,700,000
Current Asset #	N/A
Source of Funds	Non-Home Rule
Budget Code	405-36-001
Account	55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 1,750,000	\$ 1,750,000	\$ 1,750,000	\$ 1,750,000	\$ 1,750,000	\$ 8,750,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 8,750,000	\$ 8,750,000	\$ 8,750,000	\$ 26,250,000	\$ 8,750,000	\$ 35,000,000





Stream Bank Stabilization Kildeer Creek

Location Cedar/Kildeer Creek From Rte 22 To Quentin Road

Issue Areas along Cedar/Kildeer Creek suffer from repeated flood events and low water quality, erosion and potential property loss. These issues are often exacerbated by debris, bank instability, and invasive species.

Solution Stabilize and protect streambank shoelines to prohibit future erosion and loss of municipal and private property.

Link to Strategic Plan

3 - Infrastructure	Objective D
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This project links directly to the strategic objective of addressing stormwater management issues.

Project #	4001
Priority	2 - Essential
Category	Land Improvement
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$175,000
Year Submitted	2018
Design Work	2018
Project Work	2019
Reoccurrence	2039
Last Deferred	2016
Last Incurred	2019
Prior Cost \$	N/A
Current Asset #	N/A
Source of Funds	SSA #13
Budget Code	735-10-099
Account	55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -		\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ -	\$ 200,000	





Ion Exchange Treatment Plant Addition

Location	Well 11
Issue	Ion Exchange treatment is necessary for the removal of Radium 226/228 from groundwater. A treatment plant addition for Well 11 (our back-up well) was not completed due to consideration of Lake Michigan water supply. Well 11 is on emergency use only.
Solution	If the Village chooses not to move forward with Lake Michigan water supply, an Ion Exchange treatment plant will be necessary in order to provide water that meets EPA standards for Radium 226/228 from Well 11.
Link to Strategic Plan	<p>3 - Infrastructure Objective A</p> <p>This project links directly to the strategic objective of ensuring a sustainable, healthy and economical water source for current and future Lake Zurich residents.</p>

Project #	5001
Priority	3 - Deferrable
Category	Building Improve.
Useful Life	20-24 years
Origination	New
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2015
Design Work	2025
Project Work	2025
Reoccurrence	-
Last Deferred	2016
Last Incurred	N/A
Prior Cost \$	N/A
Current Asset #	N/A
Source of Funds	Water & Sewer
Budget Code	501-36-550
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 2,420,000	\$ -	\$ -	\$ 2,420,000	\$ -	\$ 2,420,000





Backhoe 410D

Location	Entire Village
Issue	Backhoe will be beyond its useful life.
Solution	Purchase new backhoe. Existing backhoe will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5002
Priority	2 - Essential
Category	Equipment
Useful Life	> 25 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$140,000
Year Submitted	2018
Design Work	N/A
Project Work	2025
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	1995
Prior Cost \$	\$65,749.00
Current Asset #	950410
Source of Funds	Water & Sewer
Budget Code	501-36-550
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 140,000	\$ -	\$ -	\$ 140,000	\$ -	\$ 140,000





Lift Station Equipment - Betty Drive

Location	Betty Dr. Lift Station
Issue	The current lift station for Betty Dr. was constructed in 1976 and the current controls installed in 1999. There is not a traffic enclosure and the controls are obsolete and are approaching the end of their useful life. To ensure lift station reliability, installation of a traffic enclosure and replacement of the control panel is needed.
Solution	Install a traffic enclosure and replace obsolete controls.
Link to Strategic Plan	<p>3 - Infrastructure Objective F</p> <p>This project links directly to the strategic objective of developing a formalized, long range sanitary sewer system improvement plan.</p>

Project #	5003
Priority	2 - Essential
Category	Equipment
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2017
Design Work	2025
Project Work	2025
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	1999
Prior Cost \$	N/A
Current Asset #	N/A
Source of Funds	Water & Sewer
Budget Code	501-36-560
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 70,000	\$ -	\$ -	\$ 70,000	\$ -	\$ 70,000





Lift Station Equipment - RSR

Location	RSR Lift Station
Issue	The current lift station for the RSR subdivision was constructed in 1999. The traffic enclosure is deteriorating and the controls are obsolete and are approaching the end of their useful life. To ensure lift station reliability, replacement of the traffic enclosure and control panel is needed.
Solution	Replace deteriorating traffic enclosure and obsolete controls.
Link to Strategic Plan	<p>3 - Infrastructure Objective F</p> <p>This project links directly to the strategic objective of developing a formalized, long range sanitary sewer system improvement plan.</p>

Project #	5005
Priority	2 - Essential
Category	Equipment
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	2024
Project Work	2024
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	N/A
Current Asset #	N/A
Source of Funds	Water & Sewer
Budget Code	501-36-560
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000





Lift Station Equipment - Wicklow

Location	Wicklow Lift Station
Issue	The current lift station for the Wicklow Village subdivision was constructed in 1996. The traffic enclosure is deteriorating and the controls are obsolete and are approaching the end of their useful life. To ensure lift station reliability, replacement of the traffic enclosure and control panel is needed.
Solution	Replace deteriorating traffic enclosure and obsolete controls.
Link to Strategic Plan	<p>3 - Infrastructure Objective F</p> <p>This project links directly to the strategic objective of developing a formalized, long range sanitary sewer system improvement plan.</p>

Project #	5006
Priority	2 - Essential
Category	Equipment
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2017
Design Work	2023
Project Work	2023
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	N/A
Current Asset #	N/A
Source of Funds	Water & Sewer
Budget Code	501-36-560
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ 65,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000





Pump Replacements - NW

Location	NW Pump Station
Issue	NW Pumping Station is one of two sanitary sewer pumping stations constructed in 1993. The original pumps are still in service and are approaching the end of their useful life (25 years). To ensure pump station reliability, replacement of each of the five pumps is needed.
Solution	Replace obsolete, worn and deteriorated pumps. There are five pumps in total; one will be replaced each year starting in 2018.
Link to Strategic Plan	<p>3 - Infrastructure Objective F</p> <p>This project links directly to the strategic objective of developing a formalized, long range sanitary sewer system improvement plan.</p>

Project #	5007
Priority	2 - Essential
Category	Equipment
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$72,000
Year Submitted	2017
Design Work	2020
Project Work	2020
Reoccurrence	2021 - 2022
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$72,000
Current Asset #	N/A
Source of Funds	Water & Sewer
Budget Code	501-36-560
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 83,000	\$ 91,500	\$ 100,500	\$ -	\$ -	\$ 275,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 275,000	\$ 275,000





Pump Replacements - Quentin

Location	Quentin Pump Station
Issue	Quentin Pumping Station is one of two sanitary sewer pumping stations constructed in 1993. The original pumps are still in service and are approaching the end of their useful life (25 years). To ensure pump station reliability, replacement of each of the five pumps is needed.
Solution	Replace obsolete, worn and deteriorated pumps. Replacement is spread out with one pump a year, for five years, starting in 2018
Link to Strategic Plan	<p>3 - Infrastructure Objective F</p> <p>This project links directly to the strategic objective of developing a formalized, long range sanitary sewer system improvement plan.</p>

Project #	5008
Priority	2 - Essential
Category	Equipment
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$50,000
Year Submitted	2017
Design Work	2020
Project Work	2020
Reoccurrence	2021 - 2022
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$50,000
Current Asset #	N/A
Source of Funds	Water & Sewer
Budget Code	501-36-560
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 56,500	\$ 62,000	\$ 68,500	\$ -	\$ -	\$ 187,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 187,000	\$ 187,000



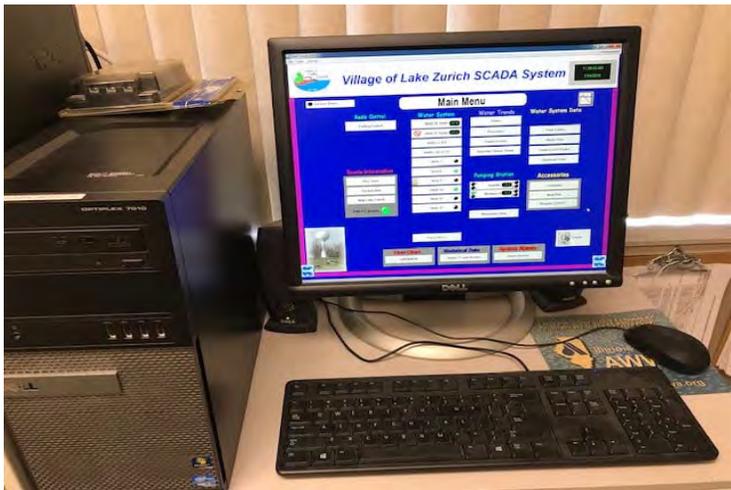


SCADA System Update

Location	Village-wide
Issue	Service life of the supervisory and control systems that monitor operations of the water & sanitary sewer systems is between 10 and 14 years. Thereafter components that make up the system become obsolete.
Solution	Replace mechanical and electrical components as necessary.
Link to Strategic Plan	<p>3 - Infrastructure Objective A</p> <hr/> <p>Ensure a healthy and economical water source.</p>

Project #	5009
Priority	3 - Deferrable
Category	Equipment
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2020
Reoccurrence	2030 -
Last Deferred	N/A
Last Incurred	2017
Prior Cost \$	\$0
Current Asset #	N/A
Source of Funds	Water & Sewer
Budget Code	501-36-550
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 400,000	-	\$ 400,000	\$ 300,000	\$ 700,000





Sewer Rodder

Location	Entire Village
Issue	Rodder will be beyond its useful life.
Solution	Purchase new Rodder. Existing Rodder will be removed from the fleet and auctioned.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5010
Priority	2 - Essential
Category	Equipment
Useful Life	> 25 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$50,000
Year Submitted	2018
Design Work	-
Project Work	2021
Reoccurrence	>2039 -
Last Deferred	N/A
Last Incurred	1995
Prior Cost \$	\$26,985.00
Current Asset #	950410
Source of Funds	Water & Sewer
Budget Code	501-36560
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 50,000	\$ -		\$ -	\$ 50,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000





Water Meters

Location	Village-wide
Issue	The service life of a water meter is 20 years. Thereafter, its ability to accurately account for water flow diminishes.
Solution	Replace meter, register and AMI interface as needed.
Link to Strategic Plan	<p style="text-align: center;">3 - Infrastructure Objective A</p> <hr/> <p>Ensure a healthy and economical water source.</p>

Project #	5011
Priority	2 - Essential
Category	Equipment
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2037
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2018
Prior Cost \$	\$2,965,262
Current Asset #	N/A
Source of Funds	Water & Sewer
Budget Code	501-36-550
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ -	\$ -	\$ 3,700,000	\$3,700,000	\$ -	\$ 3,700,000	





Lift Station Improvements - Mionske

Location	Mionske Lift Station
Issue	The current lift station was constructed in 1996. The traffic enclosure is deteriorating and the controls are obsolete, approaching the end of their useful life (25 years). To ensure lift station reliability, replacement/relocation will be needed.
Solution	Replace the lift station (in new location).
Link to Strategic Plan	<p>3 - Infrastructure Objective F</p> <p>This project links directly to the strategic objective of developing a formalized, long range sanitary sewer system improvement plan.</p>

Project #	5014
Priority	2 - Essential
Category	Infrastructure
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2017
Design Work	N/A
Project Work	2026
Reoccurrence	-
Last Deferred	N/A
Last Incurred	1996
Prior Cost \$	N/A
Current Asset #	N/A
Source of Funds	Water & Sewer
Budget Code	501-36-560
Account	55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 836,000	\$ -	\$ -	\$ 836,000	\$ -	\$ 836,000	



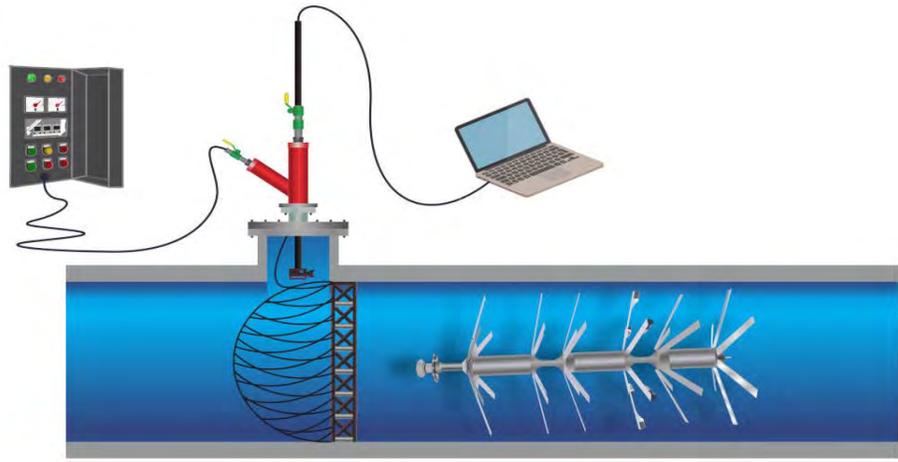


Sanitary Force Main Assessment

Location	Northwest & Quentin Road Lift Station Force Mains
Issue	These large diameter force mains are mission critical components of the Village's wastewater system. Any disruption or failure of these facilities will result in a major impact to the Village services. The force mains were installed in the mid-1990s and should undergo a condition assessment.
Solution	Contract with a firm that specializes in condition assessments of prestress concrete pipe force mains. The Quentin Road force main is a priority due to the proposed Lake County DOT Quentin Road widening project.
Link to Strategic Plan	3 - Infrastructure Objective F
	This project links directly to the strategic objective of developing a formalized, long range sanitary sewer system improvement plan.

Project #	5016
Priority	2 - Essential
Category	Infrastructure
Useful Life	> 25 years
Origination	Major Maintenance
User Department	Public Works
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$300,000
Year Submitted	2017
Design Work	2028
Project Work	2028
Reoccurrence	2028 2029 2038 2039
Last Deferred	N/A
Last Incurred	2018
Prior Cost \$	\$300,000
Current Asset #	N/A
Source of Funds	Water & Sewer
Budget Code	501-36-560
Account	55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 600,000	\$ -	\$ 600,000	\$1,200,000	\$ -	\$ 1,200,000	





Sanitary Sewer I & I Program

Location Village Wide

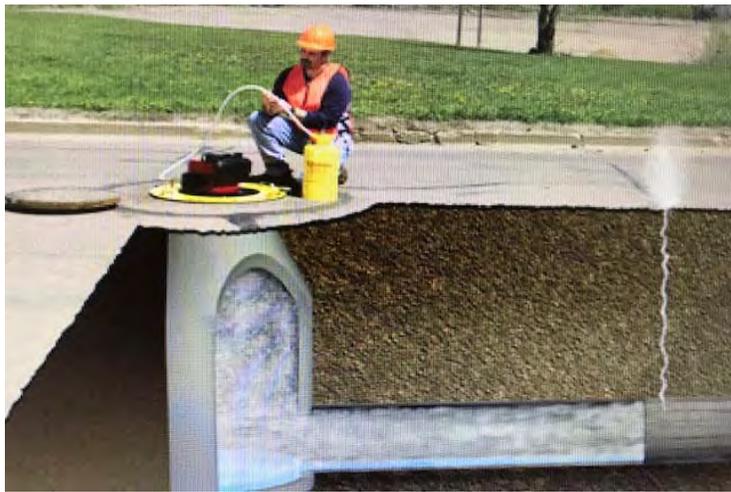
Issue The Village of Lake Zurich is responsible for the operations and maintenance of over 100 miles of sanitary sewer. Inflow and Infiltration (I & I) affects the capacity of the sanitary sewer and can cause backups and overflows after major storm events. Lake County plans to make these activities mandatory in the near future.

Solution Implement an I & I Program that includes: A) Clean and televise sanitary sewers over a continuous 10 year cycle; B) Isolate subbasins and perform flow monitoring, smoke testing and manhole inspections; C) Identify maintenance projects that will reduce inflow and infiltration.

Link to Strategic Plan **3 - Infrastructure** **Objective F**
 This project links directly to the strategic objective of developing a formalized, long range sanitary sewer system improvement plan.

Project # 5017
Priority 2 - Essential
Category Infrastructure
Useful Life 10-14 years
Origination Major Maintenance
User Department Public Works
Lead Department Public Works
Impact Operations? No
Current Budget \$ \$100,000
Year Submitted 2017
Design Work **Annual**
Project Work **Annual**
Reoccurrence Annual
Last Deferred N/A
Last Incurred 2018
Prior Cost \$ \$100,000
Current Asset # N/A
Source of Funds Water & Sewer
Budget Code 501-36-560
Account 55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 500,000	\$ 500,000	\$ 500,000	\$1,500,000	\$ 500,000	\$ 2,000,000





Well Maintenance

Location Six Well locations within the Village

Issue The Village provides potable water to residents from six deep wells that draw water from the underground aquifer. To ensure system reliability, each well requires regular scheduled preventative maintenance.

Solution (1) Schedule preventative maintenance on a rotating basis so that each well receives maintenance every 5 to 6 years. Preventative maintenance includes pulling the pumping assembly & column pipe from the well, cleaning, inspection & replacement of the column pipe, motor inspection & service and pump inspection & repair. (2) Replace obsolete pump motor starters.

Link to Strategic Plan **3 - Infrastructure** **Objective A**
 This project links directly to the strategic objective of ensuring a sustainable, healthy and economical water source for current and future Lake Zurich residents.

Project # 5022
Priority 2 - Essential
Category Infrastructure
Useful Life 5-9 years
Origination Major Maintenance
User Department Public Works
Lead Department Public Works
Impact Operations? No
Current Budget \$ \$130,000
Year Submitted 2017
Design Work N/A
Project Work Annual
Reoccurrence Annual
Last Deferred N/A
Last Incurred 2018
Prior Cost \$ \$130,598
Current Asset # N/A
Source of Funds Water & Sewer
Budget Code 501-36-550
Account 55253 - Infrast.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 179,000	\$ 182,000	\$ 141,000	\$ 191,000	\$ 232,000	\$ 925,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 861,500	\$ 910,000	\$ 1,042,000	\$2,813,500	\$ 925,000	\$ 3,738,500





Combo Sewer Vac #532

Location	Entire Village
Issue	Vector truck will be beyond its useful life.
Solution	Purchase new vehicle via seven year lease. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5023
Priority	2 - Essential
Category	Vehicles
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2018
Design Work	2038
Project Work	2039
Reoccurrence	N/A
Last Deferred	N/A
Last Incurred	2018
Prior Cost \$	\$411,582
Current Asset #	180532
Source of Funds	Water & Sewer
Budget Code	501-36560
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 66,400	\$ 66,400	\$ 66,400	\$ 66,400	\$ 66,400	\$ 332,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 525,000	\$ 525,000	\$ 332,000	\$ 857,000





Crane Truck #433

Location	Entire Village
Issue	Crane truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5024
Priority	2 - Essential
Category	Vehicles
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$90,000
Year Submitted	2018
Design Work	N/A
Project Work	2019
Reoccurrence	2039
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$90,000
Current Asset #	990433
Source of Funds	Water & Sewer
Budget Code	501-36560
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ 115,000	\$ 115,000	\$ -	\$ 115,000





Crane Truck #439

Location	Entire Village
Issue	Crane truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5025
Priority	3 - Deferrable
Category	Vehicles
Useful Life	20-24 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	
Year Submitted	2018
Design Work	N/A
Project Work	2020
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	\$65,490
Current Asset #	920439
Source of Funds	Water & Sewer
Budget Code	501-36560
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 100,000		\$ -	\$ -	\$ -	\$ 100,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000





Dump Truck #438

Location	Entire Village
Issue	Dump truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5026
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$110,000
Year Submitted	2018
Design Work	N/A
Project Work	2021
Reoccurrence	2033
Last Deferred	N/A
Last Incurred	2008
Prior Cost \$	\$65,755
Current Asset #	90438
Source of Funds	Water & Sewer
Budget Code	501-36550
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 110,000		\$ -	\$ -	\$ 110,000
Long Term		2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 115,000	\$ -	\$ 115,000	\$ 110,000	\$ 225,000





Pickup Truck #430

Location	Entire Village
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5027
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2018
Design Work	N/A
Project Work	2020
Reoccurrence	2030
Last Deferred	N/A
Last Incurred	2006
Prior Cost \$	\$19,221
Current Asset #	60430
Source of Funds	Water & Sewer
Budget Code	501-36550
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 40,000		\$ -	\$ -	\$ -	\$ 40,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 42,000	\$ -	\$ 42,000	\$ 40,000	\$ 82,000





Pickup Truck #431

Location	Entire Village
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5028
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2018
Design Work	N/A
Project Work	2024
Reoccurrence	2034
Last Deferred	N/A
Last Incurred	2013
Prior Cost \$	\$22,607
Current Asset #	130431
Source of Funds	Water & Sewer
Budget Code	501-36-550
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 42,000	\$ -	\$ 42,000	\$ 40,000	\$ 82,000





Pickup Truck #432

Location	Entire Village
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5029
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2018
Design Work	N/A
Project Work	2021
Reoccurrence	2031
Last Deferred	N/A
Last Incurred	2008
Prior Cost \$	\$28,767
Current Asset #	80432
Source of Funds	Water & Sewer
Budget Code	501-36550
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 40,000		\$ -	\$ -	\$ 40,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 42,000	\$ -	\$ 42,000	\$ 40,000	\$ 82,000





Pickup Truck #434

Location	Entire Village
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5030
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2018
Design Work	N/A
Project Work	2024
Reoccurrence	2034
Last Deferred	N/A
Last Incurred	2014
Prior Cost \$	\$22,292
Current Asset #	140434
Source of Funds	Water & Sewer
Budget Code	501-36550
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 47,000	\$ -	\$ 47,000	\$ 45,000	\$ 92,000





Pickup Truck #435

Location	Entire Village
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <hr/> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5031
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$40,000
Year Submitted	2018
Design Work	N/A
Project Work	2019
Reoccurrence	2029
Last Deferred	N/A
Last Incurred	2019
Prior Cost \$	\$40,000
Current Asset #	70435
Source of Funds	Water & Sewer
Budget Code	501-36550
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 42,000	\$ -	\$ -	\$ 42,000	\$ -	\$ 42,000





Pickup Truck #436

Location	Entire Village
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5032
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$40,000
Year Submitted	2018
Design Work	N/A
Project Work	2022
Reoccurrence	2032
Last Deferred	N/A
Last Incurred	2012
Prior Cost \$	\$29,866
Current Asset #	120436
Source of Funds	Water & Sewer
Budget Code	501-36550
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 42,000	\$ -	\$ -	\$ 42,000
Financial Impact	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ 44,000	\$ -	\$ 44,000	\$ 42,000	\$ 86,000





Pickup Truck #437

Location	Entire Village
Issue	Pickup truck will be beyond its useful life.
Solution	Purchase new vehicle. Existing vehicle will be removed from the fleet and auctioned.
Link to Strategic Plan	<p>3 - Infrastructure Objective B</p> <p>This vehicle links directly to the strategic objective of fixed asset replacement and maintenance.</p>

Project #	5033
Priority	2 - Essential
Category	Vehicles
Useful Life	10-14 years
Origination	Replacement
User Department	Public Works
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2018
Design Work	N/A
Project Work	2029
Reoccurrence	>2039
Last Deferred	N/A
Last Incurred	2018
Prior Cost \$	\$40,211
Current Asset #	50437
Source of Funds	Water & Sewer
Budget Code	501-36550
Account	55263 - Veh. PW

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
	\$ 65,000	\$ -	\$ -	\$ 65,000	\$ -	\$ 65,000	





Renovations Buffalo Creek Building

Location Buffalo Creek

Issue An increase in participation and need for programming for preschool, camp and dance have caused us to reevaluate spaces for offering and expanding programs based on our community's needs. Dance is currently operating out of the building on temporary flooring and preschool is operating out of St. Peter's Church.

Solution Renovate Buffalo Creek building B for multipurpose space that can house preschool and dance programs. Renovation space will aid the master plan goal of serving youth market. Renovation to include closet creation (\$16k), flooring (\$20k) and miscellaneous (\$4k).

Link to Strategic Plan **3 - Infrastructure Objective G**
 This project will meet the community needs by allowing the department both continue to offer, expand and create additional revenue producing programs.

Project #	9012
Priority	4 - Contributory
Category	Building Improve.
Useful Life	> 25 years
Origination	Major Maintenance
User Department	Park & Recreation
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$20,000
Year Submitted	2018
Design Work	2020
Project Work	2020
Reoccurrence	N/A
Last Deferred	2018
Last Incurred	N/A
Prior Cost \$	\$ -
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000





Renovate or Replace Fire St. 1

Location 321 Buesching Road

Issue Fire Station 1 is the only Village owned Fire Station. It was built many years ago as a volunteer station and has since then been adopted where possible house equipment and personnel.

Solution Major renovation or replacement of the structure to meet the needs of the community for the next 30 years. Consideration should be given to the location of the station. Estimate costs not yet available.

Link to Strategic Plan **3 - Infrastructure Objective G**
 This project will meet the community needs by allowing the department both continue to offer, expand and create additional revenue producing programs.

Project #	9016
Priority	4 - Contributory
Category	Building Improve.
Useful Life	> 25 years
Origination	Major Maintenance
User Department	Fire
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2020
Design Work	N/A
Project Work	N/A
Reoccurrence	N/A
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	\$ -
Current Asset #	N/A
Source of Funds	General & Grant
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





Renovate or Replace Park Barn

Location Henry J. Paulus Park

Issue The Park and Recreation department provides year round programming for the community and hosts administrative staff in the Barn. The building was not purpose built, but has been adapted over the years.

Solution Major renovation or replacement of the structure to meet the needs of the community for the next 30 years. Estimate costs not yet available.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project will meet the community needs by allowing the department both continue to offer, expand and create additional revenue producing programs.

Project #	9017
Priority	4 - Contributory
Category	Building Improve.
Useful Life	> 25 years
Origination	Major Maintenance
User Department	Park & Recreation
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2020
Design Work	N/A
Project Work	N/A
Reoccurrence	N/A
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	\$ -
Current Asset #	N/A
Source of Funds	General & Grant
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





Renovate Park Barn Lobby

Location Henry J. Paulus Park

Issue The Park and Recreation department has seen an increase in both internal and external programs. Increase in programs and participation have caused us to reevaluate our spaces to continue offering and expanding programs based on our community's needs.

Solution Renovate barn lobby to become multipurpose studio space that can house programs. Renovation space will serve youth and adult market. It will improve retention, program acquisition, and increase program revenue. Renovation to include the creation of a secured space, flooring, windows and possibly HVAC.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project will meet the community needs by allowing the department both continue to offer, expand and create additional revenue producing programs.

Project #	9001
Priority	4 - Contributory
Category	Building Improve.
Useful Life	> 25 years
Origination	Major Maintenance
User Department	Park & Recreation
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$0
Year Submitted	2015
Design Work	2022
Project Work	2023
Reoccurrence	N/A
Last Deferred	2019
Last Incurred	N/A
Prior Cost \$	\$ -
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 14,000	\$ 140,000	\$ -	\$ 154,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 154,000	\$ 154,000





Training Tower Rehabilitation

Location Fire Station 1

Issue The training tower was originally designed with the ability to conduct live fire training. The insulating material which provided protection from heat to the building in the training tower has degraded and the building can no longer support live fire training.

Solution Install burn room liner panels to the 2nd and 3rd floor of the training tower that would give us the ability to conduct multiple live-fire training scenarios. Expect impact of \$2,000 every five years for maintaining the structure.

Link to Strategic Plan

3 - Infrastructure	Objective H
Determine where opportunities lie to improve the operational usefulness of the training tower. Identify & resolve Outstanding Concerns with Village-Owned Properties.	

Project #	9002
Priority	4 - Contributory
Category	Building Improve.
Useful Life	15-19 years
Origination	Major Maintenance
User Department	Fire
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2017
Design Work	2022
Project Work	2022
Reoccurrence	N/A
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	\$ -
Current Asset #	N/A
Source of Funds	General & Fire Dist.
Budget Code	401-36-001
Account	55252 - Build. Imp.

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ 165,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000





Electronic Marquee- Paulus Park

Location Henry J. Paulus Park

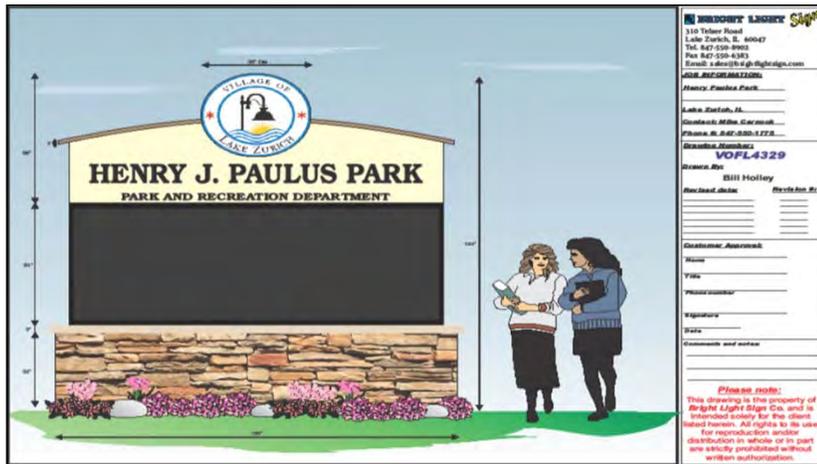
Issue A great benefit for the community would be a more visible sign that has the capacity to display more than 2 messages/week. This would be primarily for educational/promotional efforts. Compared to the existing manual sign, there would be a significant decrease in labor hours currently dedicated to weekly changes.

Solution Install electronic marquee near Henry J. Paulus Park entry to serve as not only a promotional and educational sign but also a welcome to the Village's signature park.

Link to Strategic Plan **3 - Infrastructure Objective G**
 This project will meet the community needs by allowing the Village to continue to offer educational/promotional efforts with both community events and programs.

Project #	9013
Priority	4 - Contributory
Category	Equipment
Useful Life	> 25 years
Origination	New
User Department	Park & Recreation
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2019
Design Work	2020
Project Work	2020
Reoccurrence	N/A
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	\$ -
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55254 - Equipment

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000





Breezewald Amenities

Location Breezewald Park

Issue Residents and visitors have requested additional amenities be considered for Breezewald Park, including additional seating and decking.

Solution Staff will evaluate the park and options for enhancement.

Link to Strategic Plan **5 - Civic Engagement** **Objective A**
This project links indirectly to the strategic objective of Civic Engagement

Project #	9014
Priority	4 - Contributory
Category	Land Improve.
Useful Life	20-24 years
Origination	New
User Department	Public Works
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2020
Design Work	N/A
Project Work	2020
Reoccurrence	
Last Deferred	N/A
Last Incurred	N/A
Prior Cost \$	\$0
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000





Court Renovation - Heatherleigh

Location Heatherleigh Park

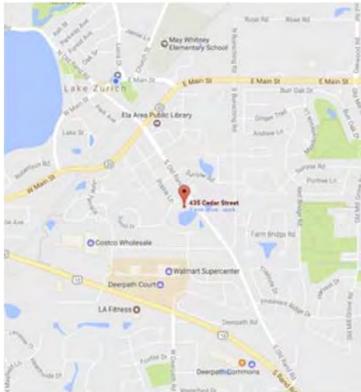
Issue Civic engagement request to transition a tennis court in the Village to pickleball courts

Solution Modify current tennis court into 4 pickleball courts.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project is to be part of a formalized municipal facility maintenance plan.

Project # 9008
Priority 4 - Contributory
Category Land Improve.
Useful Life 10-14 years
Origination Replacement
User Department Park & Recreation
Lead Department Public Works
Impact Operations? Yes
Current Budget \$ \$0
Year Submitted 2017
Design Work **2023**
Project Work **2023**
Reoccurrence
Last Deferred N/A
Last Incurred 2012
Prior Cost \$ \$6,000
Current Asset # N/A
Source of Funds General
Budget Code 401-36-001
Account 55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 25,000	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000





Paulus Park Improvements

Location Henry J. Paulus Park

Issue Suggested amenity improvements such as relocation and the renovation of the deck/stage utilizing composite materials for longer life and less maintenance as well as overhead shelter from the natural elements. Also, relocation of the Public safety dock to Paulus Park onto public property.

Solution Renovation of the current stage at Paulus Park to include decking, landscaping, overhead protection, and electric for possible sound/lighting. Construction of a new Public Safety dock that would be a permanent relocation to Paulus Park. Both projects may be eligible for Special Recreation Activity (SRA) funds to reduce the overall cost.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
 This project links to the strategic plan to further enhance the community image and positive interactions through the expansion of special events.

Project #	9015
Priority	4 - Contributory
Category	Land Improve.
Useful Life	> 25 years
Origination	Major Maintenance
User Department	Park & Recreation
Lead Department	Public Works
Impact Operations?	Yes
Current Budget \$	\$350,000
Year Submitted	2015
Design Work	2020
Project Work	2020
Reoccurrence	N/A
Last Deferred	2018
Last Incurred	N/A
Prior Cost \$	\$ -
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ 350,000			\$ -	\$ -	\$ 350,000
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000





Skate Park Renovation

Location Henry J. Paulus Park

Issue Existing facility has a life span of approximately 20 years for safe operation.

Solution Update surfacing and equipment at the end of the lifespan. Consider a concrete skatepark as opposed to modular. While the initial design and construction expenses of cast-in-place concrete are higher than prefabricated ramps, over the life of the facility the cost is quickly recouped in durability.

Link to Strategic Plan **3 - Infrastructure** **Objective G**
This project is to be part of a formalized municipal facility maintenance plan.

Project #	9007
Priority	4 - Contributory
Category	Land Improve.
Useful Life	> 25 years
Origination	Replacement
User Department	Park & Recreation
Lead Department	Public Works
Impact Operations?	No
Current Budget \$	\$0
Year Submitted	2017
Design Work	2026
Project Work	2027
Reoccurrence	N/A
Last Deferred	N/A
Last Incurred	2016
Prior Cost \$	\$20,000
Current Asset #	N/A
Source of Funds	General
Budget Code	401-36-001
Account	55251 - Land Imprv

Financial Impact	Short Term	2020	2021	2022	2023	2024	Short Term
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Long Term	2025 through 2029	2030 through 2034	2035 through 2039	Total Long Term	Total Short Term	Total Cost over 20 years
		\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000

