



VILLAGE OF ROUND LAKE
AGENDA ITEM SUMMARY

TITLE: CAPITAL IMPROVEMENTS PLAN

Agenda Item No. 5.7

Executive Summary:

Attached is the Capital Improvements Plan that includes all department capital item requests for the 2016 budget and for five years thereafter, ending in 2021. The plan provides for a procedure and structure for managing capital requirements for the Village and the implementation of a financial forecast for the requested capital needs. The document contains capital requests summaries by departments and funds and also includes the individual capital requests by department.

Recommended Action:

Adopt a Resolution Adopting the Village of Round Lake Capital Improvement Plan Fiscal Year End 2016 Through 2021

Committee: Human Resources & Finance		Meeting Date: 3/16, 4/6, & 4/20/15	
Lead Department: Administration		Presenter: Steve Shields	
Item Budgeted: ☐ Yes ☐ No ☒ N/A			
If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.	Account(s)	Budget	Expenditure
	Y-T-D Actual		
	Amount Encumbered		
	Item Requested		
	Total:	\$0.00	\$0.00
	Request is over/under budget:		
Under	-		
Over	-		



Village of Round Lake

Capital Improvement Plan

Fiscal Year Ended 2016 – 2021

RESOLUTION NO. 2015-R-XX

A RESOLUTION ADOPTING THE VILLAGE OF ROUND LAKE CAPITAL IMPROVEMENT PLAN FISCAL YEAR END 2016 THROUGH 2021

WHEREAS, the Mayor and Finance Director in conjunction with the recommendations of all Village Departments and the Committee of the Whole's review and recommendations has developed a comprehensive assessment of current and future long-term capital project needs and requirements for the Village of Round Lake, hereafter referenced as the "Village of Round Lake Capital Plan Fiscal Year End 2016 Through 2021"; and

WHEREAS, the Board of Trustees deems the "Village of Round Lake Capital Plan Fiscal Year End 2016 Through 2021" appropriate for adoption by the Village for present and future use for capital planning and implementation of capital projects by Village Staff, Departments and all other planning agencies and committees of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ROUND LAKE, LAKE COUNTY, ILLINOIS, as follows:

SECTION 1: That the "Village of Round Lake Capital Plan Fiscal Year End 2016 Through 2021" as attached hereto is hereby adopted as stating and encompassing Village policy and guidelines for present and future capital plans within the Village as therein specified.

SECTION 2: That as set out in the "Village of Round Lake Capital Plan Fiscal Year End 2016 Through 2021", the Board states the policy that such Capital Plan shall be the continuing guideline for the stated Capital Plan projects, their financing, implementation and completion, provided nothing herein is intended to constitute a pre-approval or formal authorization by the Board of Trustees for any capital project, or funding or expenditures for such projects.

APPROVED:

Daniel A. MacGillis, Village President

ATTEST:

Patricia C. Blauvelt, Village Clerk

PASSED:

APPROVED:

AYES:

NAYS:

ABSENT:

**Village of Round Lake
Capital Improvement Plan
Fiscal Year End 2016-2021
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Village of Round Lake Capital Plan

Introduction

The Village of Round Lake Capital Plan is arranged into four sections including this section, which describes the background and development and implementation. The second section provides a summary of the projects by department and the third section provides a summary by fund. Finally, each of the requests and pertinent information for each project is included in the fourth section.

There are other assessments/plans which provide input in the capital plan. As an example, the inventory of technology and vehicle items, and other plans that are incorporated into the capital plan.

It should be noted that this is a working plan and should be updated as conditions change resulting from the concerns of the citizens of Round Lake and the policies and priorities established by the Mayor and Village Board. New funding or other resource opportunities could also lead to program changes and implementation of projects not previously explored or eliminated entirely. All departmental requests are included in the plan.

Background

The Village of Round Lake makes significant capital expenditures for future operations and expenditures for other important capital projects. The capital plan is intended to provide guidance on which projects should be implemented, how they should be financed and when.

The Village of Round Lake Capital Plan is a tool to assess the long-term capital project requirements and to establish funding of the projects in a timely and cost-effective fashion. The plan is intended to ensure that there is a policy in place so the proper assessment is performed for the expenditure of public funds. The plan identifies and describes capital projects, and the years in which funding each project is to occur. The plan can be utilized to forecast any period of time and extends beyond the current operating cycle to cover a five-year time frame.

Plan Development

The Department Heads identified the necessary projects and project costs. The Elected Officials will provide oversight for the plan and assess the projects prior to approval for funding. The information included in the requests will be utilized for analysis and the potential need for prioritizing the projects. Accordingly, the requests will include the following information:

- **Project Description/Capital Request:** A description of the proposed construction project or the vehicles or equipment to be acquired.
- **Anticipated Benefits:** The goals and benefits to be derived through the construction or acquisition project.
- **Existing Condition:** A description of the existing condition to be alleviated by the project.
- **Funding Schedule:** The estimated cost of the project and the timing for funding are identified. Project timing is based on the assessment of need by the department head and may be changed through the prioritizing process.

- **Funding Sources:** Should identify whether the project will be funded by the Village's own resources, through an intergovernmental grant or loan, or a combination of such sources.
- **Other Resource Needs:** Identifies the need for municipal staff, legal services, engineering services, or other needs to complete the project.
- **Annual operation or maintenance costs,** including the identifying such costs.

Any additions to the plan require approval by the Village Board. Department Heads will forward capital plan requests to the Committee of the Whole for analysis and provide proper justification of additional projects.

Overall Financial Highlights

The Village uses eight funds to account for capital items, which are listed below along with the amounts for the 2016 budget and five years thereafter.

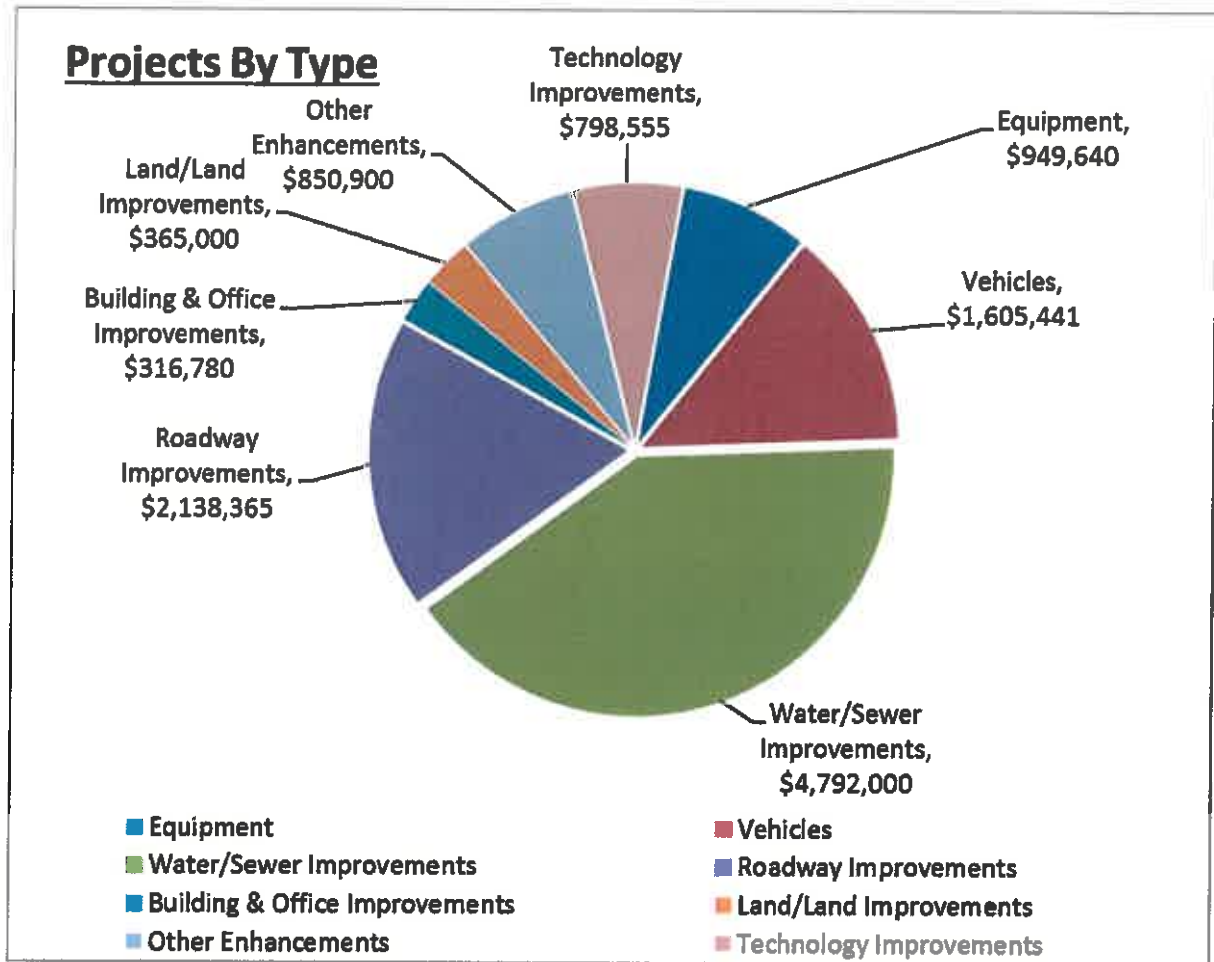
Fund	Budget	Forecast					Totals
	2016	2017	2018	2019	2020	2021	
General Fund (01)	\$86,700	\$41,071	\$41,071	\$48,571	\$41,071	\$21,071	\$279,555
Motor Fuel Tax Fund (10)	\$748,800	\$565,000	\$30,000	\$35,000	\$40,000	\$45,000	\$1,463,800
Capital Projects Fund (35)	\$749,565	\$390,400	\$250,000	\$260,000	\$85,000	\$0	\$1,734,965
Water & Sewer Fund (50)	\$1,288,200	\$1,330,500	\$2,455,500	\$207,500	\$2,500	\$2,500	\$5,286,700
Parking Lot Fund (51)	\$233,000	\$0	\$0	\$0	\$0	\$0	\$233,000
Vehicle Replacement Fund (60)	\$441,497	\$299,486	\$277,471	\$305,544	\$283,711	\$148,472	\$1,756,181
Technology Replacement Fund (61)	\$99,200	\$127,500	\$107,500	\$100,500	\$40,500	\$55,500	\$530,700
Building Replacement Fund (62)	\$135,280	\$93,500	\$97,000	\$72,000	\$72,000	\$62,000	\$531,780
Grand Total	\$3,782,242	\$2,847,457	\$3,258,542	\$1,029,115	\$564,782	\$334,543	\$11,816,681

The detail projects included in each fund are listed on page 4 and 5 of this document. General Fund capital requests are supported by normal operating revenues. In the Motor Fuel Tax Fund motor fuel tax allotments are the major revenue source supporting projects. Gas utility tax and contributions from the General Fund supports the Capital Projects Fund projects and user charges in the Water and Sewer Fund and the Parking Lot Fund. Replacement Funds are supported by annual contributions from the General and Water/Sewer Funds.

As noted previously, the Department Heads identified the necessary projects and project costs. The chart that follows is a summary of department requests for capital requests that includes amounts for the 2016 budget and five years thereafter. The detail projects by department are listed on page 6 and 7 of this document.

Department	Budget	Forecast					Totals
	2016	2017	2018	2019	2020	2021	
Administration	\$108,280	\$116,000	\$125,000	\$106,000	\$131,000	\$35,000	\$621,280
Police Department	\$258,697	\$242,057	\$208,542	\$181,115	\$187,782	\$224,543	\$1,302,736
Public Works	\$1,224,900	\$516,000	\$466,000	\$423,000	\$197,000	\$21,000	\$2,847,900
Engineering	\$2,164,365	\$1,965,400	\$2,455,000	\$315,000	\$45,000	\$50,000	\$6,994,765
Building Department	\$26,000	\$8,000	\$4,000	\$4,000	\$4,000	\$4,000	\$50,000
Grand Total	\$3,782,242	\$2,847,457	\$3,258,542	\$1,029,115	\$564,782	\$334,543	\$11,816,681

Finally, the following graphs list the total \$11,816,681 in the plan by type.



Capital Projects Summary

By Fund

**CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR END 2016 - 2021 CIP DOCUMENT
BY FUND**

Project	Account No.	Priority	Page #	2016	2017	2018	2019	2020	2021
<u>General Fund (01)</u>									
<u>Administration Department</u>									
Geographic Information System (GIS) Software	01-20-91-99119	1	52	\$7,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
<u>Police Department</u>									
NIPAS Bllistic Vest and Equipment Replacement	01-40-75-77531	1	19				\$7,500		
Records Management System	01-40-91-99103	2	12	\$55,000	\$38,571	\$38,571	\$38,571	\$38,571	\$18,571
<u>Public Works</u>									
Lightning Protection System	01-60-80-88001	2	69	\$10,200					
Liquid Anti-Icing, Deicing Distributor	01-60-80-88001	2	58	\$14,000					
Total General Fund (01)				\$86,700	\$41,071	\$41,071	\$48,571	\$41,071	\$21,071
<u>Motor Fuel Tax Fund (10)</u>									
Crack Sealing Program	10-60-74-77436	2	35	\$50,000	\$25,000	\$30,000	\$35,000	\$40,000	\$45,000
Forest Avenue & MacGillis Dr. Pavement Rehabilitation	10-60-83-88301	2	41	\$388,800					
Rehabilitate Nippersink Road	10-60-83-88301	2	47		\$540,000				
MacGillis Bridge Reconstruction	10-60-83-88301	1	51	\$310,000					
Total Motor Fuel Tax Fund (10)				\$748,800	\$565,000	\$30,000	\$35,000	\$40,000	\$45,000
<u>Capital Projects Fund (35)</u>									
Cedar Lake Road Lift Station/Squaw Creek Bank Stabilization	35-20-73-77307	2	50	\$15,000					
Forest Avenue & MacGillis Dr. Pavement Rehabilitation	35-20-73-77307	2	41	\$21,200					
Pavement Management Strategy	35-20-73-77307	2	40	\$22,000					
Rehabilitate Nippersink Road	35-20-73-77307	2	47	\$30,000					
Valley Lakes Subdivision Selected Roads	35-20-73-77307	2	36	\$6,300					
Back-up Generator	35-20-80-88001	3	25					\$85,000	
Concrete Curb/Gutter & Sidewalk Repair (Phase 1)	35-20-83-88301	2	64	\$50,000	\$50,000	\$50,000	\$50,000		
Fairfield & Route 134 Water Main Improvements (Sidewalk)	35-20-83-88301	2	37				\$20,000		
Long Lake Road (East Half) Improvements	35-20-83-88301	2	39	\$226,365					
Valley Lakes Subdivision Selected Roads	35-20-83-88301	2	36	\$133,700					
Cedar Lake Road Lift Station/Squaw Creek Bank Stabilization	35-20-86-88601	2	50		\$132,000				
Cedar Valley Park Pond Public Flood Control Project	35-20-88-88801	2	38	\$75,000	\$83,400	\$75,000	\$75,000		
Conversion to LED Street Lights Program	35-20-88-88801	2	62	\$40,000	\$40,000	\$40,000	\$40,000		
Parkway Tree Replacement Program	35-20-88-88801	1	65	\$75,000	\$75,000	\$75,000	\$75,000		
Tear Downs	35-20-88-88801	2	34	\$10,000	\$10,000	\$10,000			
Welcome Signs	35-20-88-88801	2	63	\$45,000					
Total Capital Projects Fund (35)				\$749,565	\$390,400	\$250,000	\$260,000	\$85,000	\$0
<u>Water / Sewer Fund (50)</u>									
Chlorine Monitor	50-60-80-88001	1	53	\$5,500					
Gama Jet Manhole Cleaning Nozzle	50-60-80-88001	2	66	\$6,000					
Lightning Protection System	50-60-80-88001	2	69	\$10,200					
Replacement of Cambridge Lift Station	50-60-80-88001	2	56	\$453,000					
"Smoke Test" Sanitary Sewer System Program	50-60-81-88101	2	57	\$25,000	\$25,000	\$25,000	\$25,000		
750,000 Gallon Elevated Tank	50-60-81-88101	2	45		\$55,000	\$2,345,000			
Emergency Water Interconnect	50-60-81-88101	2	43	\$147,000					
Fairfield & Route 134 Water Main Improvements	50-60-81-88101	2	37				\$180,000		
Midland Drive Water Main Replacement	50-60-81-88101	2	46	\$420,000					
Rehabilitate Nippersink Road	50-60-81-88101	2	47	\$6,000	\$110,000				
Replace Non-Operative Water Main Valves & Fire Hydrants	50-60-81-88101	2	55	\$50,000	\$50,000				
Second CLCJAWA Delivery Structure	50-60-81-88101	2	49	\$65,000	\$1,015,000				
Upgrade Controls & Install Back Up Power Generator	50-60-81-88101	2	54	\$63,000	\$73,000	\$83,000			
Water Main Leak Detection Assessment	50-60-81-88101	2	42	\$25,000					
Well #3 Evaluation	50-60-81-88101	2	44	\$5,000					
Geographic Information System (GIS) Software	50-60-91-99119	1	52	\$7,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Total Water / Sewer Fund (50)				\$1,288,200	\$1,330,500	\$2,455,500	\$207,500	\$2,500	\$2,500

**CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR END 2016 - 2021 CIP DOCUMENT
BY FUND**

Project	Account No.	Priority	Page #	2016	2017	2018	2019	2020	2021
<u>Commuter Parking Lot Fund (51)</u>									
Goodnow Parking Lot Repair and Sealing	51-60-86-88601	2	68	\$30,000					
METRA Main Parking Lot Paving	51-60-86-88601	2	48	\$203,000					
Total Commuter Lot Fund (51)				\$233,000	\$0	\$0	\$0	\$0	\$0
<u>Vehicle Replacement Fund (60)</u>									
Radar Trailer	60-40-80-88001	3	20		\$15,000				
Community Service Vehicles	60-40-80-88004	2	9	\$27,196					\$31,500
Police Vehicles	60-40-80-88004	2	10	\$81,588	\$84,036	\$86,557	\$89,153	\$91,828	\$94,583
Community Service Vehicle Equipment	60-40-80-88024	2	9	\$3,713					\$5,000
Police Vehicles Equipment	60-40-80-88024	2	10	\$15,000	\$15,450	\$15,914	\$16,391	\$16,883	\$17,389
Roller	60-60-80-88001	2	67	\$30,000					
Large Dump Trucks	60-60-80-88004	2	61	\$175,000	\$185,000	\$175,000	\$200,000	\$175,000	
Refurbish 5 Yard Dump Truck #54	60-60-80-88004	2	60	\$55,000					
Water Meter Van	60-60-80-88004	2	59	\$32,000					
Vehicle replacement of #16	60-70-80-88004	2	8	\$22,000					
Total Vehicle Replacement Fund (60)				\$441,497	\$299,486	\$277,471	\$305,544	\$283,711	\$148,472
<u>Technology Replacement Fund (61)</u>									
Financial Management System	61-20-91-99103	2	32		\$75,000	\$75,000	\$75,000		
Replace Technology Equipment	61-20-91-99117	2	31	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Replace Village Computers/Server	61-20-91-99117	2	30	\$4,000		\$9,000		\$15,000	\$4,000
Building Video Surveillance System	61-40-91-99117	2	17	\$15,000	\$15,000	\$3,000		\$5,000	
Community Room Technology	61-40-91-99117	2	14	\$1,500	\$3,000			\$6,000	
Interview Room Hi-Definition Video Recording System	61-40-91-99117	2	18	\$7,500	\$5,000				\$2,000
Police Vehicle Mobile Data Computers	61-40-91-99117	2	11	\$15,000	\$15,000				\$15,000
Replace Technology Equipment	61-40-91-99117	2	31	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Replace Village Computers/Server	61-40-91-99117	2	30	\$5,000	\$3,000	\$3,000	\$3,000	\$3,000	\$18,000
UPS Batteries Replacement and Maintenance	61-40-91-99117	2	21	\$5,700		\$10,000			\$6,000
Replace Technology Equipment	61-60-91-99117	2	31	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Replace Technology Equipment (Water/Sewer)	61-60-91-99117	2	31	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Replace Village Computers/Server	61-60-91-99117	2	30	\$1,000			\$15,000	\$2,000	\$3,000
Replace Village Computers/Server (Water/Sewer)	61-60-91-99117	2	30	\$7,000				\$2,000	
SCADA Server & Tags	61-60-91-99117	2	33	\$30,000					
Replace Technology Equipment	61-70-91-99117	2	31	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Replace Village Computers/Server	61-70-91-99117	2	30		\$4,000				
Total Technology Replacement Fund (61)				\$99,200	\$127,500	\$107,500	\$100,500	\$40,500	\$55,500
<u>Building Replacement Fund (62)</u>									
Building Equipment Replacement	62-20-80-88001	3	28	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Temperature Control Systems	62-20-80-88001	2	26	\$35,000					
Office Furniture Repair and Replacement	62-20-80-88018	3	24	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Carpet Repairs	62-20-85-88501	3	23	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Insulate Exposed Attic	62-20-85-88501	2	27	\$18,280					
Painting	62-20-85-88501	3	23	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500
Village Hall Vestibule	62-20-85-88501	3	29	\$10,000					
Building Equipment Replacement	62-40-80-88001	3	28	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Community Room Furniture	62-40-80-88018	3	15		\$6,500				
Office Furniture Repair and Replacement	62-40-80-88018	3	16		\$5,000	\$5,000	\$5,000	\$5,000	
Building Upkeep	62-40-85-88501	3	22	\$15,000	\$15,000	\$10,000	\$5,000	\$5,000	\$5,000
Carpet Repairs	62-40-85-88501	3	13		\$10,000	\$10,000	\$5,000	\$5,000	
Community Room Carpeting	62-40-85-88501	3	15			\$15,000			
Building Equipment Replacement	62-60-80-88001	3	28	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Office Furniture Repair and Replacement	62-60-80-88018	3	24	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Painting	62-60-85-88501	3	23	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Office Furniture Repair and Replacement	62-70-80-88018	3	24	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Total Building Replacement Fund (62)				\$135,280	\$93,500	\$97,000	\$72,000	\$72,000	\$62,000
Grand Total				\$3,782,242	\$2,847,457	\$3,258,542	\$1,029,115	\$564,782	\$334,543

Capital Projects Summary

By Department

**CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR END 2016 - 2021 CIP DOCUMENT
BY DEPARTMENT**

Project	Account No.	Priority	Page #	2016	2017	2018	2019	2020	2021
Administration									
Painting	62-20-85-88501	3	23	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500
Carpet Repairs	62-20-85-88501	3	23	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Office Furniture Repair and Replacement	62-20-80-88018	3	24	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Back-up Generator	35-20-80-88001	3	25					\$85,000	
Temperature Control Systems	62-20-80-88001	2	26	\$35,000					
Insulate Exposed Attic	62-20-85-88501	2	27	\$18,280					
Building Equipment Replacement	62-20-80-88001	3	28	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Village Hall Vestibule	62-20-85-88501	3	29	\$10,000					
Replace Village Computers/Server	61-20-91-99117	2	30	\$4,000		\$9,000		\$15,000	\$4,000
Replace Technology Equipment	61-20-91-99117	2	31	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Financial Management System	61-20-91-99103	2	32		\$75,000	\$75,000	\$75,000		
Tear Downs	35-20-88-88801	2	34	\$10,000	\$10,000	\$10,000			
Total Administration				\$108,280	\$116,000	\$125,000	\$106,000	\$131,000	\$35,000
Police Department									
Community Service Vehicle Equipment	60-40-80-88024	2	9	\$3,713					\$5,000
Community Service Vehicles	60-40-80-88004	2	9	\$27,196					\$31,500
Police Vehicles	60-40-80-88004	2	10	\$81,588	\$84,036	\$86,557	\$89,153	\$91,828	\$94,583
Police Vehicles Equipment	60-40-80-88024	2	10	\$15,000	\$15,450	\$15,914	\$16,391	\$16,883	\$17,389
Police Vehicle Mobile Data Computers	61-40-91-99117	2	11	\$15,000	\$15,000				\$15,000
Records Management System	01-40-91-99103	2	12	\$55,000	\$38,571	\$38,571	\$38,571	\$38,571	\$18,571
Building Equipment Replacement	62-40-80-88001	3	28	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Replace Village Computers/Server	61-40-91-99117	2	30	\$5,000	\$3,000	\$3,000	\$3,000	\$3,000	\$18,000
Replace Technology Equipment	61-40-91-99117	2	31	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Carpet Repairs	62-40-85-88501	3	13		\$10,000	\$10,000	\$5,000	\$5,000	
Community Room Technology	61-40-91-99117	2	14	\$1,500	\$3,000			\$6,000	
Community Room Carpeting	62-40-85-88501	3	15			\$15,000			
Community Room Furniture	62-40-80-88018	3	15		\$6,500				
Office Furniture Repair and Replacement	62-40-80-88018	3	16		\$5,000	\$5,000	\$5,000	\$5,000	
Building Video Surveillance System	61-40-91-99117	2	17	\$15,000	\$15,000	\$3,000		\$5,000	
Interview Room Hi-Definition Video Recording System	61-40-91-99117	2	18	\$7,500	\$5,000				\$2,000
NIPAS Blistic Vest and Equipment Replacement	01-40-75-77531	1	19				\$7,500		
Radar Trailer	60-40-80-88001	3	20		\$15,000				
UPS Batteries Replacement and Maintenance	61-40-91-99117	2	21	\$5,700		\$10,000			\$6,000
Building Upkeep	62-40-85-88501	3	22	\$15,000	\$15,000	\$10,000	\$5,000	\$5,000	\$5,000
Total Police Department				\$258,697	\$242,057	\$208,542	\$181,115	\$187,782	\$224,543
Building Department									
Vehicle replacement of #16	60-70-80-88004	2	8	\$22,000					
Office Furniture Repair and Replacement	62-70-80-88018	3	24	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Replace Village Computers/Server	61-70-91-99117	2	30		\$4,000				
Replace Technology Equipment	61-70-91-99117	2	31	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Total Building Department				\$26,000	\$8,000	\$4,000	\$4,000	\$4,000	\$4,000
Public Works									
Painting	62-60-85-88501	3	23	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Office Furniture Repair and Replacement	62-60-80-88018	3	24	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Building Equipment Replacement	62-60-80-88001	3	28	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Replace Village Computers/Server	61-60-91-99117	2	30	\$1,000			\$15,000	\$2,000	\$3,000
Replace Village Computers/Server (Water/Sewer)	61-60-91-99117	2	30	\$7,000				\$2,000	
Replace Technology Equipment	61-60-91-99117	2	31	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Replace Technology Equipment (Water/Sewer)	61-60-91-99117	2	31	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
SCADA Server & Tags	61-60-91-99117	2	33	\$30,000					
"Smoke Test" Sanitary Sewer System Program	50-60-81-88101	2	57	\$25,000	\$25,000	\$25,000	\$25,000		
Large Dump Trucks	60-60-80-88004	2	61	\$175,000	\$185,000	\$175,000	\$200,000	\$175,000	
Chlorine Monitor	50-60-80-88001	1	53	\$5,500					
Concrete Curb/Gutter & Sidewalk Repair (Phase 1)	35-20-83-88301	2	64	\$50,000	\$50,000	\$50,000	\$50,000		
Conversion to LED Street Lights Program	35-20-88-88801	2	62	\$40,000	\$40,000	\$40,000	\$40,000		
Gama Jet Manhole Cleaning Nozzle	50-60-80-88001	2	66	\$6,000					
Goodnow Parking Lot Repair and Sealing	51-60-86-88601	2	68	\$30,000					
Lightning Protection System	01-60-80-88001	2	69	\$10,200					
Lightning Protection System	50-60-80-88001	2	69	\$10,200					
Liquid Anti-Icing, Deicing Distributor	01-60-80-88001	2	58	\$14,000					
Parkway Tree Replacement Program	35-20-88-88801	1	65	\$75,000	\$75,000	\$75,000	\$75,000		
Refurbish 5 Yard Dump Truck #54	60-60-80-88004	2	60	\$55,000					
Replace Non-Operative Water Main Valves & Fire Hydrants	50-60-81-88101	2	55	\$50,000	\$50,000				
Replacement of Cambridge Lift Station	50-60-80-88001	2	56	\$453,000					
Roller	60-60-80-88001	2	67	\$30,000					
Upgrade Controls & Install Back Up Power Generator	50-60-81-88101	2	54	\$63,000	\$73,000	\$83,000			
Water Meter Van	60-60-80-88004	2	59	\$32,000					
Welcome Signs	35-20-88-88801	2	63	\$45,000					
Total Public Works				\$1,224,900	\$516,000	\$466,000	\$423,000	\$197,000	\$21,000

**CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR END 2016 - 2021 CIP DOCUMENT
BY DEPARTMENT**

Project	Account No.	Priority	Page #	2016	2017	2018	2019	2020	2021
Engineering									
Crack Sealing Program	10-60-74-77436	2	35	\$50,000	\$25,000	\$30,000	\$35,000	\$40,000	\$45,000
Valley Lakes Subdivision Selected Roads	35-20-73-77307	2	36	\$6,300					
Valley Lakes Subdivision Selected Roads	35-20-83-88301	2	36	\$133,700					
Fairfield & Route 134 Water Main Improvements	50-60-81-88101	2	37				\$180,000		
Fairfield & Route 134 Water Main Improvements (Sidewalk)	35-20-83-88301	2	37				\$20,000		
Cedar Valley Park Pond Public Flood Control Project	35-20-88-88801	2	38	\$75,000	\$83,400	\$75,000	\$75,000		
Long Lake Road (East Half) Improvements	35-20-83-88301	2	39	\$226,365					
Pavement Management Strategy	35-20-73-77307	2	40	\$22,000					
Forest Avenue & MacGillis Dr. Pavement Rehabilitation	10-60-83-88301	2	41	\$388,800					
Forest Avenue & MacGillis Dr. Pavement Rehabilitation	35-20-73-77307	2	41	\$21,200					
Water Main Leak Detection Assessment	50-60-81-88101	2	42	\$25,000					
Emergency Water Interconnect	50-60-81-88101	2	43	\$147,000					
Well #3 Evaluation	50-60-81-88101	2	44	\$5,000					
750,000 Gallon Elevated Tank	50-60-81-88101	2	45		\$55,000	\$2,345,000			
Midland Drive Water Main Replacement	50-60-81-88101	2	46	\$420,000					
Rehabilitate Nippersink Road	10-60-83-88301	2	47		\$540,000				
Rehabilitate Nippersink Road	35-20-73-77307	2	47	\$30,000					
Rehabilitate Nippersink Road	50-60-81-88101	2	47	\$6,000	\$110,000				
Second CLCJAWA Delivery Structure	50-60-81-88101	2	49	\$65,000	\$1,015,000				
Cedar Lake Road Lift Station/Squaw Creek Bank Stabilization	35-20-73-77307	2	50	\$15,000					
Cedar Lake Road Lift Station/Squaw Creek Bank Stabilization	35-20-86-88601	2	50		\$132,000				
MacGillis Bridge Reconstruction	10-60-83-88301	1	51	\$310,000					
Geographic Information System (GIS) Software	01-20-91-99119	1	52	\$7,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Geographic Information System (GIS) Software	50-60-91-99119	1	52	\$7,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
METRA Main Parking Lot Paving	51-60-86-88601	2	48	\$203,000					
Total Engineering				\$2,164,365	\$1,965,400	\$2,455,000	\$315,000	\$45,000	\$50,000
Grand Total				\$3,782,242	\$2,847,457	\$3,258,542	\$1,029,115	\$564,782	\$334,543

Capital Projects Summary

All Capital Projects

Building Department

Capital Projects/Acquisition Requests

Capital Project/Acquisition Request

Department: Building Department

Requested By: S. Shields

Title: Vehicle replacement of #16

FYE: 2016

Programmed in another fund? Vehicle Replacement

Project Description/ Replacement of Building Department truck #16. The other building department vehicle (#18) was replaced in fiscal Capital Request: year end 2015.

Anticipated Benefits: Reliable transportation for the purpose of patrolling village for property maintenance inspections. Trucks are preferred over sedans due to their durability. Less maintenance charges and better fuel efficiency.

Existing Condition: The Ford Ranger (#16) is nearing the end of its useful life and will not be reliable transportation. Vehicle will be approximately 14 years old if replaced in 2016.

Fiscal Year End Needed: 2016 Lead Time in months: 1.5 months Priority: 2

Account Number	Description	2016	2017	Total Project Costs			2019	2020	Total
				2018					
60-70-80-88004	New Vehicle	\$22,000	\$0	\$0	\$0	\$0	\$0	\$0	\$22,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$22,000	\$0	\$0	\$0	\$0	\$0	\$0	\$22,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$22,000	\$0	\$0	\$0	\$0	\$0	\$0	\$22,000

Fund(s) Supporting Cost: Vehicle Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other Servicing/gas

Annual Operating Costs: \$2,000

Identify Annual Costs: Cost based on as 2014 Ford F-150 paid for in October 2014 at a cost of \$17,851.
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Police Department

Capital Projects/Acquisition Requests

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Community Service Vehicle

FYE: 2016

Project Description/ Acquisition and deployment of one Community Service Officer light SUV or truck, which also includes vehicle
Capital Request: equipment. The vehicle will replace the 2002 Ford Explorer that is currently in service.

Anticipated Benefits: The anticipated benefits of the purchase of a new vehicle for the police department Community Service Officer includes a reduction in maintenance costs associated with the 2002 Ford Explorer that will be near or at its workable service life after 14 years.

Existing Condition: The total cost for equipment reflects any new equipment that will have to be bought to outfit the model vehicle that replaces the 2002 Ford Explorer that may not change over, or that which is simply outdated or worn out. Installation is included by use of the Facility and Fleet Coordinator who can install the equipment in vehicles. That may reduce the overall cost estimate.

Fiscal Year End Needed: 2016 **Lead Time in months:** 3 mos. **Priority:** 2

Account Number	Description	2016	2017	Total Project Costs		2020	2021	Total
				2018	2019			
60-40-80-88024	Equipment	\$3,713	\$0	\$0	\$0	\$0	\$5,000	\$8,713
60-40-80-88004	Vehicles	\$27,196	\$0	\$0	\$0	\$0	\$31,500	\$58,696
	Fund subtotal	\$30,909	\$0	\$0	\$0	\$0	\$36,500	\$67,409
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$30,909	\$0	\$0	\$0	\$0	\$36,500	\$67,409

Fund(s) Supporting Cost: Vehicle Replacement Fund

Funding Sources: Replacement funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other Repairs and preventive maintenance services

Annual Operating Costs: -

Identify Annual Costs: Periodic maintenance, repairs, gas & oil.
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Police Vehicles

FYE: 2016

Project Description/ Acquisition and deployment of a police vehicle(s), which includes vehicle equipment.

Capital Request:

Anticipated Benefits: The anticipated benefits of the acquisition of new vehicles for the police department include reduced maintenance costs associated with older vehicles and a reasonable rotation of vehicles to ensure the maximum life and deployment of police vehicles dependent upon the function of the vehicle. The actual price of the 2014/15 model vehicles has not been released at time of report. The price considered is last years price with the addition of a 3% inflation estimate.

Existing Condition: The 2015 model year will be the third year of the new product line of Ford Police Interceptors and Explorers. We know that some equipment can successfully be recycled from the remaining Ford Crown Victorias; however, it is not clear what current equipment will be have a serviceable life and as well as be compatible with the new model. Installation is included in the estimate; however, if the Facility & Fleet Coordinator can install the equipment in, then the installation costs will be less than stated.

Fiscal Year End Needed: Various **Lead Time in months:** 3 mos. **Priority:** 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
60-40-80-88024	Equipment	\$15,000	\$15,450	\$15,914	\$16,391	\$16,883	\$17,389	\$97,027
60-40-80-88004	Vehicles	\$81,588	\$84,036	\$86,557	\$89,153	\$91,828	\$94,583	\$527,745
-	Fund subtotal	\$96,588	\$99,486	\$102,471	\$105,544	\$108,711	\$111,972	\$624,772
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$96,588	\$99,486	\$102,471	\$105,544	\$108,711	\$111,972	\$624,772

Fund(s) Supporting Cost: Vehicle Replacement Fund

Funding Sources: Replacement funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s):

Other Resources Needs: Municipal Staff

Legal

Engineering

Other

Repairs and preventive maintenance services

Annual Operating Costs: -

Identify Annual Costs: Periodic maintenance, repairs, gas & oil.

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Police Vehicle Mobile Data Computers

FYE: 2016

Project Description/ Acquisition of a police vehicle Mobile Data Computers.

Capital Request:

Anticipated Benefits: The anticipated benefits of the acquisition of replacement Mobile Data Computers is the reduction of failures and adaptation of modern operating software.

Existing Condition: Our computers are at the end of our servicable life and are beginning to suffer from compatability issues due to software size and technology. Many of the computers we use are borrowed from another agency.

Fiscal Year End Needed: Various **Lead Time in months:** 3 mos. **Priority:** 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
61-40-91-99117	Equipment	\$15,000	\$15,000	\$0	\$0	\$0	\$15,000	\$45,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$15,000	\$15,000	\$0	\$0	\$0	\$15,000	\$45,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$15,000	\$15,000	\$0	\$0	\$0	\$15,000	\$45,000

Fund(s) Supporting Cost: Technology Replacement Fund

Funding Sources: Replacement funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s):

Other Resources Needs: Municipal Staff

Legal

-

Engineering

-

Other

Repairs and preventive maintenance services

Annual Operating Costs: -

Identify Annual Costs: Periodic maintenance.

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Records Management System (Phase 1 and 2)

FYE: 2016

Project Description/ Installation of a comprehensive records management system. **NOTE:** This is a ten year lease project with an estimated **Capital Request:** 10-year cost of \$302,050.

Anticipated Benefits: The Records Management System Currently in place is adequate but antiquated. A modern system will provide greater data repository capability, crime analysis features not currently available and enhanced reporting and access to the Department's criminal justice information in police vehicles.

Existing Condition: The Department currently uses an antiquated records management system that does not provide for comprehensive record keeping, search capabilities, report writing, mobile reporting, Live scan or jail bookings. It does not integrate with any other processes which limits reporting ability and even simple analysis is difficult.

Fiscal Year End Needed: 2016

Lead Time in months: 3 mos.

Priority: 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
01-40-91-99107	Installation	\$55,000	\$38,571	\$38,571	\$38,571	\$38,571	\$18,571	\$227,855
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$55,000	\$38,571	\$38,571	\$38,571	\$38,571	\$18,571	\$227,855
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$55,000	\$38,571	\$38,571	\$38,571	\$38,571	\$18,571	\$227,855

Fund(s) Supporting Cost: General Fund

Funding Sources: General Fund Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs:

Identify Annual Costs: Due to economics and the need to conserve and make due, the police department has postponed this request for many (personnel, equipment, years, subscriptions, utilities, and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Carpet Repairs

FYE: 2016

Project Description/ Repair and replace carpet at the Police Station that need such work.

Capital Request:

Anticipated Benefits: The Police Station will be about 10 years old in FYE 2016. There will be upkeep needs including carpet repair and replacement needs in the most traveled sections of the building if not the entire building.

Existing Condition: Currently, the building carpet is cleaned and maintained twice annually, so it is in a good state of repair. This project is anticipated for future repairs that happen as the building ages.

Fiscal Year End Needed: 2017 Lead Time in months: 3 mos. Priority: 3

Account Number	Description	2016	2017	Total Project Costs		2020	2021	Total
				2018	2019			
62-40-85-88501	Carpet Repairs	\$0	\$10,000	\$10,000	\$5,000	\$5,000	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$10,000	\$10,000	\$5,000	\$5,000	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$0	\$10,000	\$10,000	\$5,000	\$5,000	\$0	\$30,000

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs: This was a capital project is scheduled for the FYE 2016 and years thereafter, if needed due to regular or unexpected (personnel, equipment, building maintenance and age issues. This project will be economics driven and may be adjusted on an as needed subscriptions, utilities, and basis to conserve and make due if repairs are only minor and the floor coverings remain in good repair. other items.)

Use Carpet(Gurnee) for a pricing quote when appropriate.

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Community Room Technology

FYE: 2016

Project Description/ Replacement of Projector, DVD, Blue Ray or comparable Video playing device, Sound system and/or other

Capital Request: technology as modern science changes through time or wear.

Anticipated Benefits: The Community Room is open for use to the citizens and residents of the Village. As a result it is widely used. The hospitality the Village extends is a good representation of the Village care for the community.

Existing Condition: As the Community room is open to the public, it is important to keep the room fresh, comfortable and inviting to use. The technology has currently reached or is reaching the end of serviceable life.

Fiscal Year End Needed: 2016

Lead Time in months: 3 mos.

Priority: 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
61-40-91-99117	Installation	\$1,500	\$3,000	\$0	\$0	\$6,000	\$0	\$10,500
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$1,500	\$3,000	\$0	\$0	\$6,000	\$0	\$10,500
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$1,500	\$3,000	\$0	\$0	\$6,000	\$0	\$10,500

Fund(s) Supporting Cost: Technology Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -

Legal -

Engineering -

Other -

Annual Operating Costs: -

Identify Annual Costs: Replacement of Community Room Technology

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Community Room Furniture and Carpeting

FYE: 2016

Project Description/ Replacement of chairs in FYE 2017, replacement of carpeting in the FYE 2018 if needed.

Capital Request:

Anticipated Benefits: The Community Room is open for use to the citizens and residents of the Village. As a result is it widely used. The hospitality the Village extends is a good representation of the Village care for the community.

Existing Condition: As the Community room is open to the public, it is important to keep the room fresh, comfortable and inviting to use. The chairs are currently reaching the end of serviceable life in a setting such as the public Community Room.

Fiscal Year End Needed: 2017 Lead Time in months: 3 mos. Priority: 3

Account Number	Description	2016	2017	Total Project Costs		2020	2021	Total
				2018	2019			
62-40-80-88018	Chairs	\$0	\$6,500	\$0	\$0	\$0	\$0	\$6,500
62-40-85-88501	Carpet	\$0	\$0	\$15,000	\$0	\$0	\$0	\$15,000
	Fund subtotal	\$0	\$6,500	\$15,000	\$0	\$0	\$0	\$21,500
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$0	\$6,500	\$15,000	\$0	\$0	\$0	\$21,500

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs: Replacement of furniture and Carpeting over a two year span.
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Office Furniture Repair and Replacement

FYE: 2016

Project Description/ Replacement and repair of facility furniture (desks, chairs, tables, etc.) as needed.

Capital Request:

Anticipated Benefits: Keeping the furniture used in the building promotes a healthy, clean and functional work environment. Replacing broken and worn out office furniture can potentially reduce workers compensation claims from accidents and poor ergonomic support. Keeping furniture fresh also offers a professional public appearance to outside visitors.

Existing Condition: Some chairs are reaching the end of serviceable life and will need to be replaced at some point in the future.

Fiscal Year End Needed: 2016

Lead Time in months: 3 mos.

Priority: 3

Account Number	Description	2016	2017	Total Project Costs		2020	2019	Total
				2018	2019			
62-40-80-88018	Installation	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$0	\$20,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$0	\$20,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$0	\$20,000

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -

Legal -

Engineering -

Other -

Annual Operating Costs: -

Identify Annual Costs: Replacement of furniture as needed for attrition, wear, or needs driven by technology changes.
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Building Video Surveillance System

FYE: 2016

Project Description/ Replacement of the Building Video Surveillance System as needed due to wear, age, out dated mechanics and
Capital Request: electronics.

Anticipated Benefits: The Building Video Surveillance System is an original tool in place when the building was first opened. It runs 24 hours a day, 7 days per week. The system is no different than personal home video recording devices except that the machine uses a hard drive to record on rather than a removable disc. Wear and dating is an issue to deal with concerning this machine.

Existing Condition: The system is showing serious wear now, in January 2015. The DVR, cameras, and especially monitors are wearing out. The recorder is out-of-service.

Fiscal Year End Needed: 2016 **Lead Time in months:** 3 mos. **Priority:** 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
61-40-91-99117	Purchase	\$15,000	\$15,000	\$3,000	\$0	\$5,000	\$0	\$38,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$15,000	\$15,000	\$3,000	\$0	\$5,000	\$0	\$38,000
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$15,000	\$15,000	\$3,000	\$0	\$5,000	\$0	\$38,000

Fund(s) Supporting Cost: Technology Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds and Seizure Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal
Engineering
Other

Annual Operating Costs: -

Identify Annual Costs: The system is relatively inexpensive once installed. It demands little maintenance, and periodic checks. The system (personnel, equipment, that we currently have requires no updated software for the recording device. subscriptions, utilities, and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Interview Room Hi-Definition Video Recording System

FYE: 2016

Project Description/ Replacement of the Building Video Surveillance System as needed due to wear, age, out dated mechanics and

Capital Request: electronics.

Anticipated Benefits: The Interview Room Video Recording system is an original VHS VCR tool in place when the building was first opened. It does not run 24 hours a day, 7 days per week. The system is subject to electronics failure and aging it is different from personal home video recording devices in that it must be kept up to date and is required by law to have. Wear and dating is an issue to deal with concerning this machine. The machine is grossly out-of-date and is in need of replacement now.

Existing Condition: The system is showing serious wear now, in January 2014. The DVR, cameras, and especially monitors are wearing out.

Fiscal Year End Needed: 2016 **Lead Time in months:** 3 mos. **Priority:** 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
61-40-91-99117	Purchase	\$7,500	\$5,000	\$0	\$0	\$0	\$2,000	\$14,500
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$7,500	\$5,000	\$0	\$0	\$0	\$2,000	\$14,500
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$7,500	\$5,000	\$0	\$0	\$0	\$2,000	\$14,500

Fund(s) Supporting Cost: Technology Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds and Seizure Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs: The system is relatively inexpensive once installed. It demands little maintenance, and periodic checks. The system (personnel, equipment, that we currently have requires no updated software for the recording device. This system is required in cases of subscriptions, utilities, First & Second Degree Murder, manslaughter, DUI involving death, and several other criminal interviews. This and other items.) system is only used in the interview room.

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: NIPAS Blistic Vest and Equipment Replacement

FYE: 2016

Project Description/ Replacement of the NIPAS member Ballistic Vest and Equipment is required through product expiration. The
Capital Request: NIPAS vest was last purchased in 2014.

Anticipated Benefits: The NIPAS member Ballistic Vest is used often and the anticipated benefits are with proper care and replacement should remain a viable life safety option for the officer using it.

Existing Condition: In July of 2014 the vest was purchased new. It and other worn equipment will come due in 2019.

Fiscal Year End Needed: 2019 **Lead Time in months:** 3 mos. **Priority:** 1

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
01-40-75-77531	Purchase	\$0	\$0	\$0	\$7,500	\$0	\$0	\$7,500
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$7,500	\$0	\$0	\$7,500
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$0	\$0	\$0	\$7,500	\$0	\$0	\$7,500

Fund(s) Supporting Cost: General Fund

Funding Sources: General Fund Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -

Legal -

Engineering -

Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Radar Trailer

FYE: 2016

Project Description/ Replacement of radar trailer. By 2017, the current radar trailer will over ten years old and ready for replacement.

Capital Request: Currently, replacement parts are not produced and need to be custom made or retro-fitted. Five years ago the machine was damaged in a storm and no longer has solar charging capabilities.

Anticipated Benefits: The radar trailer is a popular and useful tool in helping the department address speeding complaints lodged by residents, and when we suspect speeding may be a problem in an area.

Existing Condition: In July of 2010 the trailer was outside when a sudden violent windstorm struck the Round Lake area and surrounding suburbs. The trailer was blown over onto its side. In the fall the solar panel that helps keep the trailer batteries charged was destroyed. The manufacturer no longer supplies parts to replace the solar panel. The trailer still works at a reduced level.

Fiscal Year End Needed: 2017

Lead Time in months: 3 mos.

Priority: 1

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
60-40-80-88001	Purchase	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000

Fund(s) Supporting Cost: Vehicle Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: UPS Batteries Replacement and Maintenance

FYE: 2016

Project Description/ The uninterrupted power supply at the police station is 10 years old. It has not been serviced since 2007. It is meeting
Capital Request: or has exceeded the anticipated life of critical components in the system.

Anticipated Benefits: This project is to develop a plan to address building needs as the needs are presented.

Existing Condition: The building will be ten years old this year and is in need of some attention.

Fiscal Year End Needed: 2016 **Lead Time in months:** 3 mos. **Priority:** 1

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
61-40-91-99117	Purchase	\$5,700	\$0	\$10,000	\$0	\$0	\$6,000	\$21,700
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$5,700	\$0	\$10,000	\$0	\$0	\$6,000	\$21,700
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$5,700	\$0	\$10,000	\$0	\$0	\$6,000	\$21,700

Fund(s) Supporting Cost: Technology Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -

Legal -

Engineering -

Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Police

Requested By: Michael Gillette

Title: Building Upkeep

FYE: 2016

Project Description/ The Police, Public Works Building and Community Room are 10 years old. The building is beginning to show signs
Capital Request: of wear and is in need of painting in many locations inside and outside.

Anticipated Benefits: This project is to develop a plan to address building needs as the needs for painting and wall repairs are presented.

Existing Condition: The building is almost ten years old. As such, there are many locations inside and on the exterior that need some attention in regards to chalking, window replacement, painting, plumbing and other general repairs.

Fiscal Year End Needed: 2016 Lead Time in months: 3 mos. Priority: 1

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
62-40-85-88501	Purchase	\$15,000	\$15,000	\$10,000	\$5,000	\$5,000	\$5,000	\$55,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$15,000	\$15,000	\$10,000	\$5,000	\$5,000	\$5,000	\$55,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$15,000	\$15,000	\$10,000	\$5,000	\$5,000	\$5,000	\$55,000

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Administration

Capital Projects/Acquisition Requests

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: Carpet Repairs

FYE: 2016

Project Description/ Repair and replace carpet at the Village Hall & painting of certain areas

Capital Request:

Anticipated Benefits: The Village Hall will be about 16 years old in FYE 2016. There will be upkeep needs including carpet repair and replacement needs in the most traveled sections of the building if not the entire building. In addition, the need for painting certain walls will need to be done as the building ages.

Existing Condition: Currently, the building carpet is spotted and has been repaired in previous years. This project is anticipated for future repairs/replacement of carpeting that happen as the building ages. Instead of doing the entire building at once, dollars were allocated annually to do sections of the building (upstairs/downstairs, North versus south, etc...) for both carpet and painting of certain areas.

Fiscal Year End Needed: 2016

Lead Time in months: 3 mos.

Priority: 3

Account Number	Description	Total Project Costs						Total
		2016	2017	2018	2019	2020	2021	
62-20-85-88501	Carpet Repl.	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$45,000
62-20-85-88501	Painting	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$27,000
62-60-85-88501	Painting	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$15,000
	Fund subtotal	\$14,500	\$14,500	\$14,500	\$14,500	\$14,500	\$14,500	\$87,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$14,500	\$14,500	\$14,500	\$14,500	\$14,500	\$14,500	\$87,000

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs: This capital project is scheduled for the FYE 2016 and years thereafter, if needed due to regular or unexpected building (personnel, equipment, maintenance and age issues. This project will be economics driven and may be adjusted on an as needed basis to conserve and subscriptions, utilities, make due if repairs are only minor and the floor coverings remain in good repair. and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: Office Furniture Repair and Replacement

FYE: 2016

Project Description/ Village Hall replacement and repair of facility furniture (desks, chairs, tables, etc.) as needed. Includes an amount for Public
Capital Request: Works furniture. Police Department included furniture in their CIP requests.

Anticipated Benefits: Keeping the furniture used in the building promotes a healthy, clean and functional work environment. Replacing broken and worn out office furniture can potentially reduce workers compensation claims from accidents and poor ergonomic support. Keeping furniture fresh also offers a professional public appearance to outside visitors.

Existing Condition: Some chairs are reaching the end of serviceable life and will need to be replaced at some point in the future. Specifically, the kitchen area chairs have been cleaned a number of times and appear to be at the end of their useful life.

Fiscal Year End Needed: 2016 **Lead Time in months:** 3 mos. **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2016	2017	2018	2019	2020	2021	
62-20-80-88018	Office Furniture	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$45,000
62-60-80-88018	Office Furniture	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$15,000
62-70-80-88018	Office Furniture	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$15,000
-	Fund subtotal	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$75,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$75,000

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -

Legal -

Engineering -

Other -

Annual Operating Costs: -

Identify Annual Costs: Replacement of furniture as needed for attrition, wear, or needs driven by technology changes.
 (personnel, equipment,
 subscriptions, utilities,
 and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: Village Hall back-up electrical generator

FYE: 2016

Project Description/ Design and install back-up generator and transfer equipment for the Village Hall.

Capital Request:

Anticipated Benefits: The Village will be able to maintain power at the Village Hall during emergencies and power outages.

Existing Condition: Currently, there is no back-up power for the Village Hall.

Fiscal Year End Needed: 2020 Lead Time in months: 6-12 months Priority: 3

Account Number	Description	2016	2017	Total Project Costs		2020	2021	Total
				2018	2019			
35-20-80-88001	Design & Install	\$0	\$0	\$0	\$0	\$85,000	\$0	\$85,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$85,000	\$0	\$85,000
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$0	\$0	\$0	\$0	\$85,000	\$0	\$85,000

Fund(s) Supporting Cost: Capital Projects Fund

Funding Sources: Capital Project Fund Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other Contractor(s)

Annual Operating Costs: \$1,500

Identify Annual Costs: For maintenance and testing annually.
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: Over Hauling Existing Temperature Control Systems

FYE: 2016

Project Description/ Replace existing system and install remote sensors in all offices. Was in he fiscal year 2015 budget, moved to fiscal year

Capital Request: end 2016 and increased from \$29,500 to \$35,000.

Anticipated Benefits: Manage temperature controls more effectively

Existing Condition: The control system is not working properly as it exists now.

Fiscal Year End Needed: 2016

Lead Time in months: 3 mos.

Priority: 3

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
62-20-80-88001	Design & Install	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s):

Other Resources Needs: Municipal Staff

Legal

Engineering

Other

Contractor(s)

Annual Operating Costs:

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number:

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: Insulate Exposed Attic

FYE: 2016

Project Description/ Insulate attic. This capital item was moved from fiscal year end 2015 to fiscal year end 2016.

Capital Request:

Anticipated Benefits: Increase R value to R60 for better control of temperature in the Village Hall.

Existing Condition: There is very little insulation in the Village Hall attic. In addition, if needed heating wire was added to facilitate the melting of the ice/icicles on the roof. This will improve the safety of the Village Hall front entrance where ice tends to form.

Fiscal Year End Needed: 2016 Lead Time in months: 3 mos. Priority: 3

Account Number	Description	Total Project Costs						Total
		2016	2017	2018	2019	2020	2021	
62-20-85-88501	Installation	\$15,780	\$0	\$0	\$0	\$0	\$0	\$15,780
	Heating Wire	\$2,500	\$0	\$0	\$0	\$0	\$0	\$2,500
	Fund subtotal	\$18,280	\$0	\$0	\$0	\$0	\$0	\$18,280
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$18,280	\$0	\$0	\$0	\$0	\$0	\$18,280

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff

Legal

Engineering

Other

Contractor(s)

Annual Operating Costs:

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: Building Equipment Replacement

FYE: 2016

Project Description/ Heating/air and other building equipment

Capital Request:

Anticipated Benefits: Manage unforeseen failures with monies allocated to such issues. Should the need arise this would be used for total replacement (not repairs) for items such as furnaces, air conditioners, exhaust fans, water heaters, and the like, for the Village Hall and the Police/Public Works Facilities.

Existing Condition: Both buildings/all units are aging.

Fiscal Year End Needed: 2016

Lead Time in months: 3 mos.

Priority: 3

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
62-20-80-88001	Replacement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
62-40-80-88001	Replacement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
62-60-80-88001	Replacement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
	Fund subtotal	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$180,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$180,000

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff

Legal

Engineering

Other

Contractor(s)

Annual Operating Costs:

Identify Annual Costs: This capital project is scheduled for the FYE 2016 and years thereafter, if needed due to unexpected building age issues.
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: Village Hall Vestibule

FYE: 2016

Project Description/ Replace Village Hall entrance items with customer friendly and visually appealing décor. This could include display cases, an area for the flags, and additional space for informational material that is well organized and easy to review. This project also includes replacement of the area between the two bathrooms with a customer friendly counter area. This project was moved from fiscal year end 2015 to fiscal year end 2016.

Capital Request:

Anticipated Benefits: Better appearance and information for residents in one area

Existing Condition: Beside a few chairs there is an old movable cart in the foyer.

Fiscal Year End Needed: 2016

Lead Time in months: 3 mos.

Priority: 3

Account Number	Description	2016	2017	Total Project Costs		2020	2021	Total
				2018	2019			
62-20-85-88501	Office Furniture	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: Replace Village Computers

FYE: 2016

Project Description/ Replace existing desktop systems and servers.

Capital Request:

Anticipated Benefits: Improved interoffice communication, calendar monitoring, email routing, etc. Keep up with IT changes to ensure efficiently operating computers. Each computer budgeted at \$1,000 and servers are budgeted at \$15,000 (equipment & labor). The amount for PW in 2016 includes \$5,000 for a ruggedized laptop.

Existing Condition: IT replacement plan

Fiscal Year End Needed: 2016

Lead Time in months: -

Priority: 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
61-70-91-99117	Computers: Bldg	\$0	\$4,000	\$0	\$0	\$0	\$0	\$4,000
61-40-91-99117	Computers: PD	\$5,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$20,000
61-60-91-99117	Computers: PW	\$1,000	\$0	\$0	\$0	\$2,000	\$3,000	\$6,000
61-20-91-99117	Computers: Adm	\$4,000	\$0	\$9,000	\$0	\$0	\$2,000	\$15,000
61-60-91-99117	Server (1): PW	\$0	\$0	\$0	\$15,000	\$0	\$0	\$15,000
61-20-91-99117	Server (1): VH	\$0	\$0	\$0	\$0	\$15,000	\$0	\$15,000
61-40-91-99117	Server (2): PD	\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000
	Fund subtotal	\$10,000	\$7,000	\$12,000	\$18,000	\$20,000	\$23,000	\$90,000
61-60-91-99117	Computer: Water	\$7,000	\$0	\$0	\$0	\$2,000	\$0	\$9,000
61-60-91-99117	Server (1): Water	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$7,000	\$0	\$0	\$0	\$2,000	\$0	\$9,000
	Total	\$17,000	\$7,000	\$12,000	\$18,000	\$22,000	\$23,000	\$99,000

Fund(s) Supporting Cost: Technology Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff

Legal

Engineering

Other

Contractor(s)

Annual Operating Costs: -

Identify Annual Costs: No annual operating costs, with the exception of normal cleaning and IT support maintenance. (personnel, equipment, subscriptions, utilities, and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: Replace Village Technology Equipment

FYE: 2016

Project Description/ Start to replace old computer monitors that have not been replaced as part of the computer replacements. This would be

Capital Request: done mainly in FYE 2015 and 2016. In the years thereafter the amounts are for equipment failures.

Anticipated Benefits: Manage unforeseen failures with monies allocated to such issues. This would include printers, fax machines, digital camera's and other technology equipment that may fail and in need of replacement

Existing Condition: Equipment as needed.

Fiscal Year End Needed: 2016

Lead Time in months: -

Priority: 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
61-70-91-99117	Equipment: Bldg	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$9,000
61-40-91-99117	Equipment: PD	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$9,000
61-60-91-99117	Equipment: PW	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$9,000
61-20-91-99117	Equipment: Adm	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$9,000
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	Fund subtotal	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$36,000
61-60-91-99117	Equipment: Water	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$9,000
-	-	-	-	-	-	-	-	-
-	Fund subtotal	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$9,000
-	Total	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$45,000

Fund(s) Supporting Cost: Technology Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff

Legal

Engineering

Other

Contractor(s)

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: Financial Management Software

FYE: 2016

Project Description/ Installation of a comprehensive financial management system.

Capital Request:

Anticipated Benefits: The financial management system currently in place is adequate but antiquated. An updated system will provide greater efficiency and productivity, easier report generation, and other capabilities.

Existing Condition: The Village's current software system is 15 years old.

Fiscal Year End Needed: 2017

Lead Time in months: 6 months

Priority: 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
61-40-91-99103	Installation	\$0	\$75,000	\$75,000	\$75,000	\$0	\$0	\$225,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$75,000	\$75,000	\$75,000	\$0	\$0	\$225,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$0	\$75,000	\$75,000	\$75,000	\$0	\$0	\$225,000

Fund(s) Supporting Cost: Technology Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds and Seizure Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff
Legal
Engineering
Other

Annual Operating Costs:

Identify Annual Costs: Annual maintenance costs.
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: SCADA Server

FYE: 2016

Project Description/ Installation of a new SCADA Server

Capital Request:

Anticipated Benefits: SCADA server has outlived its useful life. The amount below includes the server, labor, and licensing requirements. Labor includes installing the server and moving te existing SCaDA data to the new server.

Existing Condition: SCADA Server replacement is on the Information Technology plan for replacement in 2015. Item moved to fiscal year end 2016.

Fiscal Year End Needed: 2016 **Lead Time in months:** 6 months **Priority:** 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
61-60-91-99103	Installation	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000

Fund(s) Supporting Cost: Technology Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds and Seizure Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs:

Identify Annual Costs: Annual maintenance costs.
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Administration

Requested By: S. Shields

Title: Tear Downs

FYE: 2016

Project Description/ Tear down of vacant property should the property become blighted. Tear down would only occur based on the

Capital Request: Village's legal authority, a policy in place, grant funds available, or a combination of such factors. \$20,000 was budgeted as a place holder should the need arise to tear down a property. The house owned by the Village (525 Hart) was torn down for approximately \$10,000 in fiscal year end 2015.

Anticipated Benefits: Improved appearance of the neighborhood.

Existing Condition: There is a few vacant homes in residential areas that are starting to be blighted due to no entity wanting to take ownership of such property.

Fiscal Year End Needed: 2016 **Lead Time in months:** 6 months **Priority:** 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
35-20-88-88801	Installation	\$10,000	\$10,000	\$10,000	\$0	\$0	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$10,000	\$10,000	\$10,000	\$0	\$0	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$10,000	\$10,000	\$10,000	\$0	\$0	\$0	\$30,000

Fund(s) Supporting Cost: Capital Projects Fund

Funding Sources: Capital Projects Fund Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs:

Identify Annual Costs: Legal and permits associated with any teardown.
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Engineering

Capital Projects/Acquisition Requests

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Crack Sealing Program

FYE: 2016

Project Description/ Sealing of pavement cracks is a critical and cost effective treatment to extend the life of Village roads by minimizing
Capital Request: the amount of water that migrates through the pavement.

Anticipated Benefits: Prolong the life of Village owned roads.

Existing Condition: -

Fiscal Year End Needed: 2016 Lead Time in months: 3 months Priority: 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
10-60-74-77436	Crack Sealing	\$75,000	\$25,000	\$30,000	\$35,000	\$40,000	\$45,000	\$250,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$75,000	\$25,000	\$30,000	\$35,000	\$40,000	\$45,000	\$250,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$75,000	\$25,000	\$30,000	\$35,000	\$40,000	\$45,000	\$250,000

Fund(s) Supporting Cost: Motor Fuel Tax Fund

Funding Sources: MFT Operating Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Valley Lakes Subdivision Street Patching

FYE: 2016

Project Description/ Patch failing sections of pavement throughout Valley Lakes Subdivision.

Capital Request:

Anticipated Benefits: Patching of road pavement will restore the structural integrity of the roadway, and prevent intrusion of surface runoff into the road base. This will afford additional years of service prior to comprehensive resurfacing.

Existing Condition: Inadequate pavement system and refuse truck wheel loading along the outer road edge adjacent to the concrete gutter, has caused serious deformation and pavement break up. This allows runoff into the aggregate base, further accelerating roadway deterioration.

Fiscal Year End Needed: 2016 **Lead Time in months:** 3 months **Priority:** 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
35-20-73-77307	Design Eng.	\$6,300	\$0	\$0	\$0	\$0	\$0	\$6,300
35-20-83-88301	Construction	\$126,100	\$0	\$0	\$0	\$0	\$0	\$126,100
35-20-83-88301	Const. Eng.	\$7,600	\$0	\$0	\$0	\$0	\$0	\$7,600
	Fund subtotal	\$140,000	\$0	\$0	\$0	\$0	\$0	\$140,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$140,000	\$0	\$0	\$0	\$0	\$0	\$140,000

Fund(s) Supporting Cost: Capital Projects Fund

Funding Sources: Capital Project Revenues

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Fairfield & Route 134 Water Main Improvements

FYE: 2016

Project Description/ Relocation and /or casing of approximately 225 feet linear feet of 12-inch and 550 linear feet of 10-inch water main

Capital Request: with the same size watermain on Fairfield Road and Route 134 due to future LCDOT intersection improvements.

Anticipated Benefits:

Existing Condition: Watermain is not in poor condition. However, LCDOT requires the Village to relocate the watermain out from under future road included in Route 134/Fairfield Road intersection improvements.

Fiscal Year End Needed: 2019 **Lead Time in months:** 12 months **Priority:** 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
50-60-81-88101	Design Eng.	\$0	\$0	\$0	\$18,000	\$0	\$0	\$18,000
50-60-81-88101	Construction	\$0	\$0	\$0	\$132,000	\$0	\$0	\$132,000
50-60-81-88101	Const. Eng.	\$0	\$0	\$0	\$15,000	\$0	\$0	\$15,000
50-60-81-88101	Investigation	\$0	\$0	\$0	\$15,000	\$0	\$0	\$15,000
	Fund subtotal	\$0	\$0	\$0	\$180,000	\$0	\$0	\$180,000
35-20-81-88101	Our Share S/W	\$0	\$0	\$0	\$20,000	\$0	\$0	\$20,000
-	Fund subtotal	\$0	\$0	\$0	\$20,000	\$0	\$0	\$20,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000

Fund(s) Supporting Cost: Water/Sewer Fund

Funding Sources: Water/Sewer Fund Revenues

Other Revenue Source(s): Capital Projects Fund for Village share of sidewalk

Other Resources Needs: Municipal Staff -

Legal

Engineering

Other

Annual Operating Costs:

Identify Annual Costs: Construction and engineering costs are estimates provided by LCDOT. The relocation of watermain should be (personnel, equipment, significantly less than what LCDOT is requesting because much of the watermain is in IDOT ROW and Railroad subscriptions, utilities, ROW, where LCDOT does not have jurisdiction or in a casing pipe. The project is not currently scheduled for letting and other items.) and is awaiting funding. LCDOT indicates it is not likely to be funded unless IDOT funds it.

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Cedar Valley Park Pond (Downtown Business District) Public Flood Control Project
FYE: 2016

Project Description/ Develop a Public Flood Control project and fee-in-lieu stormwater storage program for the downtown business district to better utilize development area and provide for regional stormwater detention. This project includes acquisition of undeveloped property adjacent to Cedar Valley Park Pond as well as easement and topo survey.

Anticipated Benefits: More flexibility for the Village and developers for use of development/redevelopment areas. Regional detention will function better than individual detention facilities.

Existing Condition: Each development within the downtown business district must comply with detention requirements, potentially resulting in many small, ineffective ponds.

Fiscal Year End Needed: 2016 **Lead Time in months:** 12 months **Priority:** 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
35-20-88-88801	Property Acquisition	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
35-20-88-88801	Plats of easement	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
35-20-88-88801	Topographic survey	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
35-20-88-88801	Permit fees	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$10,000
35-20-88-88801	Basin Pln, Pgrm Dev.	\$0	\$78,400	\$0	\$0	\$0	\$0	\$78,400
35-20-88-88801	Convync Impvmts	\$0	\$0	\$75,000	\$0	\$0	\$0	\$75,000
35-20-88-88801	Det. Impvts	\$0	\$0	\$0	\$75,000	\$0	\$0	\$75,000
	Fund subtotal	\$75,000	\$83,400	\$75,000	\$75,000	\$0	\$0	\$308,400
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$75,000	\$83,400	\$75,000	\$75,000	\$0	\$0	\$308,400

Fund(s) Supporting Cost: Capital Project Fund

Funding Sources: Capital Project Fund Revenues

Other Revenue Source(s): Fee-in-lieu for regional detention/conveyance projects

Other Resources Needs: Municipal Staff

Legal 40 hours (potentially land acquisition issues)

Engineering

Other

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
 subscriptions, utilities,
 and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Long Lake Road (East Half) Improvements

FYE: 2016

Project Description/ Full -depth hot mix asphalt surface removal and resurface of Long Lake Drive from Sunset Drive to Nasa Drive.

Capital Request: This project will include some curb & gutter replacement, additional some storm sewer, and new sidewalk along the north side of Long Lake Drive.

Anticipated Benefits: Bring roads that have fallen to poor condition up to good or new condition.

Existing Condition: Village roads continue to deteriorate over time and should be repaired prior to deteriorating to a more expensive pavement strategy remedy. This project moved from fiscal year end 2015.

Fiscal Year End Needed: 2016 Lead Time in months: 12 months Priority: 2

Account Number	Description	Total Project Costs						
		2016	2017	2018	2019	2020	2021	Total
35-20-83-88301	Construction	\$179,365	\$0	\$0	\$0	\$0	\$0	\$179,365
35-20-83-88301	Const. Eng.	\$47,000	\$0	\$0	\$0	\$0	\$0	\$47,000
	Fund subtotal	\$226,365	\$0	\$0	\$0	\$0	\$0	\$226,365
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$226,365	\$0	\$0	\$0	\$0	\$0	\$226,365

Fund(s) Supporting Cost: Capital Projects Fund

Funding Sources: Capital Project Revenues

Other Revenue Source(s): Federal funding through Lake County Council of Mayors.

Estimated Reimbursement Revenues : \$32,900 70% of construction engineering

Other Resources Needs: Municipal Staff -

Legal -

Engineering -

Other -

Annual Operating Costs: -

Identify Annual Costs: LCCOM has this project in their STP program. LCCOM will pay for construction & request 30% reimbursement (personnel, equipment, from Village for the portion from Sunset to Lotus (construction cost is approx. \$515,193). Village will pay cost of subscriptions, utilities, const. eng. and request 70% reimbursement from STP Program for portion from Sunset to Lotus. Village will have and other items.) to pay 100% of portion from Lotus to Nasa with no reimbursement. (construction cost is approx. \$24,807)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Develop Pavement Management Strategy

FYE: 2016

Project Description/ Provide an updated pavement condition assessment and five year plan of pavement maintenance and rehabilitation.

Capital Request:

Anticipated Benefits: An updated pavement management report will ensure that Village resources are objectively used where they are most needed. It will also help determine the level of investment needed to avoid continued and accelerated deterioration.

Existing Condition: The last pavement management report was completed in 2007. Improvements prioritized in the five year plan will be completed with the rehabilitation of Long Lake Drive in 2015. The information in the 2007 report is outdated and cannot be used for prioritizing current needed improvements.

Fiscal Year End Needed: 2016

Lead Time in months: 3 months

Priority: 2

Account Number	Description	2016	2017	Total Project Costs		2020	2021	Total
				2018	2019			
35-20-73-77307	Pavement Management	\$22,000	\$0	\$0	\$0	\$0	\$0	\$22,000
	Report Update	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$22,000	\$0	\$0	\$0	\$0	\$0	\$22,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$22,000	\$0	\$0	\$0	\$0	\$0	\$22,000

Fund(s) Supporting Cost: Capital Projects Fund

Funding Sources: Capital Project Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Forest Avenue Pavement Rehabilitation

FYE: 2016

Project Description/ Rehabilitate Pavement on Forest Avenue east of Lincoln Avenue

Capital Request:

Anticipated Benefits: Rehabilitate badly deteriorated pavement and improve drainage.

Existing Condition: Forest Avenue pavement is badly deteriorated and in need of major rehabilitation.

Fiscal Year End Needed: 2016 Lead Time in months: 3 months Priority: 2

Account Number	Description	Total Project Costs						Total
		2016	2017	2018	2019	2020	2021	
35-20-73-77307	Design Eng.	\$21,200	\$0	\$0	\$0	\$0	\$0	\$21,200
10-60-83-88301	Construction	\$353,500	\$0	\$0	\$0	\$0	\$0	\$353,500
10-60-83-88301	Const. Engineering	\$35,300	\$0	\$0	\$0	\$0	\$0	\$35,300
	Fund subtotal	\$410,000	\$0	\$0	\$0	\$0	\$0	\$410,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$410,000	\$0	\$0	\$0	\$0	\$0	\$410,000

Fund(s) Supporting Cost: Motor Fuel Tax and Capital Projects Fund

Funding Sources: MFT & Capital Project Revenues

Other Revenue Source(s): CDBG \$85,000

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Kurt Baumann P.E.

Title: Water Main Leak Detection Assessment

FYE: 2016

Project Description/ Retain Professional service to determine presence of water main leaks.

Capital Request:

Anticipated Benefits: Reduce unaccounted water loss which costs the Village approximately \$10,000 per year and reduce number of main breaks.

Existing Condition: Older neighborhoods in the Village have some water mains and services that have been in place over 50 years. Leaks in these areas may go unnoticed without systematic and methodical investigation.

Fiscal Year End Needed: 2016 **Lead Time in months:** 3 months **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2016	2017	2018	2019	2020	2021	
50-60-81-88101	Leak Detection	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
	Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000

Fund(s) Supporting Cost: Water & Sewer Fund

Funding Sources: Water & Sewer Operating Revenue

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -

Legal

Engineering

Other

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Emergency Water Interconnect w/ Round Lake Beach's Water Main on Lotus Dr.
FYE: 2016

Project Description/ Interconnect Round Lake's 10" Water Main on Long Lake Drive with Round Lake Beach's 12" Water Main on Lotus
Capital Request: Drive. Include a below-grade bi-directional metering station with isolation valves for manual activation.

Anticipated Benefits: Create the ability to provide water to either Village during an emergency situation such as an interruption of water supply.

Existing Condition: There is no interconnect between the two Villages even though the closest point of interconnect is only about 150 feet.

Fiscal Year End Needed: 2016 **Lead Time in months:** 3 months **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2016	2017	2018	2019	2020	2021	
50-60-81-88101	Design	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
50-60-81-88101	Construction	\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000
50-60-81-88101	Const. Engineering	\$12,000	\$0	\$0	\$0	\$0	\$0	\$12,000
-	Fund subtotal	\$147,000	\$0	\$0	\$0	\$0	\$0	\$147,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$147,000	\$0	\$0	\$0	\$0	\$0	\$147,000

Fund(s) Supporting Cost: Water & Sewer Fund

Funding Sources: Water & Sewer Operating Revenue

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Well No. 3 Rehabilitation Feasibility Study

FYE: 2016

Project Description/ Evaluate alternatives regarding potential rehabilitation of Well No. 3 for continued use as back-up well supply.
Capital Request:

Anticipated Benefits: Create the ability to provide water during an emergency situation such as an interruption of water supply.

Existing Condition: Current capacity is too low to provide meaningful, reliable, redundant water supply.

Fiscal Year End Needed: 2016 **Lead Time in months:** 3 months **Priority:** 2

Account Number	Description	Total Project Costs						Total
		2016	2017	2018	2019	2020	2021	
50-60-81-88101	Design	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
50-60-81-88101	Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000

Fund(s) Supporting Cost: Water & Sewer Fund

Funding Sources: Water & Sewer Operating Revenue

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: 750,000 Gallon Elevated Tank

FYE: 2016

Project Description/ Provide a 750,000 gallon elevated water storage tank south of IL 120.

Capital Request:

Anticipated Benefits: Provide additional system storage to ensure that desired fire suppression flow rate can be provided on south side of the Village.

Existing Condition: Existing water storage tanks are located in the northern third of the Village. Fire suppression relies on transmission main capacity for adequate flow. As water demand continues to increase, domestic water use could be competing with fire flow requirements during Peak Hour Demand.

Fiscal Year End Needed: 2016 Lead Time in months: 12 months Priority: 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2016	2017	2018	2019	2020	2021	
50-60-81-88101	Design	\$0	\$55,000	\$0	\$0	\$0	\$0	\$55,000
50-60-81-88101	Construction	\$0	\$0	\$2,300,000	\$0	\$0	\$0	\$2,300,000
50-60-81-88101	Construction Eng.	\$0	\$0	\$45,000	\$0	\$0	\$0	\$45,000
-	Fund subtotal	\$0	\$55,000	\$2,345,000	\$0	\$0	\$0	\$2,400,000
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$0	\$55,000	\$2,345,000	\$0	\$0	\$0	\$2,400,000

Fund(s) Supporting Cost: Water & Sewer Fund

Funding Sources: Water & Sewer Operating Revenue

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Midland Drive Water Main Replacement

FYE: 2016

Project Description/ Replace approximately 1,200 feet of 6-inch water main with 8-inch water main.

Capital Request:

Anticipated Benefits: Improve reliability of this aging water main as well as water quality. Fire flow will also increase with replacement of the old 6-inch water main to a new 8-inch water main.

Existing Condition: There have been water main breaks on this section due to the age of the pipe.

Fiscal Year End Needed: 2016 Lead Time in months: 3 months Priority: 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
50-60-81-88101	Design	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000
50-60-81-88101	Construction	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000
50-60-81-88101	Const. Engineering	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000
	Fund subtotal	\$420,000	\$0	\$0	\$0	\$0	\$0	\$420,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$420,000	\$0	\$0	\$0	\$0	\$0	\$420,000

Fund(s) Supporting Cost: Water & Sewer Fund

Funding Sources: Water & Sewer Operating Revenue

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -
Legal
Engineering
Other

Annual Operating Costs:

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number:

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Rehabilitate Nippersink Road from Elementary School Drive to IL 134 & replace water main between IL 134 & Cedar Lake Road (north).

FYE: 2016

Project Description/ Resurface Nippersink Road from Elementary School Drive to Cedar Lake Road (south). Repair (patch) concrete base
Capital Request: and resurface Nippersink Road from Cedar Lake Road (south) to IL 134. Replace 400 LF of 6" water main from Cedar Lake Road (north) to IL 134.

Anticipated Benefits: Major improvement of pavement condition and drainage. Improved water pressure and fire flow.

Existing Condition: Pavement is in poor condition. Water distribution, fire flow needs improvement.

Fiscal Year End Needed: 2016 **Lead Time in months:** 4 months **Priority:** 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
35-20-73-77307	Roadway Design	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
10-60-80-88301	Roadway Const.	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000
10-60-80-88301	Const. Engineering	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$30,000	\$540,000	\$0	\$0	\$0	\$0	\$570,000
50-60-81-88101	Water Sys. Design	\$6,000	\$0	\$0	\$0	\$0	\$0	\$6,000
50-60-81-88101	Water Main Const.	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
50-60-81-88101	Const. Engineering	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000
	Fund subtotal	\$6,000	\$110,000	\$0	\$0	\$0	\$0	\$116,000
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$36,000	\$650,000	\$0	\$0	\$0	\$0	\$686,000

Fund(s) Supporting Cost: MFT/Capital Projects Fund/Water & Sewer Fund

Funding Sources: MFT/Capital Project Revenues/Water & Sewer Operating Revenue

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -
 Legal -
 Engineering -
 Other -

Annual Operating Costs: -

Identify Annual Costs: -

(personnel, equipment,
 subscriptions, utilities,
 and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: METRA Main Parking Lot Paving

FYE: 2016

Project Description/ METRA Main Parking Lot Resurfacing
Capital Request:

Anticipated Benefits: Resurfacing the main parking lot will restore the condition of the pavement, improving motorist and pedestrian safety, and enhance the overall appearance of the lot. Design services done in fiscal year end 2015.

Existing Condition: Pavement is in poor condition and continues to deteriorate.

Fiscal Year End Needed: 2016 Lead Time in months: 3 months Priority: 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
51-60-86-88601	Construction	\$189,000	\$0	\$0	\$0	\$0	\$0	\$189,000
51-60-86-88601	Const Eng.	\$14,000	\$0	\$0	\$0	\$0	\$0	\$14,000
-	-	-	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$203,000	\$0	\$0	\$0	\$0	\$0	\$203,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$203,000	\$0	\$0	\$0	\$0	\$0	\$203,000

Fund(s) Supporting Cost: Commuter Lot Fund

Funding Sources: Commuter Lot Fund Operating Revenues & Reserves

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -

Legal -

Engineering -

Other Contractor

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Second CLCJAWA Delivery Structure
FYE: 2016

Project Description/ Provide second connection point to CLCJAWA transmission main, including pressure adjusting and booster pumping facilities. CLCJAWA is constructing a transmission line for the West Group and will provide a connection tee for the Village at no cost to the Village.

Anticipated Benefits: Water supply redundancy will provide the entire Village's water needs if the current supply to the Cedar Lake Road pumping station is interrupted. CLCJAWA recommends redundant connections for member communities in case of supply interruptions. This is also recommended in the Village's 2007 Water Master Plan.

Existing Condition: The entire Village's current water demand is delivered by CLCJAWA to the Cedar Lake Road Pumping Station. The only other water supply source for the Village is backup Well #3 which, in conjunction with existing water storage, could only supply average demand for the Village for a period of days, not weeks or months.

Fiscal Year End Needed: 2016 **Lead Time in months:** 12 months **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2016	2017	2018	2019	2020	2021	
50-60-81-88101	Design	\$65,000	\$0	\$0	\$0	\$0	\$0	\$65,000
50-60-81-88101	Construction	\$0	\$975,000	\$0	\$0	\$0	\$0	\$975,000
50-60-81-88101	Construction Eng.	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
	Fund subtotal	\$65,000	\$1,015,000	\$0	\$0	\$0	\$0	\$1,080,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$65,000	\$1,015,000	\$0	\$0	\$0	\$0	\$1,080,000

Fund(s) Supporting Cost: Water & Sewer Fund

Funding Sources: Water & Sewer Operating Revenue

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -
 Legal -
 Engineering -
 Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
 subscriptions, utilities,
 and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Cedar Lake Road Lift Station/Squaw Creek Bank Stabilization

FYE: 2016

Project Description/ Stabilize eroding banks of Squaw Creek in the vicinity of the Cedar Lake Road Sanitary Sewer Lift Station.

Capital Request:

Anticipated Benefits: Stabilizing the eroding stream bank will ensure the continued integrity and operation of the Cedar Lake Road Lift Station.

Existing Condition: The existing stream bank is eroding, sloughing into the channel and baring tree roots. Trees thus destabilized, are falling into the channel impeding the flow and exacerbating ongoing erosion.

Fiscal Year End Needed: 2016 **Lead Time in months:** 12 months **Priority:** 1

Account Number	Description	<u>Total Project Costs</u>						Total
		2016	2017	2018	2019	2020	2021	
35-20-73-77307	Design Eng.	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
35-20-86-88601	Construction	\$0	\$120,000	\$0	\$0	\$0	\$0	\$120,000
35-20-86-88601	Const. Eng.	\$0	\$12,000	\$0	\$0	\$0	\$0	\$12,000
	Fund subtotal	\$15,000	\$132,000	\$0	\$0	\$0	\$0	\$147,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$15,000	\$132,000	\$0	\$0	\$0	\$0	\$147,000

Fund(s) Supporting Cost: Capital Projects Fund

Funding Sources: Capital Project Revenues

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -
Legal
Engineering
Other

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: MacGillis Bridge Reconstruction

FYE: 2016

Project Description/ Replacement of bridge is recommended due to condition of bridge. Included in cost is removal of existing

Capital Request: structure, new bridge, and roadway costs, including approaches, sitework, streamwork, guardrail, ect..

Anticipated Benefits: Bring bridge and road up to new condition and bridge to meet AASHTO loading requirements

Existing Condition: Bridge is in need of replacement. Undermining of abutments have occurred on each bank. Longitudinal reinforcing steel is

Fiscal Year End Needed: 2016 **Lead Time in months:** 6 mos. **Priority:** 3

Account Number	Description	Total Project Costs						Total
		2016	2017	2018	2019	2020	2021	
10-60-83-88301	Village share/Const.	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
10-60-83-88301	Const. Eng.	\$110,000	\$0	\$0	\$0	\$0	\$0	\$110,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$310,000	\$0	\$0	\$0	\$0	\$0	\$310,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$310,000	\$0	\$0	\$0	\$0	\$0	\$310,000

Fund(s) Supporting Cost: Motor Fuel Tax Fund

Funding Sources: Motor Fuel Tax Fund Revenue

Other Revenue Source(s): Highway Bridge Program funding can pay up to 80% of the cost of design & construction engineering.

Estimated Reimbursement Revenues: \$88,000

Other Resources Needs: Municipal Staff

Legal

Engineering

Other

Annual Operating Costs: -

Identify Annual Costs: Village has requested Highway Bridge Program (HBP) funding and it has been approved for Phase 1. HBP funding (personnel, equipment, will reimburse the Village 80% of the cost of the Phase 1. Phase 1 was completed in FY 2013. The HBP program will subscriptions, utilities, 80% of the cost of Phase 2 engineering and construction. Engineering costs would need to be paid in full by the and other items.) Village with 80% reimbursement coming from IDOT and construction costs would be paid thru IDOT at 80% with the Village responsible for the remaining.
The \$200,000 is the Village cost estimate of \$1,000,000 for construction

Project Number: -

Capital Project/Acquisition Request

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Geographic Information System (GIS) Software

FYE: 2016

Project Description/ Develop and host a web-based computer application to manage Village infrastructure.

Capital Request:

Anticipated Benefits: Updated GIS platform and capability will enable staff to more efficiently manage Village assets (sanitary sewers, water mains, storm sewers, parkway trees, etc.) as well as facilitate ongoing maintenance. Additional users may be added without installing software or data sets.

Existing Condition: Existing GIS software is installed on individual work stations. Updating of data sets (parcel maps, zoning changes, water main -, sanitary sewer - and storm sewer improvements, and parkway trees removed or added) must be done on each individual work station. Similarly software updates must be installed on each individual work station.

Fiscal Year End Needed: 2016 Lead Time in months: 12 Priority: 1

Account Number	Description	<u>Total Project Costs</u>						Total
		2016	2017	2018	2019	2020	2021	
01-20-91-99119	Design Eng.	\$7,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$20,000
50-60-91-99119	Design Eng.	\$7,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$15,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$40,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$15,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$40,000

Fund(s) Supporting Cost: General & Water/Sewer Funds

Funding Sources: General & Water/Sewer Fund Revenues

Other Revenue Source(s):

Other Resources Needs: Municipal Staff ☐
Legal ☐
Engineering ☐
Other ☐

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Public Works

Capital Projects/Acquisition Requests

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Chlorine Monitor

FYE: 2016

Project Description/ Chlorine monitor/transmitter for automatic chlorine reading.

Capital Request:

Existing Condition: Currently, Chlorine readings are done manually. This equipment would eliminate the need to read manually. Increases productivity as manpower can be used on other projects or redirected to other processes.

Existing Condition: New equipment.

Fiscal Year End Needed: 2016

Lead Time in months: 2

Priority: 1

Account Number	Description	<u>Total Project Costs</u>						Total
		2016	2017	2018	2019	2020	2021	
50-60-80-88001	Chlorine Reader	\$5,500	\$0	\$0	\$0	\$0	\$0	\$5,500
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$5,500	\$0	\$0	\$0	\$0	\$0	\$5,500
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$5,500	\$0	\$0	\$0	\$0	\$0	\$5,500

Fund(s) Supporting Cost: Water & Sewer Fund

Funding Sources: Water & Sewer Fund Operating Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Upgrade Controls and Install Back Up Power Generator

FYE: 2016

Project Description/ Contractor to build and install new control panel (village specs) and new back up power generator. Fiscal year
Capital Request: end 2016 Lilly Ln. sanitary sewage lift station, 2017 - School Drive, 2018 - Parkview.

Anticipated Benefits: This is a long term initiative to increase the number of lift stations with installed back up power to improve reliability for sustained operations.

Existing Condition: The Village of Round Lake has 13 Sanitary Sewage Lift Stations; only 5 of which have an installed back up power generator to allow for continued operation in a power outage. In an extended power outage, our ability to activate the lift station pumps with our one portable generator on a continuous (24 hr./day) basis by traveling from site to site is extremely labor intensive and questionable as to being sustainable.

Fiscal Year End Needed: 2016

Lead Time in months: 4 Mo

Priority: 2

Account Number	Description	Total Project Costs						Total
		2016	2017	2018	2019	2020	2021	
50-60-81-88101	Generator &	\$63,000	\$73,000	\$83,000	\$0	\$0	\$0	\$219,000
	Control Panel	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$63,000	\$73,000	\$83,000	\$0	\$0	\$0	\$219,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$63,000	\$73,000	\$83,000	\$0	\$0	\$0	\$219,000

Fund(s) Supporting Cost: Water & Sewer

Funding Sources: Water & Sewer Operating Revenue

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -

Legal

Engineering -

Other

Annual Operating Costs:

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Replace Non-Operative Water Main Valves & Fire Hydrants

FYE: 2016

Project Description/ Replace over several phases the 40 plus non-operative Water Main Valves and 8 plus non-operative Fire

Capital Request: Hydrants. Phase 1 moved from fiscal year end 2015 to fiscal year end 2016.

Anticipated Benefits: Restore the ability to limit the area affected by water main breaks and planned water distribution system work.
Provide for fighting capability in accordance with expected standards.

Existing Condition: Over 40 Water Main valves, primarily in "Old Town" are non-operative due to either corrosion component breakage or both. Eight plus hydrants can not be activated.

Fiscal Year End Needed: 2016

Lead Time in months: 4 mos.

Priority: 1

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
50-60-81-88101	Valves and	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$100,000
	Fire hydrants	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$100,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$100,000

Fund(s) Supporting Cost: Water & Sewer Fund

Funding Sources: Water & Sewer Operating Revenue

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: 2

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Replacement of Cambridge Lift Station

FYE: 2016

Project Description/ Cambridge Lift Stations; relocate/upgrade motor controllers, liquid level controls, monitoring system, 3 new
Capital Request: pumps, installation of backup generator and removal of existing lift station.

Anticipated Benefits: Improved safety, operational control, reliability and state of the art.

Existing Condition: This station was installed in 1969 as part of the Cambridge Moblie home park. This sanitary lift station is failing. There is a lot of infiltration when it rains. The pumps are no longer made, let alone are pumps available. The Force main is starting to fail.

Fiscal Year End Needed: 2016 Lead Time in months: 3 mos. Priority: 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
50-60-81-88101	Construction	\$450,000	\$0	\$0	\$0	\$0	\$0	\$450,000
50-60-81-88101	Design Support	\$3,000	\$0	\$0	\$0	\$0	\$0	\$3,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$453,000	\$0	\$0	\$0	\$0	\$0	\$453,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$453,000	\$0	\$0	\$0	\$0	\$0	\$453,000

Fund(s) Supporting Cost: Water & Sewer Fund

Funding Sources: Water & Sewer Operating Revenue

Other Revenue Source(s):

Other Resources Needs: Municipal Staff

Legal

Engineering

Other

Annual Operating Costs:

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number:

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: "Smoke Test" Sanitary Sewer System Program

FYE: 2016

Project Description/ In a 4-5 year Phased approach, determine the location of inflow/ infiltration (I+I) into our Sanitary Sewer
Capital Request: System

Anticipated Benefits: Identifying the source of I+I will allow for an organized and prioritized approach to reducing I+I and eliminating the occurrence of excessive sewer flows, periodic back ups/ overflows.

Existing Condition: The Sanitary Sewer System in the old part of Round Lake has numerous direct connections of storm water discharges into our sanitary sewers. Additionally, the old public and private sewer systems have cracks and gaps that allow ground water to infiltrate into sewers.

Fiscal Year End Needed: 2016 **Lead Time in months:** 2 mos. **Priority:** 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
50-60-81-88101	Smoke testing	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$100,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$100,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$100,000

Fund(s) Supporting Cost: Water & Sewer Fund

Funding Sources: Water & Sewer Operating Revenue

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -

Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Liquid Anti-Icing, Deicing Distributor

FYE: 2016

Project Description/ Slip-In Liquid Anti-Icing, deicing Distributor (1000 gallon capacity) that will fit inside a 5 yard dump.

Capital Request:

Anticipated Benefits: Provide initial capability to anti-ice as well as deice Village roads, sidewalks and parking lots.

Existing Condition: Public Works does not have the capability to effectively anti-ice our road network.

Fiscal Year End Needed: 2016 **Lead Time in months:** 2 **Priority:** 1

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
01-60-80-88001	Slip in Deicer	\$14,000	\$0	\$0	\$0	\$0	\$0	\$14,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$14,000	\$0	\$0	\$0	\$0	\$0	\$14,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$14,000	\$0	\$0	\$0	\$0	\$0	\$14,000

Fund(s) Supporting Cost: General Fund

Funding Sources: General Fund Operating Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Water Meter Van

FYE: 2016

Project Description/ Purchase a new 3/4 ton van for performing water meter work and J.U.I.L.E. request. Two other PW vehicles
Capital Request: would be traded in.

Anticipated Benefits: Improved storage. Water meters and utility locating equipment need to be stored inside a heated environment. This new vehicle will have new shelving and additional storage for water meters, b-box repair parts, hand tools and power inserted for power tools

Existing Condition: Truck 45 is F350 with a utility body and crane. Water meters and locating equipment are kept in outside compartments year round and during frigid temperatures. On occasion, there has been a need to use the crane to work on fire hydrants but, its unavailable because of water meter and locates.

Fiscal Year End Needed: 2016 **Lead Time in months:** 4 mos. **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2016	2017	2018	2019	2020	2021	
60-60-80-88004	Meter Van	\$32,000	\$0	\$0	\$0	\$0	\$0	\$32,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$32,000	\$0	\$0	\$0	\$0	\$0	\$32,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$32,000	\$0	\$0	\$0	\$0	\$0	\$32,000

Fund(s) Supporting Cost: Vehicle Replacement Fund

Funding Sources: Replacement funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Refurbish 5 Yard Dump Truck #54

FYE: 2016

Project Description/ Capital Request: Send truck #54 to Monroe Truck to replace dump body, add wing plow and upgrade liquids system

Anticipated Benefits: More efficient snow removal and salting. By adding a wing, this truck would save an hour on the snow route. By adding anti-icing equipment it would allow a driver to add liquids to the salt for better salt conservation at lower temperatures. Also less of a chance of the roads becoming hard packed.

Existing Condition: Existing truck needs major dump body work and anti-icing upgrade.

Fiscal Year End Needed: 2016 Lead Time in months: 6 mos. Priority: 1

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
60-60-80-88004	Truck	\$55,000	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$55,000	\$0	\$0	\$0	\$0	\$0	\$55,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$55,000	\$0	\$0	\$0	\$0	\$0	\$55,000

Fund(s) Supporting Cost: Vehicle Replacement Fund

Funding Sources: Replacement funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal
Engineering
Other

Annual Operating Costs: -

Identify Annual Costs: -
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: New large Trucks

FYE: 2016

Project Description/ Purchase new 5 yard Dump Truck with wing and anti-icing equipment as a replacement for the 1994

Capital Request: International 4400. In FYE 2017 Replace truck #56 with a new 5 yard dump truck, in FYE 2018 replace the backhoe, in FYE 2019 add a new 5 yard dump truck, and in FYE 2020 replace truck 45 with a 26,000 lb chassis crane truck.

Anticipated Benefits: More efficient snow removal and salting. By adding a wing, this truck would save an hour on the snow route. By adding anti-icing equipment it would allow a driver to add liquids to the salt for better salt conservation at lower temperatures. Also less of a chance of the roads becoming hard packed.

Existing Condition: Existing truck needs major chassis and dump body work. Can not keep putting money into this truck

Fiscal Year End Needed: 2016 Lead Time in months: 6 mos. Priority: 1

Account Number	Description	<u>Total Project Costs</u>					2021	Total
		2016	2017	2018	2019	2020		
60-60-80-88004	Truck	\$175,000	\$185,000	\$175,000	\$200,000	\$175,000	\$0	\$735,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$175,000	\$185,000	\$175,000	\$200,000	\$175,000	\$0	\$910,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$175,000	\$185,000	\$175,000	\$200,000	\$175,000	\$0	\$910,000

Fund(s) Supporting Cost: Vehicle Replacement Fund

Funding Sources: Replacement funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs: -
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Conversion to LED Street Lights Program

FYE: 2016

Project Description/ Convert existing Decorative Street Lights from metal halide bulbs to LED

Capital Request:

Anticipated Benefits: LED Street Light Bulbs are significantly more energy efficient and retain light intensity output for the entire life (over \$80,000).

Existing Condition: There are over 850 Decorative Street Lights all of which use metal halide bulbs that have an operating life of approximately 20,000 hours (5 years) but loose output brightness over their life.

Fiscal Year End Needed: 2016 **Lead Time in months:** 4 mos. **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2016	2017	2018	2019	2020	2021	
35-20-88-88801	Purchase	\$40,000	\$40,000	\$40,000	\$40,000	\$0	\$0	\$160,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$40,000	\$40,000	\$40,000	\$40,000	\$0	\$0	\$160,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$40,000	\$40,000	\$40,000	\$40,000	\$0	\$0	\$160,000

Fund(s) Supporting Cost: Capital Projects Fund

Funding Sources: Capital Project Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
 Legal -
 Engineering -
 Other -

Annual Operating Costs: -

Identify Annual Costs:
 (personnel, equipment,
 subscriptions, utilities,
 and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Welcome Signs

FYE: 2016

Project Description/ Purchase install 13 New "Welcome Signs" (WS)

Capital Request:

Anticipated Benefits: Improve the image of Round Lake's entrance areas

Existing Condition: There are 13 roads "Entrances" to Round Lake only 5 of which have Welcome signs. All 5 WS are badly deteriorated.

Fiscal Year End Needed: 2016 Lead Time in months: 3 Priority: 2

Account Number	Description	2016	2017	Total Project Costs		2020	2021	Total
				2018	2019			
35-20-88-88801	Purchase & Install	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	13 Welcome Signs	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
35-20-88-88801	Village Hall	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Electronic Sign	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
-	Fund subtotal	\$45,000	\$0	\$0	\$0	\$0	\$0	\$45,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$45,000	\$0	\$0	\$0	\$0	\$0	\$45,000

Fund(s) Supporting Cost: Capital Projects Fund

Funding Sources: Capital Project Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff

Legal

Engineering

Other

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Concrete Curb/Gutter & Sidewalk Repair Program

FYE: 2016

Project Description/ Repair,replace Cracked / Broken sections of concrete curb/gutter & sidewalks

Capital Request:

Anticipated Benefits: Eliminate trip hazards, drainage problems & unsightly conditions on Village roads/ ROW.

Existing Condition: 94 curb miles & 75 sidewalk miles approximately 3% needing repair or replacement

Fiscal Year End Needed: 2016 **Lead Time in months:** 3 **Priority:** 1

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
35-20-83-88301	Repair, replace	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$200,000
	concrete c/b & s/w	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fund subtotal	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$200,000
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$200,000

Fund(s) Supporting Cost: Capital Projects Fund

Funding Sources: Capital Project Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Parkway Tree Replacement Program

FYE: 2016

Project Description/ Replace dead /dying Parkway Trees. Also includes hazard trees

Capital Request:

Anticipated Benefits: Remove unsightly, hazardous Parkway Trees and install high quality replacement trees.

Existing Condition: Approximate 550 Parkway Trees need replacement (700-158) based on 2012/2013 Tree survey

Fiscal Year End Needed: 2016 Lead Time in months: 3 Priority: 1

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
35-20-88-88801	Remove Parkway trees	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	(EAB Program)	\$50,000	\$55,000	\$60,000	\$65,000	\$0	\$0	\$230,000
35-20-88-88801	Hazard Trees	\$25,000	\$20,000	\$15,000	\$10,000	\$0	\$0	\$70,000
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$75,000	\$75,000	\$75,000	\$75,000	\$0	\$0	\$300,000
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$75,000	\$75,000	\$75,000	\$75,000	\$0	\$0	\$300,000

Fund(s) Supporting Cost: Capital Projects Fund

Funding Sources: Capital Project Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -

Legal -

Engineering -

Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Gama Jet Manhole Cleaning Nozzle

FYE: 2016

Project Description/ Clean the interior of sanitary sewer lift stations and manholes.

Capital Request:

Anticipated Benefits: This nozzle will save on time and manpower. This nozzle is raised and lower using the jet rodder of the Vactor. Take approximately 20 mintues per lift station to clean compared to using a washed down gun and standing on a ladder to get further down.

Existing Condition: The existing work takes time. Setting up confined space equipment and installing a ladder.

Fiscal Year End Needed: 2016

Lead Time in months: 4

Priority: 1

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
50-60-80-88001	Equipment	\$6,000	\$0	\$0	\$0	\$0	\$0	\$6,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$6,000	\$0	\$0	\$0	\$0	\$0	\$6,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$6,000	\$0	\$0	\$0	\$0	\$0	\$6,000

Fund(s) Supporting Cost: Water & Sewer Fund

Funding Sources: Water & Sewer Operating Revenue

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -

Legal -

Engineering -

Other -

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Roller

FYE: 2016

Project Description/ New Pavement Roller (replacement)

Capital Request:

Anticipated Benefits: This roller will be better sized for the patching that is done by Public Works. Also, it will be a vibration roller that will help with compaction. The current one does not do that.

Existing Condition:

Fiscal Year End Needed: 2016 Lead Time in months: 4-Jan Priority: 2

Account Number	Description	2016	2017	<u>Total Project Costs</u>		2020	2021	Total
				2018	2019			
60-60-80-88001	Roller	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
-	Roller	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000

Fund(s) Supporting Cost: Vehicle Replacement Fund

Funding Sources: Replacement funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs:
(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: S. Shields

Title: Goodnow Parking Lot Repair and Sealing

FYE: 2016

Project Description/ Patch and seal Goodnow parking lot. Should Public Works be able to do the majority of the repair work in-house

Capital Request: and there is additional funds available, it is recommended that the other commuter lots be sealed.

Anticipated Benefits: Approved appearance, useful life of lot will increase.

Existing Condition: Lot needs to be sealed to extend useful life, edge of lot is starting to deteriorate. Amount includes a new exit onto Avalon Avenue.

Fiscal Year End Needed: 2016 **Lead Time in months:** 3 Months **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2016	2017	2018	2019	2020	2021	
51-60-86-88601	Seal Coating	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000

Fund(s) Supporting Cost: Commuter Parking Lot

Funding Sources: Commuter Parking Lot Revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -
Legal -
Engineering -
Other -

Annual Operating Costs: -

Identify Annual Costs: -

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -

Capital Project/Acquisition Request

Department: Public Works

Requested By: Lenny Gahgan

Title: Lightning Protection

FYE: 2016

Project Description/ Design and installation of lightning protection and grounding system for the Public Works Building.

Capital Request:

Anticipated Benefits: Protect devices, such as SCADA from surges

Existing Condition:

Fiscal Year End Needed: 2016

Lead Time in months: 3 Months

Priority: 2

Total Project Costs

Account Number	Description	2016	2017	2018	2019	2020	2021	Total
01-60-80-88001	Installation	\$10,200	\$0	\$0	\$0	\$0	\$0	\$10,200
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$10,200	\$0	\$0	\$0	\$0	\$0	\$10,200
50-60-80-88001	Installation	\$10,200	\$0	\$0	\$0	\$0	\$0	\$10,200
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$10,200	\$0	\$0	\$0	\$0	\$0	\$10,200
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$20,400	\$0	\$0	\$0	\$0	\$0	\$20,400

Fund(s) Supporting Cost: General and Water/Sewer Fund

Funding Sources: General and Water and Sewer operating revenues

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff

Legal

Engineering

Other

Annual Operating Costs: -

Identify Annual Costs:

(personnel, equipment,
subscriptions, utilities,
and other items.)

Project Number: -