

## Village of Mackinaw City

### Capital Improvement Plan 2016-17 through 2021-22

The requirement for capital budgeting for the following six fiscal years is found in the Michigan Planning Enabling Act (Public Act 33 of 2008, as amended). Capital budgeting has two elements. The first is a Capital Improvements Plan, and the second is the incorporation of that plan into the annual budget and future budget forecasts. The Capital Improvement Plan is a six year schedule of all proposed major capital improvement projects including project priorities, costs estimates and methods of financing. Each year the Capital Improvement Plan is revised for the next fiscal year.

Including the Capital Improvement Plan in the annual budget, and future budget forecasts, is primarily for the purpose of adjusting the multi-year program of projects to changing needs and circumstances. It also ensures that projects proposed and planned for are actually completed. At the end of each fiscal year, the projects completed during that year are removed from the plan and an additional year's projects are added. The Capital Improvement Plan is designed to be amended on an annual basis. Projects can be added or subtracted as the needs and resources of the community adjust.

An effective and ongoing Capital Improvement Plan is beneficial to elected officials, staff, and the general public. Among the benefits that can be received from an adopted and well-maintained Capital Improvement Plan are:

1. Coordination of the community's physical planning with its fiscal planning capabilities;
2. Ensuring that public improvements are undertaken in the most desirable order of priority;
3. Assisting in stabilization of tax levies over a period of years;
4. Producing savings in total project costs by promoting a "pay as you go" policy of capital financing thereby reducing additional interest and other extra charges;
5. Providing adequate time for planning and engineering of proposed projects;
6. Ensuring the maximum benefit of the monies expended for public improvements; and
7. Permitting municipal construction activities to be coordinated with those of other public agencies within the community.

Capital improvement planning and budgeting allow officials and citizens to set priorities for capital expenditures and ensure maximum physical benefit for a minimum capital expenditure through an orderly process of project development, scheduling and implementation.

A wide range and variety of capital improvements are included in the Capital Improvement Plan. Listed below are several criteria to aid in the review of potential projects:

1. Required to fill any federal or state judicial administrative requirements.
2. Relationship to source and availability of funds.
3. Impact on annual operating and maintenance costs.
4. Relationship to overall fiscal policy and capabilities.
5. Project's readiness for implementation.
6. Relationship to overall community needs.
7. Relationship to other projects.
8. Distribution of projects throughout the community.
9. Relationship to other community plans.

These factors are all relevant and must be considered in order to ensure that the best quality of service is delivered to our residents in the most fiscally prudent manner. Most importantly the proposed list of capital projects has to reflect the overall goals and vision of the community's adopted Master Plan.

THE FOLLOWING CODES ARE USED THROUGHOUT THE DOCUMENT TO INDICATE THE SOURCE OF FUNDING FOR THE PROPOSED PROJECTS

CF- Cemetery Fund

DDA – Downtown Development Authority

DPW- Public Works Department

DO – Donations

ERF – Equipment Replacement Fund

FD- Fire Department

FG – Federal Grant

GF – General Fund

GO – General Obligation Bonds

GR – Grants (Local, Federal)

LS – Local Street Fund

MF- Marina Fund  
MS – Major Street Fund  
MUNI-S- Municipal Streets  
PD – Police Department  
PR- Parks Department  
REC-C Recreation Center  
REC-COM- Recreation Complex  
SA – Special Assessment  
SF – Sewer Fund  
SG – State Grant  
SM – Special Millage  
UTB – Unlimited Tax Bonds  
WF – Water Fund

## Village of Mackinaw City

2015-16 Fiscal Year

### CAPITAL IMPROVEMENT PLAN – EXECUTIVE SUMMARY

2016-2017 Fiscal Year		
Project	Cost	Funding Source/ Fund
New Roof One Story section Recreation Center	\$40,000	2016-2017 Budget / Rec-C
New Water Meters for unmetered Village Facilities	\$50,000	2016-2017 Budget/ DDA, PR, WF
Above ground Equipment Hoist for Heavy equipment	\$30,000	2016-2017 Budget/ DPW,ERF, SF, WF
New Tower/Pumper Fire Department	\$800,000	GR, Loan, Available Cash/ FD
Utility upgrade, new roadway North Huron Ave.	\$100,000	GR, SG, Loans, other sources available at time of project/ DDA, MS, Muni-S, WF, SF
Wastewater Plant Upgrades to be determined at Budget time. Multi- Year	\$100,000	GR, SG, Loan, Available Cash/ SF
Sewer System upgrades, to be determined at Budget Time. Multi-year	\$70,000	GR, SG, Loan, Available Cash/ SF
Water Main upgrades, To be determined at Budget Time. Multi-Year	\$685,450	GR, SG, Loan, Available Cash/ WF
Water Facility upgrades, To be determined at Budget Time. Multi-year project	\$72,000	GR, SG Loans, Available Cash/ WF
Harbor Dock Upgrades Dock B	\$275,000	GR SG , Available Cash/ MF
Turnout Gear Fire Department	\$60,000	GR, Available Cash/ FD
DPW Vehicles To be determined	\$70,000	2016-2017 Budget/ DPW, ERF
Police Vehicles	\$60,000	2016-2017 Budget/ PD
<b>Total</b>	<b>\$2,412,450</b>	

2017-2018 Fiscal Year		
Project	Cost	Funding Source/ Fund
Police-Fire Facility	\$1,000,000	GR, Loans, Available Cash/ PD, FD
New Decking, Painting Dock A	\$275,000	GR, SG Available Cash/ MF
Water Main Upgrades Multi-Year	\$550,000	GR, SG, Loans, Available Cash/ WF
Water Facility Upgrades-Multi Year	\$80,000	GR, SG, Available Cash/ WF
Sewer System Upgrades-Multi-Year	\$125,000	GR, SG, Loan, Available Cash/ SF
Wastewater Plant Upgrades-Multi-Year	\$186,000	GR, SG, Loan, Available Cash/ SF
Paving Gravel Roads to reduce maintaince costs	\$80,000	To be done as part of Budget process./ Muni-S, MS, LS
DPW Equipment	\$52,000	To be determined as part of the Budget process/ DPW, ERF
Police Car	\$29,700	To be part of the Budget process/ PD
DDA East Central Tree Replacement project	\$90,000	DDA
North Huron Avenue	\$900,000	GR,SG Loans, other sources available at time of project/ DDA, MS, Muni-S, WF, SF
Village Hall Renovation	\$100,000	GR, Loans or Grants available at time of project.
<b>Total</b>	<b>\$3,467,700</b>	

2018-2019 Fiscal Year		
Project	Cost	Funding Source/ Fund
Water Main Upgrade Multi-Year project	\$500,000	GR, SG, Loan, Budget/ WF
Refurbished Vacuum Truck, Wastewater, Water, DPW	\$200,000	Loan, Available Cash/ DPW, WF, SF
Street repair or replacement To be determined	\$200,000	Part of Budget process/ Muni-S, MS, LS
Wastewater Treatment Plant upgrades. Multi- Year project To be determined	\$186,000	GR, SG, Budget Process/ Sf
Replace Radio Meters/ Water	\$60,000	Budget Process/ WF
Harbor Electrical Upgrades, New Power Pods	\$70,000	GR, SG, Available Cash/ MF
DPW Equipment, To be determined	\$60,000	Budget Process/ DPW, ERF
Wastewater Equipment Lift Stations	\$20,000	GR, SG, Budget Process/ WF
Well 3 Rehab	\$13,000	Budget Process/ WF
Lab Equipment Wastewater Treatment Plant	\$15,000	Budget Process/ SW
Water Valve Replacement Program	\$10,000	Budget Process/ WF
Village Hall Renovation	\$300,000	GR, Loans or Grants available at time of project.
<b>Total</b>	<b>1,634,000</b>	

2019-2020 Fiscal Year		
Project	Cost	Funding Source/ Fund
Water Main upgrade or replacement	\$500,000	GR, SG, Loan Available Funds/ WF
Water Valve Replacement	\$15,000	Budget Process/ WF
Repair, Replace and Upgrade various Village Streets. To be determined.	\$200,000	To be determined/ Muni-S, MS, LS
Replace Du Jauncey Lift Station, Sewer	\$150,000	GR, SG, Budget Process/ SF
WWTP Facility upgrades, Multi-Year project to be determined	\$186,600	GR, SG, Budget Process/ SF
Harbor Upgrades, Dock Replacement Paint Superstructure	\$275,000	GR,SG, Budget Process, Available Funds/ MF
Replace Radio Meters	\$60,000	Budget Process/ WF
¾ Ton Truck with Plow for Water and Sewer	\$34,000	Budget Process/ SF, ERF
Skid Steer with attachments	\$30,000	Budget Process/ ERF,DPW, CF,
Air packs Fire Department	\$24,000	GR, Budget Process/ FD
Zero Turn Mower	\$12,000	Budget Process/ ERF,DPW, PR
Upgrade of Trails	\$50,000	Budget Process/ Grants
Upgrade of Parks Accessibility	\$50,000	Budget Process/ Grants
<b>Total</b>	<b>\$1,586,600</b>	

2020-2021 Fiscal Year		
Project	Cost	Funding Source/ Fund
Water Storage Tank	\$600,000	GR, SG,, Loans, Available Funds/ WF
Repair, Replace, and Upgrade various Village Streets. To be determined.	\$200,000	To be determined/ Muni-S, MS, LS
Rescue Pumper Fire Department	\$275,000	GR, Loans Available Funds/ FD
Water Main Upgrades- Multi Year Project	\$500,000	GR, SG, Loans, Available Funds/ WF
Wastewater Treatment Plant upgrades. Multi-year project	\$186,600	GR, SG, Available Funds/ SF
Well 1 Generator	\$80,000	GR, SG, Budget Process/ WF
Replace Radio Meters/Water	\$60,000	Budget Process/ WF
Well 4 Rehabilitation	\$40,000	Budget Process/ WF
Replace 4, 42 Foot docks with 60 Foot floating docks	\$40,000	GR, SG, Budget Process/ MF
Upgrade Fuel System Harbor	\$40,000	GR, SG, Budget Process/ MF
WWTP Resurface Clarifier and Mechanicals	\$95,000	GR, SG, Loan, Budget Process/ SF
Water Valve Replacement	\$15,000	Budget Process/ WF
<b>Total</b>	<b>\$2,031,600</b>	

2021-2022 Fiscal Year		
Project	Cost	Funding Source/ Fund
Repair, Replace, Upgrade Various Village Streets. To be determined	\$200,000	To be determined/ Muni-S, MS, LS
Wastewater Treatment Plant Upgrades. Multi-year project	\$186,000	GR, SG Available Funds/ SF
Water Main Upgrades-Multi Year project	\$500,000	GR, SG, Loans, Available Funds/ WF
Replace 4, 42 foot docks with 60 foot floating docks	\$40,000	GR, SG, Budget Process/ MF
Update Boaters Restrooms and Showers	\$125,000	GR, SG, Available Funds/ MF
Water Valve Replacement	\$20,000	Budget Process/ WF
Replace Radio Meters/Water	\$60,000	Budget Process/ WF
Backhoe with Breaker Attachment.	\$50,000	Budget Process/ ERF, DPW,WF, SF, CF.
DPW Pickup	\$30,000	Budget process/ ERF, DPW
<b>Total</b>	<b>1,211,000</b>	

