

CITY
OF
EAST TAWAS

CAPITAL IMPROVEMENT
PLAN
2017-2022

Adopted
June 5, 2017

**City of East Tawas
Capital Improvement Plan
2017-2022**

Overview - The proposed cost for the CIP spanning fiscal years 2016-2017 through 2021-2022 is \$6,919,269. The CIP is divided into six primary categories of purchases and improvements: Buildings and Grounds; Parks; Motor Vehicles and Equipment; Water Distribution and Wastewater Collection Systems; Streets, Drainage and Sidewalks; Economic Development.

Buildings and Grounds - Proposed for this category is \$729,300 for the replacement and purchase of computer hardware, furniture and fixtures, and improvements at the City Hall, Fire Hall and DPW garage.

Parks - Proposed for this category is \$2,225,569 for improvements to all City parks including the campground. Improvements include installation of new facilities and upgrades at all parks.

Motor Vehicles and Equipment - Proposed for this category is \$1,203,450 for the purchase of new and replacement vehicles and equipment used by the various departments of the City. Depreciation funds from the Fire Department and Department of Public Works will be designated as Committed Funds within the General Fund for future purchases and replacements. Rental fees are paid to the General Fund by the Major Street Fund, Local Street Fund, Water Fund and Sewer Fund for the equipment used when wages are charged to these funds. Park equipment and vehicles are paid directly from Park funds. We will be looking at more refurbishing of existing equipment or purchasing used equipment rather than purchasing new equipment.

Water Distribution and Sewer Collection Systems - Proposed for this category is \$1,123,000 for evaluation, improvements and repairs to these systems. Evaluation, repairs and improvements to the aging sanitary sewer lines are the most costly elements of this portion of the CIP estimated at \$544,000 just for the first two years of the plan. Once the Sewer Asset Management Plan is received, City Council will need to determine the priority of repairs and these items will be added to the Capital Improvement Plan for subsequent years. The funding source will also need to be determined..

Streets, Drainage and Sidewalks - Proposed for this category is \$1,137,950 for improvements to the City's street, storm water and sidewalk systems. Improvements to local streets account for \$544,750, major streets \$212,500, sidewalks \$300,000, and storm sewers \$80,700. Once the Stormwater Asset Management Plan is received, the City will have a better idea what improvements are necessary

Economic Development - Proposed for this category is \$500,000. This is an estimated number for the US-23 project that is currently planned for the last year of this CIP. Although the Tax Increment Finance Authority has very limited funds, they are pledging \$50,000 a year for the next five years toward this project.

Overview of Capital Improvements Plan - All Categories

CATEGORY	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Six year total
Buildings and Grounds	\$33,100.00	\$79,000.00	\$144,700.00	\$159,500.00	\$180,500.00	\$132,500.00	\$729,300.00
Parks and Public Facilities	\$402,319.00	\$413,000.00	\$317,000.00	\$302,250.00	\$291,000.00	\$500,000.00	\$2,225,569.00
Motor Vehicles & Equipment	\$196,750.00	\$158,000.00	\$153,700.00	\$370,000.00	\$145,000.00	\$180,000.00	\$1,203,450.00
Water Distribution and Wastewater Collection Systems	\$768,000.00	\$615,000.00	\$80,000.00	\$14,000.00	\$130,000.00	\$60,000.00	\$1,667,000.00
Streets, Drainage, and Sidewalks	\$304,000.00	\$200,000.00	\$236,750.00	\$134,000.00	\$141,000.00	\$122,200.00	\$1,137,950.00
Economic Development	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00	\$500,000.00
TOTAL	\$1,704,169.00	\$1,465,000.00	\$932,150.00	\$979,750.00	\$887,500.00	\$1,494,700.00	\$7,463,269.00

Buildings and Grounds

PROJECT	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-22
City Hall/Community Center						
Computer Hardware/Software	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
Replace Sundry Furniture/Equipment						
Generator					\$100,000.00	\$100,000.00
Facility Renovations	\$10,000.00	\$14,000.00	\$15,000.00	\$16,000.00	\$19,000.00	\$10,000.00
Parking lot lights						
Fire Department						
Equipment	\$5,900.00	\$6,000.00	\$6,700.00	\$5,500.00	\$5,500.00	\$17,500.00
Facility Renovations	\$1,200.00	\$14,000.00	\$18,000.00	\$33,000.00	\$16,000.00	
Library						
Construct New Library	\$3,000.00					
Furnishings/Equipment/Signage	\$4,500.00					
City Park						
Replace Sundry Furniture/Equipment						
Computer Hardware/Software						
Facility Renovations						
Public Works						
Replace Sundry Furniture/Equipment						
Infrastructure Improvements			\$100,000.00	\$100,000.00		
Facility Renovations	\$3,500.00	\$40,000.00				
Computer Hardware/Software						
Generator					\$35,000.00	
TOTAL	\$33,100.00	\$79,000.00	\$144,700.00	\$159,500.00	\$180,500.00	\$132,500.00

Capital Funding

General Fund
 Park Fund
 Friends of the East Tawas Library
 Grant Funds

Parks

PROJECT	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Day Use Parks		\$50,000.00				
Campground	\$22,000.00	\$8,000.00	\$5,000.00	\$30,000.00	\$150,000.00	\$400,000.00
Harbor Park	\$5,000.00					\$80,000.00
Linking Pathways				\$50,000.00		
Durant Park		\$13,000.00				
Dillon Park				\$30,000.00		
Bolen Park		\$12,000.00	\$12,000.00	\$77,250.00	\$30,000.00	\$20,000.00
Bike Path		\$5,000.00	\$200,000.00		\$11,000.00	
Development of new properties	\$375,319.00	\$325,000.00	\$100,000.00	\$115,000.00	\$100,000.00	
TOTAL	\$402,319.00	\$413,000.00	\$317,000.00	\$302,250.00	\$291,000.00	\$500,000.00

Capital Funding

Park Fund
Grants

Motor Vehicles and Equipment

PROJECT	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Sell 2006 Ford F-450 (flatbed) and purchase gas vehicle		\$30,000.00				
GMC 3500 Double cab/full box	\$40,300.00					
Replace 1991 Ford dump truck with used		\$100,000.00				
Sell 2008 Ford F-450 and purchase gas vehicle			\$30,000.00			
New riding lawn mower - Park		\$9,800.00			\$10,000.00	
New truck - Park	\$40,000.00					
Compost turner			\$7,500.00			
Power Washer for DPW garage			\$10,000.00			
Swenson Salter 44B 1.5 yards			\$8,000.00			
Replace International 444 1998					\$100,000.00	
6A 1997 (tractor)			\$30,000.00			
Leaf Vac and trailer			\$12,000.00			
Sullivan Air Compressor 185 cu ft/min				\$30,000.00		
Replacement plow	\$6,200.00	\$6,200.00	\$6,200.00			
Plow for Bobcat	\$3,250.00					
Cat 928G Loader						\$120,000.00
Sewer camera	\$7,000.00					
Kohler portable 25kw generator					\$35,000.00	
Replace 2008 lift truck (lift 1998)			\$50,000.00			
Replace 345 2005 mower		\$12,000.00				
Replace auxiliary power generator-Fire Department				\$20,000.00		
Replace Street Sweeper				\$320,000.00		
Replace 1993 International (out of commission) with used	\$100,000.00					
Brush truck (Fire Department)						\$60,000.00
TOTAL	\$196,750.00	\$158,000.00	\$153,700.00	\$370,000.00	\$145,000.00	\$180,000.00

Capital Funding

- Intragovernmental Service Fund
- Water Fund
- Sewer Fund
- Disposal of Surplus Equipment
- General Fund
- Park Fund

Water Distribution System and Wastewater Collection System

PROJECT	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
Collection System							
Lift Station Improvements	\$10,000.00	\$15,000.00					
Repairs and Replacements	\$189,000.00	\$260,000.00					
Install new lines							
Cleaning, Video, and Engineering	\$70,000.00						
GIS Mapping	\$269,000.00	\$275,000.00					
Distribution System							
Install new lines	\$110,000.00	\$65,000.00	\$80,000.00	\$14,000.00	\$130,000.00	\$60,000.00	\$579,000.00
Repairs and Replacements							
Meter/MXU Replacement	\$120,000.00						
TOTAL	\$768,000.00	\$615,000.00	\$80,000.00	\$14,000.00	\$130,000.00	\$60,000.00	

Capital Funding

Water Fund
 Sewer Fund
 SAW Grant

Streets, Drainage and Sidewalks

PROJECT	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Storm Sewers	\$35,700.00	\$15,000.00	TBD			
Local Streets	\$122,000.00	\$84,800.00	\$90,750.00	\$84,000.00	\$91,000.00	\$72,200.00
Sidewalks	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
Major Street Projects						
Evans - Bay to Westover & storm	\$31,100.00					
East Bay at Evans - storm	\$15,000.00					
Cemetery Road						
State - Sawyer to Main	\$50,200.00					
Lincoln - Main to Sawyer		\$50,200.00				
Newman - Bay to Lincoln			\$96,000.00			
TOTAL	\$304,000.00	\$200,000.00	\$236,750.00	\$134,000.00	\$141,000.00	\$122,200.00

Capital Funding

- Major Street Fund
- Local Street Fund
- General Fund
- Grant
- TIFA

Economic Development

PROJECT	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-23
Streetscape Project - U.S. 23						\$500,000.00	
Environmental Testing - Brownfield Sites							
TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00	

Capital Funding

- Tax Increment Finance Authority
- MDOT Enhancement Grants
- MEDC Grants
- General Fund
- Brownfield Redevelopment Authority

**DETAIL FOR CAPITAL IMPROVEMENT PLAN
BUILDINGS AND GROUNDS**

CITY HALL/COMMUNITY CENTER

2016-17	Replace computers, printers etc. Security updates at City Hall	\$ 5,000 \$ 10,000
2017-18	Replace computers, printers etc. Updating of City Hall offices Paint main hallway and vestibules LED Sign	\$ 5,000 \$ 10,000 \$ 4,000 \$ 20,000
2018-19	Replace computers, printers etc. Updating of City Hall offices Repaint lockers	\$ 5,000 \$ 10,000 \$ 5,000
2019-20	Replace computers, printers, etc. Updating of City Hall offices Install security camera system	\$ 5,000 \$ 10,000 \$ 6,000
2020-21	Replace computers, printers, etc. Updating of City Hall offices Clean sound drapes in gym	\$ 5,000 \$ 10,000 \$ 9,000
2021-22	Replace computers, printers, etc Updating of City Hall offices Generator	\$ 5,000 \$ 10,000 \$100,000

FIRE DEPARTMENT

2016-17	Replace meeting room tables Replace two suits of turnout gear Move siren from tower to roof	\$ 900 \$ 5,000 \$ 1,200
2017-18	Replace one suit of turnout gear Replace computer Replace metal siding and add storage room	\$ 5,000 \$ 1,000 \$ 14,000
2018-19	Replace two suits of turnout gear Replace Co-Ray-Vac heating system in apparatus bay Replace printer/copier/fax	\$ 5,500 \$ 18,000 \$ 1,200
2019-20	Replace two suits of turnout gear Replace Duro-Last roof and insulate Replace entry door	\$ 5,500 \$ 30,000 \$ 3,000

2020-21	Replace two suits of turnout gear	\$ 5,500
	Replace furnace and air conditioner in meeting room area	\$ 8,000
	Replace tile floor and carpet in remainder of station	\$ 8,000
2021-22	Replace two suits of turnout gear	\$ 5,500
	Replace two SCBA	\$ 12,000

LIBRARY

2016-17	Finish construction of new library	\$ 3,000
	Finish furnishing new library	\$ 2,000
	Signage	\$ 2,500

PUBLIC WORKS

2016-17	Building improvements including new bathroom, painting inside and out Sprinkler system for front of garage	\$ 30,000 \$ 5,000
2017-18	New roof on main building	\$ 45,000
2018-19	New storage building to replace old out building 60' x 100'	\$ 200,000
2019-20	(construction project spread over two years- begin summer 2019 and finish in fall 2019)	
2020-21	Building Generator	\$ 35,000

DETAILS FOR CITY PARK

DEVELOPMENT OF NEW PROPERTIES

2016-17	Begin public bathhouse project (if grant approved) Retaining wall at Schriber property	\$325,000 \$ 50,319
2017-18	Complete public bathhouse project	\$325,000
2018-19	Phase I Camper Cottage Development	\$100,000
2019-20	Phase II Camper Cottages Provide a canoe launch and dock at former Genii's property	\$100,000 \$ 15,000
2020-21	Phase III Camper Cottages	\$100,000

DAY USE AREA

2017-18	Construct a Splash Park	\$ 50,000
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CAMPGROUND

2016-17	Replace water heater in green bathroom Re-roof office and garage	\$ 7,000 \$ 15,000
2017-18	Replace partitions in park restrooms	\$ 8,000
2018-19	Replace informational signage	\$ 5,000
2019-20	Re-do some black topped pads	\$ 30,000
2020-21	Construct a boardwalk along the beach US-23 fence improvements	\$ 30,000 \$ 120,000
2021-22	Upgrade campground electric to 50A	\$400,000

DEWEY DURANT PARK

2017-18	Disc Golf Course	\$ 13,000
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ROBERT BOLEN PARK

2017-18	Convert Lions building into a storage building	\$ 12,000
2018-19	Establish a dog park on Wendy Parks property	\$ 12,000
2019-20	Repaint Grandstand	\$ 7,250
	Resurface basketball courts and paint street hockey on one	\$ 70,000
2020-21	Pathway to Tawas Street through Wendy Parks property	\$ 5,000
	Expand Jefferson Street parking lot	\$ 25,000
2021-22	Replace sideline fences on Pony League Field	\$ 20,000

TOM DILLON PARK

2019-20	Ball field drainage	\$30,000
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BIKE PATH

2017-18	New holiday banners	\$ 5,000
2018-19	Continue bike path to North City limits	\$200,000
2020-21	Retro-fit bike path light globes	\$ 11,000

HARBOR PARK

2016-17	Phase II of fill and seed project	\$ 5,000
2021-22	Construct a “permanent stage” for events	\$ 80,000

CONNECTING PARKS

2019-20	Continue linking pathway systems	\$50,000
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**MOTOR VEHICLE AND EQUIPMENT DETAIL
NOT INCLUDED IN CIP**

Equipment	Year	Replace	Cost
Sidewalk Cement Grinder	2005	2024-25	\$ 6,000
Bobcat S - 130 Skid-steer	2006	2025-26	\$ 100,000
Hoby 126055 - Power washer	2011	2027-28	\$ 9,000
SnoGo Snowblower	2013	2042-43	\$ 100,000
Dump trailer	2013	2032-33	\$ 12,000
Dump Trucks			
International 7400 with salter	2010	2029-30	\$ 200,000
Fire Department Equipment			
Tanker Pumper (suggest refurbished)	1999	2023-24	\$ 353,000
Rescue Pumper Truck	2007	2031-32	\$1,500,000

Note from Chief Deckett:

Had 1999 Tanker/Pumper inspected and received budget numbers (estimated) for refurbishment. All numbers are contingent upon incoming inspection, but these numbers are based on replacing frame rails, using same engine, transmission with new hoses, fluids, filters and adjustments, upgrades to meet NFPA, body work, repaint.

This unit is currently scheduled for refurbishment (rather than replacement) in 2023. However inspection revealed rusting of the frame rails in the area adjacent to the rear wheels. Technician suggested that unit be thoroughly cleaned with Hotsie and a rust inhibitor be sprayed along frame and frame liner. He said by doing this, it may make it to 2023, however, depending on frame condition; it may need to be done earlier, maybe 2020. Approximate refurbishment prices below. Cost of a new unit in 2020 would be approximately \$800,000 to \$900,000. I would suggest that if refurbishment has to be done earlier than 2013, then push brush truck replacement out a couple of years.

Approximate cost to refurbish:

2018: \$303,935
 2019: \$313,035
 2020: \$322,435
 2021: \$332,136
 2022: \$341,836
 2023: \$351,836
 2024: \$352,886

This is assuming that engine and transmission will not need complete overhaul and nothing else would need replacement. Approximate cost of rebuild would add \$40,000 for engine, \$18,000 for transmission. Most likely other items would have to be added each year as unit ages.

DETAILS FOR WATER DISTRIBUTION SYSTEM

2016-17	Purchase 800 MXUs	\$120,000
	Install 10" line on Huron - Westover to Washington	\$110,000
2017-18	Loop Tawas Beach Road at meter pit to city limits	\$ 15,000
	Loop from hydrant at City Park Office to US-23 to Pine (1010')	\$ 50,000
2018-19	Loop Smith Street 6" line to Tawas Street dead end	\$ 30,000
	Loop South Street 6" line to Green Road (1230')	\$ 50,000
2019-20	Connect water line on Wilkinson Street from W. Westover to US-23 with 10" line (300')	\$ 14,000
2020-21	Replace 2" line on US 23 at Tawas Beach Road with 8" line	\$ 50,000
	Replace water line on US-23 with 10" line (1650')	\$ 80,000
2021-22	Install 6" line on Wood Street (1400')	\$ 60,000

DETAILS FOR SEWER COLLECTION SYSTEM

2016-17	Sewer System Evaluation, Cleaning, Video (SAW Grant)	\$ 70,000
	Replace sewer on Evans - Bay to Lincoln	\$160,000
	Sawyer Street - 700 block	\$ 9,000
	Pumps for two lift stations	\$ 10,000
2017-18	Reline a portion of sewer on US 23 Church to Pine	\$260,000
	Pump for Green Road lift station	\$ 15,000

DETAIL FOR STORM SEWERS

2016-17	Park Street - 400' LS	\$ 15,700
	Evans - Bay to Westover - 459' MS	\$ 18,000
	Evans - Westover to Lincoln - 838' LS	\$ 20,000
	Work on East Bay at Evans MS	\$ 15,000
2017-18	Locke Street - State to Lincoln	\$ 15,000
2018-19	Install storm sewer on Schill Road - Green to Tawas Lake	\$ TBD

DETAIL FOR LOCAL STREETS

2016-17	Park Street - Newman west to dead end	622'	\$ 9,000
	South St. - North Tawas Lake Rd to dead end	741'	\$ 11,000
	Huron - Westover to Washington	1318'	\$ 35,000
	Lakewood - Warren to Green move street and pave	500'	\$ 20,000
	Sawyer - Jefferson to dead end	310'	\$ 4,500
	East Franklin - Newman to Main	328'	\$ 4,750
	East Washington -Main to Tawas curb & gutter	333'	\$ 18,000
	North Tawas Lake Road - Green to Warren	280'	\$ 4,500
	Crack sealing		\$ 20,000
	Sidewalks		\$ 50,000
2017-18	Warren -North Tawas Lake Road to Geller	1425'	\$ 22,800
	Airport Road- 100' east of Wadsworth east to Knight/Jungquist driveway	1025'	\$ 17,000
	Evans - Westover to Lincoln	838'	\$ 35,000
	Crack sealing		\$ 10,000
	Sidewalks		\$ 50,000
2018-19	Clifford	496'	\$ 10,000
	Centerwood	425'	\$ 9,000
	Airport Drive - Lakewood to dead end	268'	\$ 5,500
	Locke - Franklin north to dead end	433'	\$ 9,500
	Genesee - Washington to Franklin	452'	\$ 9,750
	Sawyer - Lincoln to Washington (curb & gutter)	460'	\$ 37,000
	Crack sealing		\$ 10,000
Sidewalks		\$ 50,000	
2019-20	Court Drive	746'	\$ 19,000
	West Franklin - Ogemaw to dead end	1218'	\$ 25,000
	Maple Drive - W. Tawas Lake Road to Geller	1715'	\$ 30,000
	Crack sealing		\$ 10,000
	Sidewalks		\$ 50,000
2020-21	Provost - Wilkinson to Nelson	474'	\$ 10,000
	West Franklin - Newman to Sawyer	327'	\$ 6,000
	Church - Westover to Franklin	1757'	\$ 32,500
	East Franklin - Main to Wadsworth	985'	\$ 25,000
	East Franklin - Grant to Emery	295'	\$ 7,500
	Crack sealing		\$ 10,000
Sidewalks		\$ 50,000	

2021-22	Smith - Washington to Franklin	459'	\$ 12,900
	Emery - Washington to Franklin	463'	\$ 13,000
	Emery - Bay to Westover	460'	\$ 13,000
	Alice - Franklin to Woodlawn	559'	\$ 15,700
	Wadsworth - Airport north to dead end	307'	\$ 8,600
	Fox - Wadsworth to Smith	319'	\$ 9,000
	Sidewalks		\$ 50,000

THE FOLLOWING ARE LOCAL STREETS THAT NEED TO BE DONE WHEN FUNDS ARE AVAILABLE

East Tawas Lake Road-Newman thru to Airport to RAP	2508'
Geller - W Tawas Lake Road to Klenow (widen)	1325'
West Tawas Lake Road - Rainbow to Maple	254'
Bennington - Smith to Wadsworth	336'
Lakewood Drive - Airport to Park to Cranberry Pike	817'
Mercer - Washington to Franklin	446'
Oakes - Bay Street to dead-end	307'
Owosso - Green Road to Lakewood Drive	776'
Shill Road - Franklin to Airport Road	2629'
Cemetery Road - US-23 to railroad tracks	165'
Ogemaw - West State to West Lincoln	472'

DETAIL FOR MAJOR STREETS

2016-17	Evans - Bay to Westover	459'	\$ 13,100
	State - Sawyer to Main	678'	\$ 50,200
2017-18	Lincoln - Sawyer to Main	676'	\$ 50,000
2018-19	Newman - Bay to Westover	459'	\$ 34,000
	Newman - Westover to State	361'	\$ 27,000
	Newman - State to Lincoln	474'	\$ 35,000

OTHER MAJOR STREETS - PRIORITIZE AND SCHEDULE (IF NECESSARY)

Westover - Wadsworth to Alice	PASER rating 3	331'
Bay - Locke to Church	PASER rating 4	330'
Wadsworth - Bay to Lincoln	PASER rating 3	1299'
Lincoln - Main to Robert Elliott Boulevard	PASER rating 5	3630'
Tawas Beach Road - US23 to Court Drive	PASER rating 4	602'