

CITY
OF
EAST TAWAS

CAPITAL IMPROVEMENT
PLAN
2018-2023

Adopted
June 4, 2018

**City of East Tawas
Capital Improvement Plan
2018-2023**

Overview - The proposed cost for the CIP spanning fiscal years 2017-2018 through 2022-2023 is \$7,833,600. 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 \$934,650 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 \$2,456,000 for improvements to all City parks including the campground. Improvements include installation of new facilities, upgrades at all parks and an extension to the existing bike path.

Motor Vehicles and Equipment - Proposed for this category is \$1,337,900 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 \$899,000 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 \$445,000 just for the first two years of the plan. The Sewer Asset Management Plan will continue to be reviewed and priorities determined. At this time for years 2019-20 to 2022-23, \$50,000 per year is budgeted for improvements to the sewer collection system. If the Council decides to implement additional improvements, a funding source will need to be determined.

Streets, Drainage and Sidewalks - Proposed for this category is \$1,706,050 for improvements to the City's street, storm water and sidewalk systems. Improvements to local streets account for \$921,350, major streets \$249,700, sidewalks \$300,000, and storm sewers \$235,000. The Stormwater Asset Management Plan will continue to be reviewed. At this time for years 2019-20 to 2022-23 \$40,000 per year is budgeted for drainage improvements.

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 \$250,000 toward this project.

Overview of Capital Improvements Plan - All Categories

CATEGORY	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	Six year total
Buildings and Grounds	\$262,950.00	\$202,900.00	\$157,500.00	\$92,100.00	\$107,600.00	\$111,600.00	\$934,650.00
Parks and Public Facilities	\$384,500.00	\$462,000.00	\$458,500.00	\$290,000.00	\$591,000.00	\$270,000.00	\$2,456,000.00
Motor Vehicles & Equipment	\$146,200.00	\$394,700.00	\$505,000.00	\$60,000.00	\$180,000.00	\$52,000.00	\$1,337,900.00
Water Distribution and Wastewater Collection Systems	\$95,000.00	\$350,000.00	\$64,000.00	\$100,000.00	\$110,000.00	\$180,000.00	\$899,000.00
Streets, Drainage, and Sidewalks	\$292,500.00	\$468,950.00	\$254,600.00	\$259,500.00	\$250,300.00	\$180,200.00	\$1,706,050.00
Economic Development	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00	\$500,000.00
							\$0.00
TOTAL	\$1,181,150.00	\$1,878,550.00	\$1,439,600.00	\$801,600.00	\$1,238,900.00	\$1,293,800.00	\$7,833,600.00

Buildings and Grounds

PROJECT	2017-2018	2018-2019	2019-2020	2020-2021	2021-22	2022-2023
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
Facility Renovations	\$10,000.00	\$15,000.00	\$10,000.00	\$19,000.00	\$10,000.00	
Security improvements	\$36,000.00					
Fix and seal North parking lot	\$7,650.00					
Fire Department						
Equipment	\$59,300.00	\$54,900.00	\$6,500.00	\$6,600.00	\$62,600.00	\$6,600.00
Facility Renovations	\$15,000.00	\$18,000.00	\$36,000.00	\$26,500.00		
Library						
Construct New Library						
Furnishings/Equipment/Signage						
Electronic Message sign	\$20,000.00					
City Park						
Replace Sundry Furniture/Equipment						
Computer Hardware/Software						
Facility Renovations						
Public Works						
Replace Sundry Furniture/Equipment						
Storage building near cemetery		\$10,000.00				
Infrastructure Improvements	\$70,000.00	\$100,000.00	\$100,000.00		\$30,000.00	
Facility Renovations	\$40,000.00					
Computer Hardware/Software						
Generator				\$35,000.00		
TOTAL	\$262,950.00	\$202,900.00	\$157,500.00	\$92,100.00	\$107,600.00	\$111,600.00

Capital Funding

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

Parks

PROJECT	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Day Use Parks				\$100,000.00		\$50,000.00
Campground	\$15,000.00	\$5,000.00	\$30,000.00		\$400,000.00	\$120,000.00
Harbor Park					\$80,000.00	
Linking Pathways			\$50,000.00			
Durant Park	\$36,000.00					\$100,000.00
Dillon Park		\$20,000.00	\$30,000.00			
Bolen Park	\$3,500.00	\$12,000.00	\$48,500.00	\$90,000.00	\$100,000.00	
Bike Path	\$5,000.00		\$200,000.00		\$11,000.00	
Development of new properties	\$325,000.00	\$425,000.00	\$100,000.00	\$100,000.00		
TOTAL	\$384,500.00	\$462,000.00	\$458,500.00	\$290,000.00	\$591,000.00	\$270,000.00

Capital Funding

Park Fund
Grants

Motor Vehicles and Equipment

PROJECT	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Sell 2006 Ford F-450 (flatbed) and purchase gas vehicle	\$30,000.00					
Replace 1991 Ford dump truck with used	\$40,000.00					
Replace 1993 dump truck with used	\$40,000.00					
Sell 2008 Ford F-450 and purchase gas vehicle		\$31,000.00				
New riding lawn mower - Park				\$10,000.00		
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					
Sullivan Air Compressor 185 cu ft/min			\$30,000.00			
Replacement plow	\$6,200.00	\$6,200.00				
Cat 928G Loader					\$120,000.00	
New stake rack/dump box truck (Park)						\$52,000.00
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			
Brush truck (Fire Department)					\$60,000.00	
Sewer maintenance system		\$320,000.00				
TOTAL	\$146,200.00	\$394,700.00	\$505,000.00	\$60,000.00	\$180,000.00	\$52,000.00

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	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Collection System						
Lift Station Improvements	\$15,000.00					
Repairs and Replacements		\$260,000.00	\$50,000.00	\$50,000.00	\$50,000.00	50,000.00
Install new lines						
Cleaning, Video, and Engineering						
GIS Mapping						
Distribution System						
Engineering		\$10,000.00				
Install new lines	\$25,000.00	\$80,000.00	\$14,000.00	\$50,000.00	\$60,000.00	130,000.00
Repairs and Replacements	\$55,000.00					
Meter/MXU Replacement						
TOTAL	\$95,000.00	\$350,000.00	\$64,000.00	\$100,000.00	\$110,000.00	180,000.00

Capital Funding

Water Fund
 Sewer Fund
 SAW Grant

Streets, Drainage and Sidewalks

PROJECT	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Storm Sewers	\$35,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	40,000.00
Local Streets	\$169,000.00	\$167,750.00	\$164,600.00	\$169,500.00	\$160,300.00	90,200.00
Sidewalks	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	50,000.00
Major Street Projects						
Curbing projects downtown	\$5,500.00					
Evans - Bay to Westover & storm	\$18,000.00	\$15,000.00				
East Bay at Evans - storm	\$15,000.00	\$0.00				
State - Sawyer to Main		\$50,200.00				
Lincoln - Main to Sawyer		\$50,000.00				
Newman - Bay to Lincoln		\$96,000.00				
TOTAL	\$292,500.00	\$468,950.00	\$254,600.00	\$259,500.00	\$250,300.00	\$180,200.00

Capital Funding

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

Economic Development

PROJECT	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
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

2017-18	Paint main hallway and vestibules	\$ 5,000
	Install security camera	\$ 6,000
	Upgrade vestibule lighting	\$ 5,000
	Fix and Seal North parking lot	\$ 7,650
	Updating of City Hall offices	\$ 30,000
	Replace computers, printers etc.	\$ 5,000
2018-19	Replace computers, printers etc.	\$ 5,000
	Updating of City Hall offices	\$ 10,000
	Repaint lockers	\$ 5,000
2019-20	Replace computers, printers, etc.	\$ 5,000
	Updating of City Hall offices	\$ 10,000
2020-21	Replace computers, printers, etc.	\$ 5,000
	Updating of City Hall offices	\$ 10,000
	Clean sound drapes in gym	\$ 9,000
2021-22	Replace computers, printers, etc	\$ 5,000
	Updating of City Hall offices	\$ 10,000
2022-23	Generator	\$100,000
	Replace computer, printers, etc	\$ 5,000

US 23 CORRIDOR

2017-18	Electronic Message Sign	\$ 20,000
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FIRE DEPARTMENT

2017-18	Replace three sets of turnout gear	\$ 6,500
	Replace metal siding and add storage room	\$ 15,000
	Replace eight SCBAs & masks (if grant not received)	\$ 52,800
2018-19	Replace three sets of turnout gear (Two fire sets and one wildfire)	\$ 6,500
	Replace Co-Ray-Vac heating system in apparatus bay	\$ 18,000
	Replace seven SCBAs & masks (if grant not received)	\$ 46,200
	Replace printer/copier/fax	\$ 1,200
	Replace computer	\$ 1,000

2019-20	Replace three sets of turnout gear (Two fire sets and one wildfire)	\$ 6,500
	Replace Duro-Last roof and insulate	\$ 32,000
	Replace entry door and add electronic locks	\$ 4,000
2020-21	Replace three sets of turnout gear (Two fire sets and one wildfire)	\$ 6,600
	Replace furnace and air conditioner in meeting room area	\$ 8,500
	Replace tile floor and carpet in remainder of station	\$ 8,000
	Refurbish apparatus room floor	\$ 10,000
2021-22	Replace three sets of turnout gear (Two fire sets and one wildfire)	\$ 6,600
	Replace eight SCBAs and masks	\$ 56,000
2022-23	Replace three sets of turnout gear (Two fire sets and one wildfire)	\$ 6,600

PUBLIC WORKS

2017-18	Exterior and interior painting	\$ 35,000
	Sprinkler system for front of garage	\$ 5,000
	Replace garage drop ceiling (look at options)	\$ 70,000
2018-19	New roof on cemetery storage building	\$ 10,000
2019-20	New storage building to replace old out building 60' x 100' (construction project spread over two years- begin summer 2019 and finish in fall 2019)	\$ 200,000
2020-21	Building Generator	\$ 35,000
2021-22	Additional asphalt paving and power gate for rear entrance	\$ 30,000
2022-23		

DETAILS FOR CITY PARK

DEVELOPMENT OF NEW PROPERTIES

2017-18	Begin public bathhouse project	\$325,000
2018-19	Complete public bathhouse project	\$325,000
	Phase I Camper Cottage Development	\$100,000
2019-20	Phase II Camper Cottages	\$100,000
2020-21	Phase III Camper Cottages	\$100,000

DAY USE AREA

2020-21	Replace play structure and surfacing	\$100,000
2022-23	Construct a Splash Park	\$ 50,000

CAMPGROUND

2017-18	Replace water heater in green bathroom	\$ 7,000
	Replace partitions in park restrooms	\$ 8,000
2018-19	Replace campground signage	\$ 5,000
2019-20	Re-do some blacktopped pads	\$ 30,000
2021-22	Upgrade campground electric to 50A	\$400,000
2022-23	US-23 fence improvements	\$120,000

DEWEY DURANT PARK

2017-18	Disc Golf Course	\$ 13,000
	Re-roof pavilion	\$ 23,000
2022-23	Replace play structure and surfacing	\$100,000

ROBERT BOLEN PARK

2017-18	Finish Outfield project	\$ 3,500
2018-19	Convert Lions building into a storage building	\$ 12,000
2019-20	Repaint Grandstand	\$ 8,500
	Resurface single basketball court and paint pickleball court	\$ 40,000
2020-21	Resurface double basketball court and paint street hockey on one	\$ 70,000
	Replace sideline fences on Pony League Field	\$ 20,000
2021-22	Replace play structure and surfacing	\$100,000

TOM DILLON PARK

2018-19	Replace outfield fence	\$ 20,000
2019-20	Ball field drainage	\$ 30,000

BIKE PATH

2017-18	New holiday banners	\$ 5,000
2019-20	Continue bike path to North City limits	\$200,000
2021-22	Retro-fit bike path lights/ globes	\$ 11,000

HARBOR PARK

2021-22	Construct a “permanent stage” for events	\$ 80,000
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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 2023, 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

2017-18	Loop Tawas Beach Road at meter pit to city limits	\$ 25,000
	Replace hydrant at City Park	\$ 5,000
	Evans Street water line replacement (one block)	\$ 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
	Engineering for US-23 project	\$ 10,000
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
2021-22	Install 6" line on Wood Street (1400')	\$ 60,000
2022-23	Replace water line on US-23 with 10" line 1650') and loop from hydrant at Park Office to US-23 to Pine (1010')	\$130,000

DETAILS FOR SEWER COLLECTION SYSTEM

2017-18	Pump for Green Road lift station	\$ 15,000
2018-19	Reline a portion of sewer on US 23 Church to Pine	\$260,000
2019-20	Address SAW Grant issues	\$ 50,000
2020-21	Address SAW Grant issues	\$ 50,000
2021-22	Address SAW Grant issues	\$ 50,000
2022-23	Address SAW Grant issues	\$ 50,000

DETAIL FOR STORM SEWERS

2017-18	Evans - Bay to Westover - 459' MS	\$ 18,000
	Evans - Westover to Lincoln - 838' LS	\$ 35,000
	Work on East Bay at Evans MS	\$ 15,000
2018-19	None	
2019-20	Install storm sewer on Schill Road - Green to Tawas Lake	\$ TBD
	Address SAW Grant issues	\$40,000
2020-21	Address SAW Grant issues	\$ 40,000

2021-22	Address SAW Grant issues	\$ 40,000
2022-23	Address SAW Grant issues	\$ 40,000

DETAIL FOR LOCAL STREETS

2017-18	Park Street - Newman west to dead end	622'	\$ 20,000
	Lakewood - Warren to Green	500'	\$ 11,000
	West Franklin - Sawyer to Newman	327'	\$ 6,000
	East Franklin - Newman to Wadsworth	1,323'	\$ 24,000
	West Franklin - Ogemaw to dead end	1,250'	\$ 23,000
	East Washington -Main to Tawas (curb & gutter)	333'	\$ 25,000
	Crack sealing		\$ 10,000
	Sidewalks		\$ 50,000
2018-19	Evans - Westover to Lincoln	838'	\$ 35,000
	Genesee - Washington to Franklin	452'	\$ 9,750
	Sawyer - Lincoln to Washington (curb & gutter)	460'	\$ 37,000
	Emery - Washington to Franklin	463'	\$ 13,000
	Emery - Bay to Westover	460'	\$ 13,000
	Crack sealing		\$ 10,000
	Sidewalks		\$ 50,000
2019-20	Church - Westover to Franklin	1757'	\$ 32,500
	Maple Drive - W. Tawas Lake Road to Jay	500'	\$ 13,000
	Court Drive- first 50'	50'	\$ 2,500
	Alice - Franklin to Woodlawn	559'	\$ 15,700
	Smith - Washington to Franklin	459'	\$ 12,900
	Provost - Wilkinson to Nelson	474'	\$ 10,000
	Fox - Smith to Alice	649'	\$ 18,000
	Crack sealing		\$ 10,000
	Sidewalks		\$ 50,000
2020-21	East Franklin - Grant to Emery	295'	\$ 7,500
	West Franklin - Sawyer to Ogemaw	1,400'	\$ 25,000
	Maple - Geller to Jay	1,165'	\$ 20,000
	Smith - Franklin to Fox	2,180'	\$ 38,000
	Centerwood	425'	\$ 9,000
	Clifford	496'	\$ 10,000
	Crack sealing		\$ 10,000
	Sidewalks		\$ 50,000
2021-22	Alice - Badger to Fox	500'	\$ 13,000
	East Tawas Lake Road-Newman thru to		

	Airport to RAP	2508'	\$ 40,000
	North Tawas Lake Road - Green to Warren	280'	\$ 4,500
	Warren -North Tawas Lake Road to Geller	1425'	\$ 22,800
	Geller - W Tawas Lake Road to Klenow (widen)	1325'	\$ 20,000
	Crack sealing		\$ 10,000
	Sidewalks		\$ 50,000
2022-23	West Tawas Lake Road - Rainbow to Maple	254'	\$ 5,400
	Bennington - Smith to Wadsworth	336'	\$ 4,800
	Lakewood Drive - Airport to Park to Cranberry Pike	817'	\$ 20,000
	Crack sealing		\$ 10,000
	Sidewalks		\$ 50,000

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

Mercer - Washington to Franklin	446'
Oakes - Bay Street to dead-end	307'
Owosso - Green Road to Lakewood Drive	776'
Schill 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

2017-18	Curb on State in front of Johnson Auto	35'	\$ 1,000
	Curb on Newman in first block of Newman	75'	\$ 2,100
	Curb on Newman in front of Chamber	26'	\$ 800
	Curb on State in front of News-Herald	26'	\$ 800
2018-19	Lincoln - Sawyer to Main	676'	\$ 50,000
	State - Sawyer to Main	678'	\$ 50,200
	Newman - Bay to Westover	459'	\$ 34,000
	Newman - Westover to State	361'	\$ 27,000
	Newman - State to Lincoln	474'	\$ 35,000
	Evans - Bay to Westover	459'	\$ 15,000

OTHER MAJOR STREETS - PRIORITIZE AND SCHEDULE (IF NECESSARY)

Westover - Wadsworth to Alice	PASER rating 3	331'
Wadsworth - Bay to Lincoln	PASER rating 3	1299'
Bay - Locke to Church	PASER rating 4	330'
Tawas Beach Road - US23 to Court Drive	PASER rating 4	602'
Lincoln - Main to Robert Elliott Boulevard	PASER rating 5	3630'
Newman - Lincoln to Tawas Lake Road		4283'

PARKING LOTS

2017-18	Block 4	Crack fill, seal and stripe	\$ 5,000
2018-19	Block 5	Crack fill, seal and stripe	\$ 5,000
2019-20	Block 18	Crack fill, seal and stripe	\$ 5,000
2020-21	Block 19	Crack fill, seal and stripe	\$ 5,000
2021-22	Block 4	Crack fill, seal and stripe	\$ 5,000
2022-23	Block 5	Crack fill, seal and stripe	\$ 5,000