

**Six Year Capital Improvement Plan**  
**Budget Year 2017-2018 by Program Name**

**All Projects Submitted for 2017-2018**

Bold - Indicates projects occurring in the first FY of the plan.  
+ - Indicates projects with multiple funding sources.

Project ID	Cat	Fiscal Year 2017-2018	Fiscal Year 2018-2019	Fiscal Year 2019-2020	Fiscal Year 2020-2021	Fiscal Year 2021-2022	Fiscal Year 2022-2023	Project Cost	City Funds	Non-City Funds	
<b>Bridges</b>											
<b>Tax Increment Financing</b>											
+ 58-17-CIP	<b>Eighth Street Bridge Repair</b>	V	\$750,000	\$150,000	\$0	\$0	\$0	\$900,000	\$150,000	\$750,000	
714-17-CIP	200 Block Alley Enhanced Improvements	V	\$0	\$0	\$0	\$0	\$817,000	\$0	\$817,000	\$817,000	\$0
+ 885-17-CIP	North Cass Street Bridge Rehabilitation	V	\$0	\$0	\$0	\$0	\$1,218,000	\$0	\$1,218,000	\$203,000	\$1,015,000
+ 586-17-CIP	Park Street Bridge Repair	V	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000	\$150,000	\$850,000
+ 187-17-CIP	South Cass Street Bridge Repair	V	\$0	\$982,000	\$0	\$0	\$0	\$0	\$982,000	\$132,000	\$850,000
+ 186-17-CIP	South Union Street Bridge Repair	V	\$0	\$0	\$0	\$0	\$1,134,000	\$0	\$1,134,000	\$189,000	\$945,000
+ 535-17-CIP	<b>West Front Street Bridge Replacement</b>	V	\$1,320,000	\$0	\$0	\$0	\$0	\$0	\$1,320,000	\$220,000	\$1,100,000
<b>Total Tax Increment Financing</b>			<b>\$2,070,000</b>	<b>\$2,132,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,169,000</b>	<b>\$0</b>	<b>\$7,371,000</b>	<b>\$1,861,000</b>	<b>\$5,510,000</b>
<b>Total Bridges</b>			<b>\$2,070,000</b>	<b>\$2,132,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,169,000</b>	<b>\$0</b>	<b>\$7,371,000</b>	<b>\$1,861,000</b>	<b>\$5,510,000</b>

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**Brown Bridge**

**Brown Bridge Maintenance Fund**

849-17-CIP	Bucks Landing Renovation	V	\$0	\$0	\$15,000	\$0	\$15,000	\$0	\$30,000	\$30,000	\$0
852-17-CIP	Invasive Species Surveys	V	\$0	\$0	\$5,000	\$0	\$5,000	\$0	\$10,000	\$10,000	\$0
853-17-CIP	Invasive Species Treatment	V	\$0	\$10,000	\$0	\$10,000	\$0	\$0	\$20,000	\$20,000	\$0
848-17-CIP	North Access Road Stabilization	V	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$0
<b>857-17-CIP</b>	<b>Pole Barn Concrete Floor/Electrical Upgrade</b>	V	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$0
975-17-CIP	Wildlife Habitat Improvements (Bottomlands Plant	V	\$0	\$10,000	\$0	\$10,000	\$0	\$0	\$20,000	\$20,000	\$0
<b>Total Brown Bridge Maintenance Fund</b>			<b>\$10,000</b>	<b>\$30,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$0</b>

**Brown Bridge Trust Parks Improvement**

+ 850-17-CIP	Crushed Limestone for New Bottomland Trails (1.8	V	\$0	\$95,000	\$0	\$0	\$0	\$0	\$95,000	\$47,500	\$47,500
+ 847-17-CIP	Historic Brown's Bridge (West-End)	V	\$45,000	\$65,000	\$0	\$0	\$0	\$0	\$110,000	\$55,000	\$55,000
+ 851-17-CIP	Interpretive and Navigational Signage	V	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$20,000	\$10,000	\$10,000
+ 863-17-CIP	North Parking Lot Improvements	V	\$0	\$0	\$30,000	\$0	\$0	\$0	\$30,000	\$15,000	\$15,000
+ 856-17-CIP	Overlook (2) and Access Steps (3 sets)	V	\$45,000	\$0	\$0	\$0	\$0	\$0	\$45,000	\$22,500	\$22,500
+ 855-17-CIP	Overlook and Historical Display at Former Powerho	V	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000	\$7,500	\$7,500
+ 865-17-CIP	Southside ADA Trail	V	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$20,000	\$10,000	\$10,000
<b>Total Brown Bridge Trust Parks Improvement</b>			<b>\$110,000</b>	<b>\$195,000</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$335,000</b>	<b>\$167,500</b>	<b>\$167,500</b>

<b>Total Brown Bridge</b>			<b>\$120,000</b>	<b>\$225,000</b>	<b>\$50,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$435,000</b>	<b>\$267,500</b>	<b>\$167,500</b>
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**Cemetery**

<b>General</b>											
47-17-CIP	Install Cremation Niches in Mausoleum	V	\$0	\$0	\$20,000	\$0	\$0	\$0	\$20,000	\$20,000	\$0
48-17-CIP	Paving of Main Loop in First Addition	V	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000	\$0
<b>Total General</b>			<b>\$20,000</b>	<b>\$0</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$0</b>
<b>Total Cemetery</b>			<b>\$20,000</b>	<b>\$0</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$0</b>

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**Civic**

**Tax Increment Financing**

+ 870-17-CIP	Civic Square	V	\$0	\$0	\$0	\$0	\$6,000,000	\$0	\$6,000,000	\$1,000,000	\$5,000,000
+ 781-17-CIP	Farmers Market	V	\$0	\$535,000	\$0	\$0	\$0	\$0	\$535,000	\$535,000	\$0
82-17-CIP	Lower Boardman River Enhancements	V	\$0	\$0	\$0	\$0	\$0	\$700,000	\$700,000	\$700,000	\$0
646-17-CIP	Public Restrooms at Lot O	V	\$0	\$0	\$0	\$0	\$0	\$316,000	\$316,000	\$316,000	\$0
877-17-CIP	Uptown/West Front Riverwalk from Union Street Dam	V	\$710,000	\$490,000	\$0	\$0	\$0	\$0	\$1,200,000	\$1,200,000	\$0
<b>Total Tax Increment Financing</b>			<b>\$710,000</b>	<b>\$1,025,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,000,000</b>	<b>\$1,016,000</b>	<b>\$8,751,000</b>	<b>\$3,751,000</b>	<b>\$5,000,000</b>
<b>Total Civic</b>			<b>\$710,000</b>	<b>\$1,025,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,000,000</b>	<b>\$1,016,000</b>	<b>\$8,751,000</b>	<b>\$3,751,000</b>	<b>\$5,000,000</b>

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<b>Facilities</b>											
<b>General</b>											
+ 168-17-CIP	Union Street Dam Improvements	V	\$0	\$11,000,000	\$0	\$0	\$0	\$0	\$11,000,000	\$1,000,000	\$10,000,000
172-17-CIP	Union Street Dam: Outlet relining	V	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000	\$400,000	\$0
<b>Total General</b>			<b>\$0</b>	<b>\$11,000,000</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,400,000</b>	<b>\$1,400,000</b>	<b>\$10,000,000</b>
<b>Senior Center Fund</b>											
871-17-CIP	Senior Center building renovation	V	\$0	\$0	\$0	\$0	\$0	\$1,200,000	\$1,200,000	\$0	\$1,200,000
<b>Total Senior Center Fund</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,200,000</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$1,200,000</b>
<b>Tax Increment Financing</b>											
<b>Total Tax Increment Financing</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Facilities</b>			<b>\$0</b>	<b>\$11,000,000</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,200,000</b>	<b>\$12,600,000</b>	<b>\$1,400,000</b>	<b>\$11,200,000</b>

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**Fire**

<b>General</b>											
977-17-CIP	Fire detection and suppression system installatio	V	\$125,000	\$85,000	\$0	\$0	\$0	\$0	\$210,000	\$210,000	\$0
976-17-CIP	Storage building at Fire Station 02	V	\$0	\$144,000	\$0	\$0	\$0	\$0	\$144,000	\$144,000	\$0
<b>Total General</b>			<b>\$125,000</b>	<b>\$229,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$354,000</b>	<b>\$354,000</b>	<b>\$0</b>
<b>Total Fire</b>			<b>\$125,000</b>	<b>\$229,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$354,000</b>	<b>\$354,000</b>	<b>\$0</b>

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**Garage**

<b>Garage</b>											
126-17-CIP	Annual Vehicle and Equipment Replacement	V	\$2,646,926	\$1,872,065	\$1,448,700	\$1,217,800	\$1,222,500	\$1,006,476	\$9,414,467	\$9,414,467	\$0
<b>Total Garage</b>			<b>\$2,646,926</b>	<b>\$1,872,065</b>	<b>\$1,448,700</b>	<b>\$1,217,800</b>	<b>\$1,222,500</b>	<b>\$1,006,476</b>	<b>\$9,414,467</b>	<b>\$9,414,467</b>	<b>\$0</b>
<b>Total Garage</b>			<b>\$2,646,926</b>	<b>\$1,872,065</b>	<b>\$1,448,700</b>	<b>\$1,217,800</b>	<b>\$1,222,500</b>	<b>\$1,006,476</b>	<b>\$9,414,467</b>	<b>\$9,414,467</b>	<b>\$0</b>

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**General Government**

<b>General</b>											
+ 1024-17-CIP	Replace/Upgrade AudioVisual Equipment at Gov Ctr	M	\$69,700	\$0	\$0	\$0	\$0	\$69,700	\$0	\$69,700	
784-17-CIP	Annual City Computers	V	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000	\$150,000	\$0	
4-17-CIP	City Document Management System	V	\$0	\$54,000	\$25,000	\$25,000	\$25,000	\$129,000	\$129,000	\$0	
1029-17-CIP	Master Plan Vision and Re-Write_PlanningCommission	V	\$0	\$20,000	\$0	\$80,000	\$0	\$100,000	\$100,000	\$0	
950-17-CIP	New Voting Technology	V	\$0	\$50,000	\$0	\$0	\$0	\$50,000	\$50,000	\$0	
925-17-CIP	Purchase new Accounting Software	V	\$130,000	\$0	\$0	\$0	\$0	\$130,000	\$130,000	\$0	
<b>Total General</b>			<b>\$229,700</b>	<b>\$154,000</b>	<b>\$55,000</b>	<b>\$135,000</b>	<b>\$55,000</b>	<b>\$0</b>	<b>\$628,700</b>	<b>\$559,000</b>	<b>\$69,700</b>
<b>Total General Government</b>			<b>\$229,700</b>	<b>\$154,000</b>	<b>\$55,000</b>	<b>\$135,000</b>	<b>\$55,000</b>	<b>\$0</b>	<b>\$628,700</b>	<b>\$559,000</b>	<b>\$69,700</b>



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<b>Light and Power</b>										
<b>Light and Power</b>										
<b>1004-17-CIP</b>	<b>CRITICAL AND LARGE CUSTOMERS (NEW)</b>	\$270,000	\$410,000	\$925,000	\$925,000	\$0	\$0	\$2,530,000	\$2,530,000	\$0
809-17-CIP	DISTRIBUTION CIRCUIT REBUILD	\$0	\$1,189,000	\$650,000	\$980,000	\$1,117,000	\$1,815,000	\$5,751,000	\$5,751,000	\$0
1005-17-CIP	HARTMAN ROAD OVERHEAD TIE (NEW)	\$0	\$475,000	\$0	\$0	\$0	\$0	\$475,000	\$475,000	\$0
<b>818-17-CIP</b>	<b>HIGH PRESSURE SODIUM TO LED SYSTEM REPLACEMENTS</b>	\$331,591	\$331,591	\$331,591	\$331,591	\$331,591	\$331,591	\$1,989,546	\$1,989,546	\$0
<b>808-17-CIP</b>	<b>LINE IMPROVEMENTS, EXTENSIONS AND NEW SERVICES</b>	\$1,000,000	\$1,050,000	\$1,100,000	\$1,150,000	\$1,200,000	\$1,250,000	\$6,750,000	\$6,750,000	\$0
811-17-CIP	OVERHEAD TO UNDERGROUND CONVERSION PROJECTS	\$0	\$700,000	\$725,000	\$750,000	\$775,000	\$800,000	\$3,750,000	\$3,750,000	\$0
<b>824-17-CIP</b>	<b>HASTINGS SERVICE CENTER FACILITY IMPROVEMENTS (NEW)</b>	\$150,000	\$100,000	\$0	\$0	\$0	\$0	\$250,000	\$250,000	\$0
<b>825-17-CIP</b>	<b>AUTOMATED METERING INFRASTRUCTURE (AMI)</b>	\$1,900,000	\$0	\$0	\$0	\$0	\$0	\$1,900,000	\$1,900,000	\$0
<b>1010-17-CIP</b>	<b>CASS &amp; LAKE STREET STREETSCAPES LIGHTING (NEW)</b>	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000	\$350,000	\$0
1009-17-CIP	DIVISION STREET STREETSCAPES LIGHTING (NEW)	\$0	\$1	\$0	\$0	\$0	\$0	\$1	\$1	\$0
1008-17-CIP	EIGHTH STREET STREETSCAPES LIGHTING (NEW)	\$0	\$1	\$0	\$0	\$0	\$0	\$1	\$1	\$0
<b>1006-17-CIP</b>	<b>FINANCIAL SOFTWARE (NEW)</b>	\$25,000	\$75,000	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$0
<b>1007-17-CIP</b>	<b>PARK STREET STREETSCAPES LIGHTING</b>	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$0
829-17-CIP	UPGRADE FRONT ST LIGHTING CIRCUITS & RECEPTACLES	\$0	\$0	\$0	\$0	\$1,340,000	\$0	\$1,340,000	\$1,340,000	\$0
<b>1011-17-CIP</b>	<b>WEST FRONT STREETSCAPES LIGHTING (NEW)</b>	\$1	\$0	\$0	\$0	\$0	\$0	\$1	\$1	\$0
1003-17-CIP	SUBSTATION CIRCUIT EXITS (NEW)	\$0	\$560,000	\$0	\$0	\$0	\$0	\$560,000	\$560,000	\$0
815-17-CIP	SUBSTATION SWITCHING STATIONS	\$0	\$0	\$1,560,000	\$1,610,000	\$0	\$0	\$3,170,000	\$3,170,000	\$0
<b>819-17-CIP</b>	<b>SUBSTATION TRANSFORMER UPGRADES</b>	\$1,500,000	\$750,000	\$0	\$0	\$0	\$0	\$2,250,000	\$2,250,000	\$0
820-17-CIP	TRANSMISSION LINE RECONSTRUCTION	\$0	\$0	\$475,000	\$475,000	\$430,000	\$615,000	\$1,995,000	\$1,995,000	\$0
<b>Total Light and Power</b>		<b>\$5,626,592</b>	<b>\$5,640,593</b>	<b>\$5,766,591</b>	<b>\$6,221,591</b>	<b>\$5,193,591</b>	<b>\$4,811,591</b>	<b>\$33,260,549</b>	<b>\$33,260,549</b>	<b>\$0</b>
<b>Total Light and Power</b>		<b>\$5,626,592</b>	<b>\$5,640,593</b>	<b>\$5,766,591</b>	<b>\$6,221,591</b>	<b>\$5,193,591</b>	<b>\$4,811,591</b>	<b>\$33,260,549</b>	<b>\$33,260,549</b>	<b>\$0</b>

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**Parking**

**Tax Increment Financing**

<b>+ 645-17-CIP</b>	<b>West Front St Redevelopment (BOND)</b>	V	\$492,500	\$935,000	\$935,000	\$935,000	\$935,000	\$935,000	\$5,167,500	\$4,867,500	\$300,000
<b>Total Tax Increment Financing</b>			<b>\$492,500</b>	<b>\$935,000</b>	<b>\$935,000</b>	<b>\$935,000</b>	<b>\$935,000</b>	<b>\$935,000</b>	<b>\$5,167,500</b>	<b>\$4,867,500</b>	<b>\$300,000</b>

**Traverse City Parking System**

<b>984-17-CIP</b>	<b>Camera System Expansion</b>	V	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$0
<b>545-17-CIP</b>	<b>Lot B Rehab</b>	V	\$135,000	\$0	\$0	\$0	\$0	\$0	\$135,000	\$135,000	\$0
979-17-CIP	Lot C Resurfacing	V	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$50,000	\$0
980-17-CIP	Lot J Resurfacing	V	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$50,000	\$0
708-17-CIP	Lot O Remediation	V	\$0	\$0	\$0	\$0	\$430,000	\$0	\$430,000	\$430,000	\$0
<b>729-17-CIP</b>	<b>Lot P Reconstruction</b>	V	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000	\$0
<b>982-17-CIP</b>	<b>Lot T Resurfacing</b>	V	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$0
<b>Total Traverse City Parking System</b>			<b>\$315,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$430,000</b>	<b>\$0</b>	<b>\$845,000</b>	<b>\$845,000</b>	<b>\$0</b>

<b>Total Parking</b>			<b>\$807,500</b>	<b>\$935,000</b>	<b>\$935,000</b>	<b>\$1,035,000</b>	<b>\$1,365,000</b>	<b>\$935,000</b>	<b>\$6,012,500</b>	<b>\$5,712,500</b>	<b>\$300,000</b>
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**Six Year Capital Improvement Plan**  
**Budget Year 2017-2018 by Program Name**

**All Projects Submitted for 2017-2018**

<p>Bold - Indicates projects occurring in the first FY of the plan . + - Indicates projects with multiple funding sources.</p>										
Project ID	Cat	Fiscal Year 2017-2018	Fiscal Year 2018-2019	Fiscal Year 2019-2020	Fiscal Year 2020-2021	Fiscal Year 2021-2022	Fiscal Year 2022-2023	Project Cost	City Funds	Non-City Funds

**Parks**

**Bayfront Plan NON-TIF Implementation**

+ 778-17-CIP	Boardman River Downtown and East Connections	V	\$0	\$0	\$0	\$0	\$0	\$1,780,000	\$1,780,000	\$0	\$1,780,000
874-17-CIP	Con Foster Commons-Bayfront Plan	V	\$0	\$0	\$0	\$0	\$0	\$1,813,762	\$1,813,762	\$0	\$1,813,762
872-17-CIP	Hall Street Beach-Bayfront Plan	V	\$0	\$0	\$0	\$0	\$0	\$1,545,499	\$1,545,499	\$0	\$1,545,499
+ 622-17-CIP	Hall to Oak Street Phase-Bayfront Plan	V	\$0	\$0	\$0	\$0	\$0	\$863,740	\$863,740	\$0	\$863,740
+ 551-17-CIP	Holiday Inn Phase - Bayfront Plan	V	\$0	\$0	\$0	\$0	\$0	\$2,318,500	\$2,318,500	\$0	\$2,318,500
875-17-CIP	Marina Boat Launch Parking-Bayfront Plan	V	\$0	\$0	\$0	\$0	\$0	\$2,171,514	\$2,171,514	\$0	\$2,171,514
+ 873-17-CIP	<b>Open Space -Bayfront Plan</b>	V	\$50,000	\$0	\$0	\$0	\$0	\$2,800,000	\$2,850,000	\$0	\$2,850,000
+ 602-17-CIP	Senior Center -Bayfront Plan	V	\$0	\$0	\$0	\$0	\$0	\$146,478	\$146,478	\$0	\$146,478
+ 598-17-CIP	Sunset Beach -Bayfront Plan	V	\$0	\$0	\$0	\$0	\$0	\$535,362	\$535,362	\$0	\$535,362
+ 618-17-CIP	West End Beach Phase- Bayfront Plan	V	\$0	\$0	\$0	\$0	\$0	\$748,946	\$748,946	\$0	\$748,946
<b>Total Bayfront Plan NON-TIF Implementation</b>			<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,723,801</b>	<b>\$14,773,801</b>	<b>\$0</b>	<b>\$14,773,801</b>

**Brown Bridge Trust Parks Improvement**

+ 538-17-CIP	Clancy Park Improvements	V	\$158,000	\$0	\$0	\$0	\$0	\$0	\$158,000	\$109,000	\$49,000
3-17-CIP	Hannah Park improvements	V	\$65,000	\$0	\$0	\$0	\$0	\$0	\$65,000	\$65,000	\$0
+ 28-17-CIP	Hickory Hills Lodge Replacement	V	\$1,857,500	\$0	\$0	\$0	\$0	\$0	\$1,857,500	\$750,000	\$1,107,500
+ 929-17-CIP	Hickory Hills Master Plan Improvements	V	\$0	\$2,082,500	\$0	\$0	\$0	\$0	\$2,082,500	\$725,000	\$1,357,500
<b>Total Brown Bridge Trust Parks Improvement</b>			<b>\$2,080,500</b>	<b>\$2,082,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,163,000</b>	<b>\$1,649,000</b>	<b>\$2,514,000</b>

**General**

**Six Year Capital Improvement Plan**  
**Budget Year 2017-2018 by Program Name**

**All Projects Submitted for 2017-2018**

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Project ID	Cat	Fiscal Year 2017-2018	Fiscal Year 2018-2019	Fiscal Year 2019-2020	Fiscal Year 2020-2021	Fiscal Year 2021-2022	Fiscal Year 2022-2023	Project Cost	City Funds	Non-City Funds

**Parks**

<b>General</b>											
+ 928-17-CIP	American Legion Park Improvements	V	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$0	\$150,000
+ 306-17-CIP	Ashton Park Playground	V	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000	\$12,000	\$3,000
+ 539-17-CIP	Boon Street Park Playground Improvements	V	\$0	\$0	\$25,000	\$0	\$0	\$0	\$25,000	\$23,000	\$2,000
+ 26-17-CIP	Bryant Park Retaining Wall	V	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000	\$50,000	\$50,000
<b>940-17-CIP</b>	<b>Clinch Park Maintenance</b>	V	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000	\$0
1021-17-CIP	East Bay, Bryant and Hull Park Bathhouse Roof	M	\$0	\$0	\$0	\$0	\$0	\$125,000	\$125,000	\$125,000	\$0
328-17-CIP	Hickory Hills Maintenance Facility	V	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$250,000	\$0
+ 309-17-CIP	Indian Woods Playground	V	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000	\$25,000	\$5,000
+ 972-17-CIP	Mini Park Upgrade and East Downtown Entrance	V	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$100,000	\$100,000
785-17-CIP	Natural Features Inventory (Planning Commission)	V	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$0
684-17-CIP	Park Sign Replacement	V	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$0
+ 543-17-CIP	Rose and Boyd Triangle Park (Jupiter Gardens)	V	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000	\$30,000	\$30,000
+ 926-17-CIP	Senior Citizen Park Improvements	V	\$0	\$0	\$75,000	\$0	\$0	\$0	\$75,000	\$35,000	\$40,000
+ 927-17-CIP	Sunset Park Improvements	V	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000	\$100,000	\$100,000
+ 1020-17-CIP	West End Beach Bathhouse Project	C	\$0	\$0	\$0	\$0	\$265,000	\$0	\$265,000	\$132,500	\$132,500
<b>Total General</b>			<b>\$150,000</b>	<b>\$655,000</b>	<b>\$200,000</b>	<b>\$350,000</b>	<b>\$265,000</b>	<b>\$125,000</b>	<b>\$1,745,000</b>	<b>\$1,132,500</b>	<b>\$612,500</b>
<b>Total Parks</b>			<b>\$2,280,500</b>	<b>\$2,737,500</b>	<b>\$200,000</b>	<b>\$350,000</b>	<b>\$265,000</b>	<b>\$14,848,801</b>	<b>\$20,681,801</b>	<b>\$2,781,500</b>	<b>\$17,900,301</b>

**Six Year Capital Improvement Plan**  
**Budget Year 2017-2018 by Program Name**

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**Streets**

**General**

779-17-CIP	Annual Corridor Improvements	V	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$500,000	\$0
+ 14-17-CIP	<b>Annual Street Reconstruction Program</b>	V	\$1,010,000	\$1,660,000	\$1,660,000	\$1,660,000	\$900,000	\$900,000	\$7,790,000	\$7,790,000	\$0
320-17-CIP	Division Street	V	\$0	\$100,000	\$100,000	\$100,000	\$0	\$0	\$300,000	\$300,000	\$0
+ 1022-17-CIP	<b>Eighth Street Alley (Wellington to Franklin)</b>	M	\$275,000	\$0	\$0	\$0	\$0	\$0	\$275,000	\$275,000	\$0
+ 882-17-CIP	<b>Eighth Street- Lake Ave. to Woodmere</b>	V	\$50,000	\$3,875,000	\$2,375,000	\$4,250,000	\$0	\$0	\$10,550,000	\$10,550,000	\$0
616-17-CIP	Grand Traverse Commons Infrastructure	V	\$0	\$223,095	\$690,000	\$310,000	\$0	\$0	\$1,223,095	\$0	\$1,223,095
889-17-CIP	Traffic Calming	V	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	\$600,000	\$0
15-17-CIP	Traffic Signal Power Backup	V	\$0	\$22,500	\$22,500	\$22,500	\$22,500	\$0	\$90,000	\$90,000	\$0
16-17-CIP	Traffic Signal Upgrades	V	\$0	\$120,000	\$60,000	\$60,000	\$60,000	\$60,000	\$360,000	\$360,000	\$0
+ 864-17-CIP	West Boardman Lake District Improvements	V	\$0	\$0	\$0	\$0	\$3,650,000	\$0	\$3,650,000	\$650,000	\$3,000,000
+ 881-17-CIP	<b>West Front Street, Elmwood to Division Street</b>	V	\$511,250	\$0	\$0	\$0	\$0	\$0	\$511,250	\$125,000	\$386,250
<b>Total General</b>			<b>\$1,946,250</b>	<b>\$6,200,595</b>	<b>\$5,107,500</b>	<b>\$6,602,500</b>	<b>\$4,832,500</b>	<b>\$1,160,000</b>	<b>\$25,849,345</b>	<b>\$21,240,000</b>	<b>\$4,609,345</b>

**Hardy Deck Balance**

<b>Total Hardy Deck Balance</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
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**Tax Increment Financing**

+ 1026-17-CIP	Union Street and Streetscape	C	\$0	\$0	\$0	\$669,060	\$0	\$0	\$669,060	\$669,060	\$0
+ 61-17-CIP	<b>Cass &amp; Lake: Streetscape Improvements</b>	V	\$545,500	\$0	\$0	\$0	\$0	\$0	\$545,500	\$272,750	\$272,750
+ 717-17-CIP	East Front Streetscapes (Boardman to Grndwv Pkwy)	V	\$0	\$0	\$915,000	\$0	\$0	\$0	\$915,000	\$515,000	\$400,000
713-17-CIP	Grandview Parkway Pedestrian Crossing Enhancement	V	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000	\$500,000	\$0
<b>Total Tax Increment Financing</b>			<b>\$545,500</b>	<b>\$0</b>	<b>\$915,000</b>	<b>\$669,060</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$2,629,560</b>	<b>\$1,956,810</b>	<b>\$672,750</b>

<b>Total Streets</b>			<b>\$2,491,750</b>	<b>\$6,200,595</b>	<b>\$6,022,500</b>	<b>\$7,271,560</b>	<b>\$5,332,500</b>	<b>\$1,160,000</b>	<b>\$28,478,905</b>	<b>\$23,196,810</b>	<b>\$5,282,095</b>
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**Six Year Capital Improvement Plan**  
**Budget Year 2017-2018 by Program Name**

**All Projects Submitted for 2017-2018**

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**Walkways**

**Bayfront Plan NON-TIF Implementation**

842-17-CIP	Non-motorized trail (Hall-Division)-Bayfront Plan	V	\$0	\$0	\$0	\$0	\$0	\$130,000	\$130,000	\$0	\$130,000
<b>Total Bayfront Plan NON-TIF Implementation</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$130,000</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$130,000</b>

**General**

+ 570-17-CIP	Boardman Lake Trail-West (14th to S. Airport)	V	\$360,000	\$4,940,000	\$0	\$0	\$0	\$0	\$5,300,000	\$0	\$5,300,000
+ 316-17-CIP	Boardman River Walk south of 8th Street Bridge	V	\$0	\$0	\$0	\$0	\$690,700	\$0	\$690,700	\$175,700	\$515,000
946-17-CIP	Expand Sidewalk System/Infill Gaps	V	\$4,500,000	\$366,500	\$366,500	\$366,500	\$366,500	\$366,500	\$6,332,500	\$6,332,500	\$0
+ 1023-17-CIP	Expand Sidewalk System/Infill Gaps (SR2S)	C	\$100,000	\$766,666	\$766,666	\$766,668	\$0	\$0	\$2,400,000	\$0	\$2,400,000
974-17-CIP	Murchie Bridge railings	V	\$70,000	\$0	\$0	\$0	\$0	\$0	\$70,000	\$70,000	\$0
+ 942-17-CIP	TART Trail Reconstruction from Woodmere to 3 Mile	V	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$250,000	\$250,000
<b>Total General</b>			<b>\$5,030,000</b>	<b>\$6,073,166</b>	<b>\$1,133,166</b>	<b>\$1,133,168</b>	<b>\$1,057,200</b>	<b>\$866,500</b>	<b>\$15,293,200</b>	<b>\$6,828,200</b>	<b>\$8,465,000</b>

**Tax Increment Financing**

1025-17-CIP	Rivers Edge Riverwalk Decking Replacement	M	\$0	\$0	\$106,869	\$0	\$0	\$0	\$106,869	\$106,869	\$0
<b>Total Tax Increment Financing</b>			<b>\$0</b>	<b>\$0</b>	<b>\$106,869</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$106,869</b>	<b>\$106,869</b>	<b>\$0</b>

<b>Total Walkways</b>			<b>\$5,030,000</b>	<b>\$6,073,166</b>	<b>\$1,240,035</b>	<b>\$1,133,168</b>	<b>\$1,057,200</b>	<b>\$996,500</b>	<b>\$15,530,069</b>	<b>\$6,935,069</b>	<b>\$8,595,000</b>
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**Six Year Capital Improvement Plan**

**All Projects Submitted for 2017-2018**

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**Wastewater**

**Waste Water**

<b>366-17-CIP</b>	<b>Annual Sewer Rehab/Replace</b>	V	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$0	\$2,250,000	\$2,250,000	\$0
<b>13-17-CIP</b>	<b>Annual Storm Water Mngt Program</b>	M	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000	\$300,000	\$0
<b>987-17-CIP</b>	<b>Automated Metering Infrastructure</b>	V	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000	\$750,000	\$0
<b>293-17-CIP</b>	<b>Catch Basin &amp; Manhole Casting Replacement</b>	V	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000	\$0
968-17-CIP	Clinch Park Lift Station/Bay Street/Birchwood Upg	M	\$0	\$0	\$0	\$117,000	\$0	\$0	\$117,000	\$117,000	\$0
1000-17-CIP	Engineering Eval/Cond Assess Birchwood Lift Stn	V	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$0
967-17-CIP	Engineering Evaluation of Clinch Park Lift Statio	V	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$0
1002-17-CIP	Front St Lift Sta Engineering Evaluation	V	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$50,000	\$0
1001-17-CIP	Front ST. Lift Stn. VFD Pipe&Pump Wet Well Upgrade	M	\$0	\$0	\$0	\$0	\$598,000	\$0	\$598,000	\$598,000	\$0
<b>+ 899-17-CIP</b>	<b>Front Street Lift Station &amp; TCRWWTP PLC Upgrade</b>	M	\$152,639	\$0	\$0	\$0	\$0	\$0	\$152,639	\$116,006	\$36,633
910-17-CIP	Front Street Lift Station Pump Around Hookup	V	\$0	\$0	\$0	\$0	\$80,000	\$0	\$80,000	\$80,000	\$0
913-17-CIP	Lift Station Telemetry System	V	\$0	\$0	\$0	\$90,000	\$0	\$0	\$90,000	\$90,000	\$0
898-17-CIP	Riverine Lift Station Equipment Upgrade	M	\$0	\$0	\$0	\$0	\$0	\$107,865	\$107,865	\$107,865	\$0

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**Wastewater**

<b>Waste Water</b>											
Project ID	Cat	Fiscal Year 2017-2018	Fiscal Year 2018-2019	Fiscal Year 2019-2020	Fiscal Year 2020-2021	Fiscal Year 2021-2022	Fiscal Year 2022-2023	Project Cost	City Funds	Non-City Funds	
+ 948-17-CIP	<b>Digester 3 and 4 Reconditioning</b>	M	\$208,000	\$208,000	\$0	\$0	\$0	\$0	\$416,000	\$208,000	\$208,000
+ 966-17-CIP	<b>Digester Condition Assessment</b>	M	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$25,000	\$25,000	
+ 971-17-CIP	Enclose Membrane Trains	C	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$250,000	\$250,000	
+ 1019-17-CIP	<b>Engineering study pertaining to the Facility Plan</b>	M	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$100,000	\$100,000	
+ 900-17-CIP	Membrane Distribution & RAS Channel Aeration Line	M	\$0	\$95,400	\$0	\$0	\$0	\$95,400	\$47,700	\$47,700	
+ 786-17-CIP	<b>Membrane Gate Replacement</b>	M	\$51,742	\$59,982	\$0	\$0	\$0	\$111,724	\$55,862	\$55,862	
+ 970-17-CIP	Plant PLC Upgrade	M	\$0	\$0	\$0	\$0	\$243,024	\$243,024	\$121,512	\$121,512	
+ 890-17-CIP	<b>Plant-Membrane Replacement</b>	M	\$860,000	\$860,000	\$860,000	\$860,000	\$0	\$940,000	\$4,380,000	\$2,190,000	\$2,190,000
+ 905-17-CIP	Primary Clarifier Chain/Flight Replacement	M	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000	\$500,000	\$500,000	
+ 904-17-CIP	Primary Clarifier Supports and Structure	M	\$0	\$0	\$0	\$363,654	\$0	\$363,654	\$181,827	\$181,827	
+ 902-17-CIP	Primary Header Replacement	M	\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$250,000	\$250,000	
+ 912-17-CIP	Reconditioning Digesters 1 and 2	M	\$0	\$0	\$0	\$0	\$80,000	\$80,000	\$40,000	\$40,000	
+ 795-17-CIP	SCADA Upgrade	V	\$0	\$0	\$95,000	\$0	\$0	\$95,000	\$47,500	\$47,500	
+ 893-17-CIP	Screw Pump Replacement	M	\$0	\$500,000	\$500,000	\$0	\$0	\$1,000,000	\$500,000	\$500,000	
+ 1018-17-CIP	<b>UV System and Structure Modification Project</b>	C	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$250,000	\$250,000	
+ 894-17-CIP	<b>West Biosolids Storage Tank Pump Upgrade</b>	M	\$122,512	\$0	\$0	\$0	\$0	\$122,512	\$61,256	\$61,256	
+ 764-17-CIP	Window Replacement 503 Hannah Ave.	V	\$0	\$60,000	\$0	\$0	\$0	\$60,000	\$60,000	\$0	
<b>Total Waste Water</b>			<b>\$3,424,893</b>	<b>\$2,783,382</b>	<b>\$1,955,000</b>	<b>\$2,980,654</b>	<b>\$1,421,024</b>	<b>\$1,777,865</b>	<b>\$14,342,818</b>	<b>\$9,477,528</b>	<b>\$4,865,290</b>
<b>Total Wastewater</b>			<b>\$3,424,893</b>	<b>\$2,783,382</b>	<b>\$1,955,000</b>	<b>\$2,980,654</b>	<b>\$1,421,024</b>	<b>\$1,777,865</b>	<b>\$14,342,818</b>	<b>\$9,477,528</b>	<b>\$4,865,290</b>



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**Water**

**Water**

<b>367-17-CIP</b>	<b>Annual Water Rehab/Replace</b>	V	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,700,000	\$2,700,000	\$0
<b>986-17-CIP</b>	<b>Automated Metering Infrastructure (+Wastewater)</b>	V	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000	\$750,000	\$0
<b>113-17-CIP</b>	<b>Barlow Reservoir Rehabilitation / Reconstruction</b>	V	\$100,000	\$900,000	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0
<b>973-17-CIP</b>	<b>Galvanized Water Service Replacement Project</b>	V	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$0
932-17-CIP	Hannah Ave Water Main Upgrade	V	\$0	\$0	\$310,000	\$0	\$0	\$0	\$310,000	\$310,000	\$0
1016-17-CIP	Veterans Drive Water Main Replacement Project.	C	\$0	\$0	\$0	\$0	\$400,000	\$0	\$400,000	\$400,000	\$0
<b>1014-17-CIP</b>	<b>Wayne Hill/Huron Hills Booster Pump Replacement Pr</b>	M	\$20,000	\$20,000	\$20,000	\$0	\$0	\$0	\$60,000	\$60,000	\$0
<b>1012-17-CIP</b>	<b>2 Million Gallon LaFrainer Road Water Reservoir</b>	C	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$0
935-17-CIP	East - West Transmission Main Upgrade	V	\$0	\$0	\$0	\$1,900,000	\$0	\$0	\$1,900,000	\$1,900,000	\$0
930-17-CIP	Electrical Gear Upgrades at WTP & Low Service	V	\$0	\$0	\$850,000	\$0	\$0	\$0	\$850,000	\$850,000	\$0
<b>770-17-CIP</b>	<b>High &amp; Low Service Pump Repairs</b>	V	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$0	\$400,000	\$400,000	\$0
115-17-CIP	Midtown Water Transmission Line	V	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$0
+ 1027-17-CIP	Park Place Area Infrastructure Improvements	C	\$0	\$1,225,000	\$0	\$0	\$0	\$0	\$1,225,000	\$1,225,000	\$0
1017-17-CIP	WTP Standby Generator Replacement Project	M	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000	\$250,000	\$0
933-17-CIP	Chemical System Upgrades (Alum, Chlorine & Fluori	V	\$0	\$0	\$175,000	\$0	\$0	\$0	\$175,000	\$175,000	\$0
114-17-CIP	Filters 1, 2 & 3 Media Replacement & Surface Wash	V	\$0	\$350,000	\$0	\$0	\$0	\$0	\$350,000	\$350,000	\$0
934-17-CIP	Filters 1, 2 & 3 Valve Replacement	V	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000	\$400,000	\$0
731-17-CIP	Generator Plug Receptacle for Low Service Pump St	V	\$0	\$20,000	\$0	\$0	\$0	\$0	\$20,000	\$20,000	\$0
<b>1028-17-CIP</b>	<b>Lagoon Maintenance</b>	M	\$60,000	\$0	\$60,000	\$0	\$60,000	\$0	\$180,000	\$180,000	\$0
1015-17-CIP	Low Service Check Valve Replacement Project	M	\$0	\$0	\$40,000	\$0	\$0	\$0	\$40,000	\$40,000	\$0
<b>507-17-CIP</b>	<b>Replacement of Air Compressors</b>	V	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$0
<b>1013-17-CIP</b>	<b>WTP Roof Replacement Project</b>	M	\$70,000	\$0	\$0	\$0	\$0	\$0	\$70,000	\$70,000	\$0
<b>Total Water</b>			<b>\$3,740,000</b>	<b>\$4,545,000</b>	<b>\$2,385,000</b>	<b>\$2,430,000</b>	<b>\$990,000</b>	<b>\$700,000</b>	<b>\$14,790,000</b>	<b>\$14,790,000</b>	<b>\$0</b>
<b>Total Water</b>			<b>\$3,740,000</b>	<b>\$4,545,000</b>	<b>\$2,385,000</b>	<b>\$2,430,000</b>	<b>\$990,000</b>	<b>\$700,000</b>	<b>\$14,790,000</b>	<b>\$14,790,000</b>	<b>\$0</b>

**Six Year Capital Improvement Plan**  
**Budget Year 2017-2018 by Program Name**

**All Projects Submitted for 2017-2018**

Bold - Indicates projects occurring in the first FY of the plan. + - Indicates projects with multiple funding sources.										
Project ID	Cat	Fiscal Year 2017-2018	Fiscal Year 2018-2019	Fiscal Year 2019-2020	Fiscal Year 2020-2021	Fiscal Year 2021-2022	Fiscal Year 2022-2023	Project Cost	City Funds	Non-City Funds
<b>GRAND TOTAL:</b>		\$29,322,861	\$45,552,301	\$20,477,826	\$22,794,773	\$26,090,815	\$28,452,233	\$172,690,809	\$113,800,923	\$58,889,886