

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 |

Bridges

| | | | | | | | | | | |
|--------------------------------------|---|---|--------------------|--------------------|------------|------------|--------------------|-------------|--------------------|--------------------|
| Tax Increment Financing | | | | | | | | | | |
| + 58-17-CIP | Eighth Street Bridge Repair | 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 | \$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 |
| + 586-17-CIP | Park Street Bridge Repair | V | \$0 | \$1,000,000 | \$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 | \$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 |
| + 535-17-CIP | West Front Street Bridge Replacement | V | \$1,320,000 | \$0 | \$0 | \$0 | \$0 | \$1,320,000 | \$220,000 | \$1,100,000 |
| Total Tax Increment Financing | | | \$2,070,000 | \$2,132,000 | \$0 | \$0 | \$3,169,000 | \$0 | \$7,371,000 | \$1,861,000 |
| Total Bridges | | | \$2,070,000 | \$2,132,000 | \$0 | \$0 | \$3,169,000 | \$0 | \$7,371,000 | \$1,861,000 |

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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 |
| 852-17-CIP | Invasive Species Surveys | V | \$0 | \$0 | \$5,000 | \$0 | \$5,000 | \$0 | \$10,000 | \$10,000 |
| 853-17-CIP | Invasive Species Treatment | V | \$0 | \$10,000 | \$0 | \$10,000 | \$0 | \$0 | \$20,000 | \$20,000 |
| 848-17-CIP | North Access Road Stabilization | V | \$0 | \$10,000 | \$0 | \$0 | \$0 | \$0 | \$10,000 | \$10,000 |
| 857-17-CIP | Pole Barn Concrete Floor/Electrical Upgrade | V | \$10,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$10,000 | \$10,000 |
| 975-17-CIP | Wildlife Habitat Improvements (Bottomlands Plant | V | \$0 | \$10,000 | \$0 | \$10,000 | \$0 | \$0 | \$20,000 | \$20,000 |
| Total Brown Bridge Maintenance Fund | | | \$10,000 | \$30,000 | \$20,000 | \$20,000 | \$20,000 | \$0 | \$100,000 | \$100,000 |
| 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 |
| + 847-17-CIP | Historic Brown's Bridge (West-End) | V | \$45,000 | \$65,000 | \$0 | \$0 | \$0 | \$0 | \$110,000 | \$55,000 |
| + 851-17-CIP | Interpretive and Navigational Signage | V | \$10,000 | \$10,000 | \$0 | \$0 | \$0 | \$0 | \$20,000 | \$10,000 |
| + 863-17-CIP | North Parking Lot Improvements | V | \$0 | \$0 | \$30,000 | \$0 | \$0 | \$0 | \$30,000 | \$15,000 |
| + 856-17-CIP | Overlook (2) and Access Steps (3 sets) | V | \$45,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$45,000 | \$22,500 |
| + 855-17-CIP | Overlook and Historical Display at Former Powerho | V | \$0 | \$15,000 | \$0 | \$0 | \$0 | \$0 | \$15,000 | \$7,500 |
| + 865-17-CIP | Southside ADA Trail | V | \$10,000 | \$10,000 | \$0 | \$0 | \$0 | \$0 | \$20,000 | \$10,000 |
| Total Brown Bridge Trust Parks Improvement | | | \$110,000 | \$195,000 | \$30,000 | \$0 | \$0 | \$0 | \$335,000 | \$167,500 |
| Total Brown Bridge | | | \$120,000 | \$225,000 | \$50,000 | \$20,000 | \$20,000 | \$0 | \$435,000 | \$167,500 |

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| Cemetery | | | | | | | | | | | |
| General | | | | | | | | | | | |
| 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 |
| Total General | | | \$20,000 | \$0 | \$20,000 | \$0 | \$0 | \$0 | \$40,000 | \$40,000 | \$0 |
| Total Cemetery | | | \$20,000 | \$0 | \$20,000 | \$0 | \$0 | \$0 | \$40,000 | \$40,000 | \$0 |

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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 |
| Total Tax Increment Financing | | | \$710,000 | \$1,025,000 | \$0 | \$0 | \$6,000,000 | \$1,016,000 | \$8,751,000 | \$3,751,000 | \$5,000,000 |
| Total Civic | | | \$710,000 | \$1,025,000 | \$0 | \$0 | \$6,000,000 | \$1,016,000 | \$8,751,000 | \$3,751,000 | \$5,000,000 |

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| Facilities | | | | | | | | | | | |
| General | | | | | | | | | | | |
| + 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 |
| Total General | | | \$0 | \$11,000,000 | \$400,000 | \$0 | \$0 | \$0 | \$11,400,000 | \$1,400,000 | \$10,000,000 |
| Senior Center Fund | | | | | | | | | | | |
| 871-17-CIP | Senior Center building renovation | V | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,200,000 | \$1,200,000 | \$0 | \$1,200,000 |
| Total Senior Center Fund | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,200,000 | \$1,200,000 | \$0 | \$1,200,000 |
| Tax Increment Financing | | | | | | | | | | | |
| Total Tax Increment Financing | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Facilities | | | \$0 | \$11,000,000 | \$400,000 | \$0 | \$0 | \$1,200,000 | \$12,600,000 | \$1,400,000 | \$11,200,000 |

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Fire

| General | | | | | | | | | | | |
|---------------|---|---|-----------|-----------|-----|-----|-----|-----|-----------|-----------|-----|
| 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 |
| Total General | | | \$125,000 | \$229,000 | \$0 | \$0 | \$0 | \$0 | \$354,000 | \$354,000 | \$0 |
| Total Fire | | | \$125,000 | \$229,000 | \$0 | \$0 | \$0 | \$0 | \$354,000 | \$354,000 | \$0 |

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| Garage | | | | | | | | | | |
| Garage | | | | | | | | | | |
| 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 | \$0 |
| Total Garage | | | \$2,646,926 | \$1,872,065 | \$1,448,700 | \$1,217,800 | \$1,222,500 | \$1,006,476 | \$9,414,467 | \$0 |
| Total Garage | | | \$2,646,926 | \$1,872,065 | \$1,448,700 | \$1,217,800 | \$1,222,500 | \$1,006,476 | \$9,414,467 | \$0 |

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General Government

| | | | | | | | | | | |
|---------------------------------|--|---|------------------|------------------|-----------------|-----------------|-----------------|------------|------------------|-----------------|
| General | | | | | | | | | | |
| + 1024-17-CIP | Replace/Upgrade AudioVisual Equipment at Gov Ctr | M | \$69,700 | \$0 | \$0 | \$0 | \$0 | \$0 | \$69,700 | \$69,700 |
| 784-17-CIP | Annual City Computers | V | \$30,000 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | \$0 | \$150,000 | \$150,000 |
| 4-17-CIP | City Document Management System | V | \$0 | \$54,000 | \$25,000 | \$25,000 | \$25,000 | \$0 | \$129,000 | \$129,000 |
| 950-17-CIP | New Voting Technology | V | \$0 | \$50,000 | \$0 | \$0 | \$0 | \$0 | \$50,000 | \$50,000 |
| 925-17-CIP | Purchase new Accounting Software | V | \$130,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$130,000 | \$130,000 |
| Total General | | | \$229,700 | \$134,000 | \$55,000 | \$55,000 | \$55,000 | \$0 | \$528,700 | \$69,700 |
| Total General Government | | | \$229,700 | \$134,000 | \$55,000 | \$55,000 | \$55,000 | \$0 | \$528,700 | \$69,700 |

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| Light and Power | | | | | | | | | | |
| Light and Power | | | | | | | | | | |
| 1004-17-CIP | CRITICAL AND LARGE CUSTOMERS (NEW) | \$270,000 | \$410,000 | \$925,000 | \$925,000 | \$0 | \$0 | \$2,530,000 | \$2,530,000 | \$0 |
| 809-17-CIP | DISTRIBUTION CIRCUIT REBUILD | \$350,000 | \$839,000 | \$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 |
| 818-17-CIP | HIGH PRESSURE SODIUM TO LED SYSTEM REPLACEMENTS | \$331,591 | \$331,591 | \$331,591 | \$331,591 | \$331,591 | \$331,591 | \$1,989,546 | \$1,989,546 | \$0 |
| 808-17-CIP | LINE IMPROVEMENTS, EXTENSIONS AND NEW SERVICES | \$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 |
| 824-17-CIP | HASTINGS SERVICE CENTER FACILITY IMPROVEMENTS (NEW) | \$150,000 | \$100,000 | \$0 | \$0 | \$0 | \$0 | \$250,000 | \$250,000 | \$0 |
| 825-17-CIP | AUTOMATED METERING INFRASTRUCTURE (AMI) | \$1,900,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,900,000 | \$1,900,000 | \$0 |
| 1010-17-CIP | CASS & LAKE STREET STREETSCAPES LIGHTING (NEW) | \$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 |
| 1006-17-CIP | FINANCIAL SOFTWARE (NEW) | \$25,000 | \$75,000 | \$0 | \$0 | \$0 | \$0 | \$100,000 | \$100,000 | \$0 |
| 1007-17-CIP | PARK STREET STREETSCAPES LIGHTING | \$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 |
| 1011-17-CIP | WEST FRONT STREETSCAPES LIGHTING (NEW) | \$1 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1 | \$1 | \$0 |
| 1003-17-CIP | SUBSTATION CIRCUIT EXITS (NEW) | \$415,000 | \$145,000 | \$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 |
| 819-17-CIP | SUBSTATION TRANSFORMER UPGRADES | \$750,000 | \$1,500,000 | \$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 |
| Total Light and Power | | \$5,641,592 | \$5,625,593 | \$5,766,591 | \$6,221,591 | \$5,193,591 | \$4,811,591 | \$33,260,549 | \$33,260,549 | \$0 |
| Total Light and Power | | \$5,641,592 | \$5,625,593 | \$5,766,591 | \$6,221,591 | \$5,193,591 | \$4,811,591 | \$33,260,549 | \$33,260,549 | \$0 |

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| Parking | | | | | | | | | | |
| Tax Increment Financing | | | | | | | | | | |
| + 645-17-CIP | West Front St Redevelopment (BOND) | V | \$492,500 | \$935,000 | \$935,000 | \$935,000 | \$935,000 | \$935,000 | \$5,167,500 | \$300,000 |
| Total Tax Increment Financing | | | \$492,500 | \$935,000 | \$935,000 | \$935,000 | \$935,000 | \$935,000 | \$5,167,500 | \$300,000 |
| Traverse City Parking System | | | | | | | | | | |
| 984-17-CIP | Camera System Expansion | V | \$50,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$50,000 | \$0 |
| 545-17-CIP | Lot B Rehab | V | \$135,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$135,000 | \$0 |
| 979-17-CIP | Lot C Resurfacing | V | \$0 | \$0 | \$0 | \$50,000 | \$0 | \$0 | \$50,000 | \$0 |
| 980-17-CIP | Lot J Resurfacing | V | \$0 | \$0 | \$0 | \$50,000 | \$0 | \$0 | \$50,000 | \$0 |
| 708-17-CIP | Lot O Remediation | V | \$0 | \$0 | \$0 | \$0 | \$430,000 | \$0 | \$430,000 | \$0 |
| 729-17-CIP | Lot P Reconstruction | V | \$30,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$30,000 | \$0 |
| 982-17-CIP | Lot T Resurfacing | V | \$100,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$100,000 | \$0 |
| Total Traverse City Parking System | | | \$315,000 | \$0 | \$0 | \$100,000 | \$430,000 | \$0 | \$845,000 | \$0 |
| Total Parking | | | \$807,500 | \$935,000 | \$935,000 | \$1,035,000 | \$1,365,000 | \$935,000 | \$6,012,500 | \$300,000 |

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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 | Open Space -Bayfront Plan | 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 |
| Total Bayfront Plan NON-TIF Implementation | | | \$50,000 | \$0 | \$0 | \$0 | \$0 | \$14,723,801 | \$14,773,801 | \$0 | \$14,773,801 |
| 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 |
| Total Brown Bridge Trust Parks Improvement | | | \$2,080,500 | \$2,082,500 | \$0 | \$0 | \$0 | \$0 | \$4,163,000 | \$1,649,000 | \$2,514,000 |

General

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 | | | | | | | | | | | |
| General | | | | | | | | | | | |
| + 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 |
| 940-17-CIP | Clinch Park Maintenance | 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 |
| Total General | | | \$150,000 | \$655,000 | \$200,000 | \$350,000 | \$265,000 | \$125,000 | \$1,745,000 | \$1,132,500 | \$612,500 |
| Total Parks | | | \$2,280,500 | \$2,737,500 | \$200,000 | \$350,000 | \$265,000 | \$14,848,801 | \$20,681,801 | \$2,781,500 | \$17,900,301 |

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 | |
| 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 | Annual Street Reconstruction Program | V | \$1,010,000 | \$1,660,000 | \$1,660,000 | \$1,660,000 | \$900,000 | \$900,000 | \$7,790,000 | \$7,790,000 | \$0 |
| + 864-17-CIP | Boardman Lake Street (8th to 14th Street) and Wye | V | \$0 | \$0 | \$0 | \$0 | \$3,650,000 | \$0 | \$3,650,000 | \$650,000 | \$3,000,000 |
| 320-17-CIP | Division Street | V | \$0 | \$100,000 | \$100,000 | \$100,000 | \$0 | \$0 | \$300,000 | \$300,000 | \$0 |
| + 1022-17-CIP | Eighth Street Alley (Wellington to Franklin) | M | \$275,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$275,000 | \$275,000 | \$0 |
| + 882-17-CIP | Eighth Street- Lake Ave. to Woodmere | 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 |
| + 881-17-CIP | West Front Street, Elmwood to Division Street | V | \$511,250 | \$0 | \$0 | \$0 | \$0 | \$0 | \$511,250 | \$125,000 | \$386,250 |
| Total General | | | \$1,946,250 | \$6,200,595 | \$5,107,500 | \$6,602,500 | \$4,832,500 | \$1,160,000 | \$25,849,345 | \$21,240,000 | \$4,609,345 |
| Hardy Deck Balance | | | | | | | | | | | |
| Total Hardy Deck Balance | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 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 | Cass & Lake: Streetscape Improvements | V | \$545,500 | \$0 | \$0 | \$0 | \$0 | \$0 | \$545,500 | \$272,750 | \$272,750 |
| + 717-17-CIP | East Front Streetscapes (Boardman to Grndvw 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 |
| Total Tax Increment Financing | | | \$545,500 | \$0 | \$915,000 | \$669,060 | \$500,000 | \$0 | \$2,629,560 | \$1,956,810 | \$672,750 |
| Total Streets | | | \$2,491,750 | \$6,200,595 | \$6,022,500 | \$7,271,560 | \$5,332,500 | \$1,160,000 | \$28,478,905 | \$23,196,810 | \$5,282,095 |

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 |
| 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 |
| Total Bayfront Plan NON-TIF Implementation | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$130,000 | \$130,000 | \$0 |
| General | | | | | | | | | | |
| + 570-17-CIP | Boardman Lake Trail-West (14th to S. Airport) | V | \$360,000 | \$4,940,000 | \$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 | \$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 | \$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 | \$2,400,000 | \$0 | \$2,400,000 |
| 974-17-CIP | Murchie Bridge railings | V | \$70,000 | \$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 | \$500,000 | \$500,000 | \$250,000 | \$250,000 |
| Total General | | | \$5,030,000 | \$6,073,166 | \$1,133,166 | \$1,133,168 | \$1,057,200 | \$866,500 | \$15,293,200 | \$6,828,200 |
| Tax Increment Financing | | | | | | | | | | |
| 1025-17-CIP | Rivers Edge Riverwalk Decking Replacement | M | \$0 | \$0 | \$106,869 | \$0 | \$0 | \$106,869 | \$106,869 | \$0 |
| Total Tax Increment Financing | | | \$0 | \$0 | \$106,869 | \$0 | \$0 | \$106,869 | \$106,869 | \$0 |
| Total Walkways | | | \$5,030,000 | \$6,073,166 | \$1,240,035 | \$1,133,168 | \$1,057,200 | \$996,500 | \$15,530,069 | \$6,935,069 |

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 | |

Wastewater

Waste Water

| | | | | | | | | | | | |
|---------------------|--|---|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|----------|
| 366-17-CIP | Annual Sewer Rehab/Replace | V | \$450,000 | \$450,000 | \$450,000 | \$450,000 | \$450,000 | \$0 | \$2,250,000 | \$2,250,000 | \$0 |
| 13-17-CIP | Annual Storm Water Mngt Program | M | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$300,000 | \$300,000 | \$0 |
| 987-17-CIP | Automated Metering Infrastructure | V | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 | \$750,000 | \$0 |
| 293-17-CIP | Catch Basin & Manhole Casting Replacement | 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 |
| + 899-17-CIP | Front Street Lift Station & TCRWWTP PLC Upgrade | 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 |

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 | |
| Wastewater | | | | | | | | | | | |
| Waste Water | | | | | | | | | | | |
| + 948-17-CIP | Digester 3 and 4 Reconditioning | M | \$208,000 | \$208,000 | \$0 | \$0 | \$0 | \$0 | \$416,000 | \$208,000 | \$208,000 |
| + 966-17-CIP | Digester Condition Assessment | M | \$50,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$50,000 | \$25,000 | \$25,000 |
| + 971-17-CIP | Enclose Membrane Trains | C | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$500,000 | \$250,000 | \$250,000 |
| + 1019-17-CIP | Engineering study pertaining to the Facility Plan | M | \$200,000 | \$0 | \$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 | \$0 | \$95,400 | \$47,700 | \$47,700 |
| + 786-17-CIP | Membrane Gate Replacement | M | \$51,742 | \$59,982 | \$0 | \$0 | \$0 | \$0 | \$111,724 | \$55,862 | \$55,862 |
| + 970-17-CIP | Plant PLC Upgrade | M | \$0 | \$0 | \$0 | \$0 | \$243,024 | \$0 | \$243,024 | \$121,512 | \$121,512 |
| + 890-17-CIP | Plant-Membrane Replacement | 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 | \$0 | \$1,000,000 | \$500,000 | \$500,000 |
| + 904-17-CIP | Primary Clarifier Supports and Structure | M | \$0 | \$0 | \$0 | \$363,654 | \$0 | \$0 | \$363,654 | \$181,827 | \$181,827 |
| + 902-17-CIP | Primary Header Replacement | M | \$0 | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$250,000 | \$250,000 |
| + 912-17-CIP | Reconditioning Digesters 1 and 2 | M | \$0 | \$0 | \$0 | \$0 | \$0 | \$80,000 | \$80,000 | \$40,000 | \$40,000 |
| + 795-17-CIP | SCADA Upgrade | V | \$0 | \$0 | \$95,000 | \$0 | \$0 | \$0 | \$95,000 | \$47,500 | \$47,500 |
| + 893-17-CIP | Screw Pump Replacement | M | \$0 | \$500,000 | \$500,000 | \$0 | \$0 | \$0 | \$1,000,000 | \$500,000 | \$500,000 |
| + 1018-17-CIP | UV System and Structure Modification Project | C | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$250,000 | \$250,000 |
| + 894-17-CIP | West Biosolids Storage Tank Pump Upgrade | M | \$122,512 | \$0 | \$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 | \$0 | \$60,000 | \$60,000 | \$0 |
| Total Waste Water | | | \$3,424,893 | \$2,783,382 | \$1,955,000 | \$2,980,654 | \$1,421,024 | \$1,777,865 | \$14,342,818 | \$9,477,528 | \$4,865,290 |
| Total Wastewater | | | \$3,424,893 | \$2,783,382 | \$1,955,000 | \$2,980,654 | \$1,421,024 | \$1,777,865 | \$14,342,818 | \$9,477,528 | \$4,865,290 |

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

Six Year Capital Improvement Plan
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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 |
| GRAND TOTAL: | | \$29,337,861 | \$45,517,301 | \$20,477,826 | \$22,714,773 | \$26,090,815 | \$28,452,233 | \$172,590,809 | \$113,700,923 | \$58,889,886 |