

**CITY OF HOUGHTON**  
**CAPITAL IMPROVEMENT PROGRAM**  
**2022-2028**



**Eric T. Waara, P.E.**  
**City Manager**

The City of Houghton Capital Improvement Plan (CIP) is a collaborative effort between administration, committees, and planning commission identifying large-scale public expenditures for the next six years. Many of the projects included in this plan were identified during the public input stage of the master plan and recreation plan.

The CIP is divided into four sections:

1. Parks and Recreation
2. Infrastructure
  - a. Water and Sewer
  - b. Parking Decks and Lots
  - c. Streets
  - d. Sidewalks/Bike Paths
  - e. Street Lighting
3. Buildings
4. Equipment Purchases

The requirement for capital budgeting and creation of a Capital Improvement Plan (CIP) for the following six fiscal years is found in the Michigan Planning Enabling Act (Public Act 33 of 2008, as amended). A CIP is a multi-year planning instrument used to identify needs and financing sources for public infrastructure improvements. The purpose of a CIP is to facilitate the orderly planning of infrastructure improvements; to maintain, preserve, and protect the City of Houghton's existing infrastructure system; and to provide for the acquisition or scheduled replacement of equipment to ensure the efficient delivery of services to the community. The CIP is also utilized to ensure that capital improvements are fiscally sound and consistent with the goals and policies of the governing body and the residents of the community.

As used in the City of Houghton Capital Improvement Program, a capital improvement project is defined as a major, nonrecurring expenditure that includes one or more of the following:

1. Any construction of a new facility (i.e. a public building, water/sanitary sewer mains, storm sewers, major/local roadways, recreational facilities), an addition to, or extension of such a facility, provided the cost is \$10,000 or more and the improvement will have a useful life of three years or more.
2. Any nonrecurring rehabilitation of all or a part of a building, its grounds, a facility, or equipment provided the cost is \$10,000 or more and the improvement will have a useful life of three years or more.
3. Any purchase or replacement of major equipment to support community programs provided the cost is \$10,000 or more and will be coded to a capital asset account.
4. Any acquisition of land for a public purpose that is not part of an individual capital improvements project or a program that is implemented through individual capital improvements projects provided the cost is \$25,000 or more.

**Houghton**  
**Capital Projects Report by Fund**

<b>Title</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>
<b>101 - General Fund</b>							
Kestner Park - Fix Erosion Issue	0	0	0	0	30,000	0	0
Bridge St Basketball Court Improvements	0	0	75,000	0	0	0	0
Bridge View Park - Install finger piers	0	0	200,000	0	0	0	0
Bridge View Park Major Boardwalk Maintenance	0	0	0	0	350,000	0	0
Bridge View Park- Storm Sewer & Pavers	0	0	50,000	0	0	0	0
City Center - Relocation of Office	0	0	0	0	0	4,500,000	0
City Center Exterior	0	0	100,000	0	0	0	0
Citywide Tree Planting	0	20,000	0	0	0	0	0
Citywide Tree Planting	0	0	0	20,000	0	0	0
Citywide Tree Planting	0	0	0	0	0	20,000	0
Community Composting	0	0	0	0	10,000	0	0
Community Composting	0	0	0	0	0	10,000	0
Community Hazardous Waste Recycling	0	0	0	0	25,000	0	0
Community Hazardous Waste Recycling	0	0	0	0	0	25,000	0
Connect Bike Paths to Huron Creek	0	0	0	0	0	0	1,000,000
Construct transient docking with utilities	0	0	0	0	0	50,000	0
Construct transient docking with utilities	0	0	0	0	0	0	50,000
Construct Sidewalk Second Street to Jacker	0	0	0	0	0	0	100,000
Dee Stadium - Install elevator	0	0	200,000	0	0	0	0
Dee Stadium - Install elevator	0	0	0	200,000	0	0	0
Dee Stadium - Locker Room Expansion	0	0	0	0	0	150,000	0
Dee Stadium - Reconfigure seating/stairs	0	0	0	0	0	0	150,000
Dee Stadium - Remodel entrance and lobby	0	0	150,000	0	0	0	0
Dog Park	15,000	0	0	0	0	0	0
Garnet Street Park- sidewalk and accessibility	0	0	50,000	0	0	0	0
Garnet Street Tennis Court Enhancements	0	30,000	0	0	0	0	0
Install Sidewalk Agate and Garnet Streets	0	200,000	0	0	0	0	0
Kestner Park - Add a splash park	0	0	100,000	0	0	0	0
Kestner Park - Culvert Replacement	330,000	0	0	0	0	0	0
Kestner Park Concession Bldg Improvements	0	0	0	0	25,000	0	0
Kestner Park- Chutes & Ladders Accessibility	0	125,000	0	0	0	0	0
Mott's Park -Usability & Accessibility	0	0	0	20,000	0	0	0
Nara Nature Park - Connect to Waterfront Trail	0	0	0	0	0	0	1,500,000
Nara Nature Park - Lighting on Trails	0	15,000	0	0	0	0	0
Nara Nature Park Bridge over Pilgrim River	0	0	0	0	0	1,200,000	0
Nara Nature Park- Bridge over Peepsock Creek	0	0	0	75,000	0	0	0
Public Recycling Receptacles	0	0	0	10,000	0	0	0
RV Park - Provide Connection to Trailhead	0	25,000	0	0	0	0	0
RV Park - Provide Connection to Trailhead	0	0	0	0	80,000	0	0
RV Park - Provide Connection to Trailhead	0	0	0	0	0	80,000	0
Sidewalk East MacInnes Drive (St. Albert to SDC)	0	0	0	0	0	0	20,000
Sidewalks Dodge St, Fourth St, & Jacker Ave	0	0	0	0	0	100,000	0
Sidewalks Dodge St, Fourth St, & Jacker Ave	0	0	0	0	0	0	100,000

Title	2022	2023	2024	2025	2026	2027	2028
Skatepark - Add Lighting and Tot Lot	0	0	0	25,000	0	0	0
Skatepark - Add Lighting and Tot Lot	0	0	0	0	25,000	0	0
Skatepark - Add Lighting and Tot Lot	0	0	0	0	0	25,000	0
Skatepark - Construct next phases	0	0	0	150,000	0	0	0
Street Lights - Replace Portion College Ave	30,000	0	0	0	0	0	0
Veterans Park - replace trees	0	0	0	25,000	0	0	0
W Houghton Park Fencing, Lighting, Signage	0	32,000	0	0	0	0	0
W Houghton Park- Rink Improvements	0	10,000	0	0	0	0	0
Waterfront Trail - Connectivity to Campus	0	0	0	0	0	100,000	0
Waterfront Trail - Lighting & Exercise Stations	0	20,000	0	0	0	0	0
Waterfront Trail - Lighting & Exercise Stations	0	0	20,000	0	0	0	0
Waterfront Trail - Lighting & Exercise Stations	0	0	0	20,000	0	0	0
Waterfront Trail - Lighting & Exercise Stations	0	0	0	0	20,000	0	0
Waterfront Trail - Lighting & Exercise Stations	0	0	0	0	0	20,000	0
Waterfront Trail - Lighting & Exercise Stations	0	0	0	0	0	0	20,000
Waterfront Trail - Long-Term Shore Stabilization	0	10,000	0	0	0	0	0
Waterfront Trail - Long-Term Shore Stabilization	0	0	10,000	0	0	0	0
Waterfront Trail - Long-Term Shore Stabilization	0	0	0	10,000	0	0	0
Waterfront Trail - Long-Term Shore Stabilization	0	0	0	0	10,000	0	0
Waterfront Trail - Long-Term Shore Stabilization	0	0	0	0	0	0	10,000
Waterfront Trail Repaving	50,000	0	0	0	0	0	0
Waterfront Trail Repaving	0	50,000	0	0	0	0	0
Waterfront Trail- Relocate Snowmobile Trail	0	0	0	0	0	0	250,000
West Houghton Park - Roof over Ice Rink	0	0	0	0	0	200,000	0
Woodhaven Park - Outdoor Ice Rink	0	0	0	0	0	0	30,000
<b>Subtotal</b>	<b>425,000</b>	<b>537,000</b>	<b>955,000</b>	<b>555,000</b>	<b>575,000</b>	<b>6,480,000</b>	<b>3,230,000</b>
<b>202 - Major Street</b>							
Bike/Pedestrian Improvements Houghton Ave	0	0	0	0	0	50,000	0
Bike/Pedestrian Improvements Seventh Ave	0	0	0	0	0	0	100,000
Street Signs	3,000	0	0	0	0	0	0
Street Signs	0	3,000	0	0	0	0	0
Street Signs	0	0	3,000	0	0	0	0
Street Signs	0	0	0	3,000	0	0	0
Street Signs	0	0	0	0	3,000	0	0
Street Signs	0	0	0	0	0	3,000	0
Streets - Annual Sealing	0	10,000	0	0	0	0	0
Streets - Annual Sealing	0	0	10,000	0	0	0	0
Streets - Annual Sealing	0	0	0	10,000	0	0	0
Streets - Annual Sealing	0	0	0	0	10,000	0	0
Streets - Annual Sealing	0	0	0	0	0	10,000	0
Streets - Annual Sealing	0	0	0	0	0	0	10,000
Streets - College Avenue Reconstruction	3,000,000	0	0	0	0	0	0
Streets - Evergreen Street Extension	0	600,000	0	0	0	0	0
Streets - Houghton Avenue Small Urban	280,000	0	0	0	0	0	0
Streets - Major Street Paving	210,000	0	0	0	0	0	0
Streets - Major Street Paving	0	0	0	250,000	0	0	0
Streets - Major Street Paving	0	0	0	0	0	0	250,000

Title	2022	2023	2024	2025	2026	2027	2028
Streets - Streets Cedar Street Extension	0	0	0	0	1,300,000	0	0
West Lakeshore Dr. Reconstruction	0	400,000	0	0	0	0	0
<b>Subtotal</b>	<b>3,493,000</b>	<b>1,013,000</b>	<b>13,000</b>	<b>263,000</b>	<b>1,313,000</b>	<b>63,000</b>	<b>360,000</b>
<b>203 - Local Street</b>							
Erect Bike Signage Per Plan	0	0	0	0	20,000	0	0
Streets - Local Street Paving	130,000	0	0	0	0	0	0
Streets - Local Street Paving	0	100,000	0	0	0	0	0
Streets - Local Street Paving	0	0	500,000	0	0	0	0
Streets - Local Street Paving	0	0	0	100,000	0	0	0
Streets - Local Street Paving	0	0	0	0	100,000	0	0
Streets - Local Street Paving	0	0	0	0	0	100,000	0
Streets - Local Street Paving	0	0	0	0	0	0	100,000
<b>Subtotal</b>	<b>130,000</b>	<b>100,000</b>	<b>500,000</b>	<b>100,000</b>	<b>120,000</b>	<b>100,000</b>	<b>100,000</b>
<b>247 - TIFA</b>							
Bike/Pedestrian- Improve Sharon Ave Bike Lane	0	35,000	0	0	0	0	0
Bike/Pedestrian- Sidewalk Razorback Dr to M-26	0	0	70,000	0	0	0	0
Fire Hall	0	10,000	0	0	0	0	0
Fire Hall	0	0	10,000	0	0	0	0
Fire Hall	0	0	0	10,000	0	0	0
Fire Hall	0	0	0	0	10,000	0	0
Fire Hall	0	0	0	0	0	15,000	0
Fire Hall	0	0	0	0	0	0	10,000
Install Pedestrian Safety Islands Sharon Ave	0	200,000	0	0	0	0	0
M-26 Beautification	50,000	0	0	0	0	0	0
M-26 Beautification	0	50,000	0	0	0	0	0
Portage & Sharon sidewalk	0	15,000	0	0	0	0	0
Public Works Garage	0	15,000	0	0	0	0	0
Public Works Garage	0	0	15,000	0	0	0	0
Public Works Garage	0	0	0	15,000	0	0	0
Public Works Garage	0	0	0	0	15,000	0	0
Public Works Garage	0	0	0	0	0	15,000	0
Public Works Garage	0	0	0	0	0	0	15,000
Sand Storage Building	0	0	0	0	0	300,000	0
Street Lights - Install in TIFA Subdivisions	20,000	0	0	0	0	0	0
Street Lights - Install in TIFA Subdivisions	0	20,000	0	0	0	0	0
Streets - Bresnan and Red Oak Subdivisions	20,000	0	0	0	0	0	0
Streets - Bresnan and Red Oak Subdivisions	0	20,000	0	0	0	0	0
Streets - Paving Project	100,000	0	0	0	0	0	0
Streets - Paving Project	0	0	100,000	0	0	0	0
Streets - Paving Project	0	0	0	0	150,000	0	0
Streets - Paving Project	0	0	0	0	0	0	200,000
W/S - West Sugar Maple	0	0	75,000	0	0	0	0
<b>Subtotal</b>	<b>190,000</b>	<b>365,000</b>	<b>270,000</b>	<b>25,000</b>	<b>175,000</b>	<b>330,000</b>	<b>225,000</b>
<b>248 - DDA</b>							
Carnegie Museum	0	20,000	0	0	0	0	0
Carnegie Museum	0	0	20,000	0	0	0	0
Downtown Business Recycling	0	25,000	0	0	0	0	0

Title	2022	2023	2024	2025	2026	2027	2028
Downtown Business Recycling	0	0	50,000	0	0	0	0
Downtown Gathering Spaces, Restrooms, Mobility	0	0	500,000	0	0	0	0
Replace Mine Rock with Landscape & Vegetation	0	45,000	0	0	0	0	0
Replace Mine Rock with Landscape & Vegetation	0	0	45,000	0	0	0	0
Replace Mine Rock with Landscape & Vegetation	0	0	0	40,000	0	0	0
Replace Mine Rock with Landscape & Vegetation	0	0	0	0	40,000	0	0
Replace Mine Rock with Landscape & Vegetation	0	0	0	0	0	40,000	0
Replace Mine Rock with Landscape & Vegetation	0	0	0	0	0	0	15,000
Streets - Montezuma Avenue Reconstruction	0	0	0	0	0	0	4,000,000
Tree Planting along Shelden Avenue	20,000	0	0	0	0	0	0
Tree Planting along Shelden Avenue	0	20,000	0	0	0	0	0
Tree Planting along Shelden Avenue	0	0	20,000	0	0	0	0
<b>Subtotal</b>	<b>20,000</b>	<b>110,000</b>	<b>635,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>4,015,000</b>
<b>401 - Public Improvement</b>							
EV Charging Stations	35,000	0	0	0	0	0	0
Parking - Demolition of 1978 Parking Deck	0	1,000,000	0	0	0	0	0
<b>Subtotal</b>	<b>35,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>516 - Parking</b>							
Parking - Mattila Square Lot	0	250,000	0	0	0	0	0
Parking - Quincy Deck Parapet/Stairs	10,000	0	0	0	0	0	0
Parking - Quincy Deck Parapet/Stairs	0	0	0	0	0	0	10,000
Parking - Signage	0	10,000	0	0	0	0	0
Parking - Stair Towers on Decks	0	10,000	0	0	0	0	0
Parking - Stair Towers on Decks	0	0	10,000	0	0	0	0
Parking - Stair Towers on Decks	0	0	0	10,000	0	0	0
Parking - Subway Garage Roof, Exterior, Rehab	0	150,000	0	0	0	0	0
Parking - Subway Garage Roof, Exterior, Rehab	0	0	500,000	0	0	0	0
Parking - Subway Garage Roof, Exterior, Rehab	0	0	0	250,000	0	0	0
Parking - Vault Deck	0	10,000	0	0	0	0	0
Parking - Vault Deck	0	0	10,000	0	0	0	0
Parking Deck South of Shelden Avenue	0	0	0	0	6,000,000	0	0
Parking Lot Expansion on Quincy Street Deck	0	50,000	0	0	0	0	0
<b>Subtotal</b>	<b>10,000</b>	<b>480,000</b>	<b>520,000</b>	<b>260,000</b>	<b>6,000,000</b>	<b>0</b>	<b>10,000</b>
<b>588 - Transportation</b>							
Transit - New Mechanic Garage	0	0	0	0	0	0	750,000
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750,000</b>
<b>590 - Sewer</b>							
Sewer - Divert Outside Storm Water Sources	0	0	0	1,000,000	0	0	0
Sewer - Repair at M26/Lakeshore Drive	0	100,000	0	0	0	0	0
Sewer - Replace Aging Catch Basins	0	10,000	0	0	0	0	0
Sewer - Replace Aging Catch Basins	0	0	10,000	0	0	0	0
Sewer - Replace Aging Catch Basins	0	0	0	10,000	0	0	0
Sewer - Replace Aging Catch Basins	0	0	0	0	10,000	0	0
Sewer - Replace Aging Catch Basins	0	0	0	0	0	10,000	0
Sewer - Replace Aging Catch Basins	0	0	0	0	0	0	15,000
Sewer - Replace Aging Sewer Lines	0	12,000	0	0	0	0	0
Sewer - Replace Aging Sewer Lines	0	0	12,000	0	0	0	0

Title	2022	2023	2024	2025	2026	2027	2028
Sewer - Replace Aging Sewer Lines	0	0	0	12,000	0	0	0
Sewer - Replace Aging Sewer Lines	0	0	0	0	12,000	0	0
Sewer - Replace Aging Sewer Lines	0	0	0	0	0	12,000	0
Sewer - Replace Aging Sewer Lines	0	0	0	0	0	0	20,000
Sewer - Storm Military Road/Dodge Street	0	0	500,000	0	0	0	0
Sewer - Storm Military Road/Dodge Street	0	0	0	500,000	0	0	0
Sewer - Storm Sewer Outlet Rehab	25,000	0	0	0	0	0	0
Sewer - Storm Sewer Outlet Rehab	0	25,000	0	0	0	0	0
Sewer - Storm Sewer Outlet Rehab	0	0	50,000	0	0	0	0
Sewer - Storm Sewer Outlet Rehab	0	0	0	50,000	0	0	0
Sewer - Storm Sewer Outlet Rehab	0	0	0	0	50,000	0	0
Sewer - Storm Sewer Outlet Rehab	0	0	0	0	0	50,000	0
Sewer- Open Huron Creek at Portage	0	0	500,000	0	0	0	0
W/S Phase III	0	650,000	0	0	0	0	0
<b>Subtotal</b>	<b>25,000</b>	<b>797,000</b>	<b>1,072,000</b>	<b>1,572,000</b>	<b>72,000</b>	<b>72,000</b>	<b>35,000</b>
<b>591 - Water</b>							
W/S - Replace Infrastructure on Baraga Avenue, Prospect Street, Portage Street, Pearl Street, 5th Avenue, 7th Avenue, 8th Avenue, 12th Avenue	300,000	0	0	0	0	0	0
W/S - Replace Infrastructure on Baraga Avenue, Prospect Street, Portage Street, Pearl Street, 5th Avenue, 7th Avenue, 8th Avenue, 12th Avenue	0	300,000	0	0	0	0	0
W/S - Replace Infrastructure on Baraga Avenue, Prospect Street, Portage Street, Pearl Street, 5th Avenue, 7th Avenue, 8th Avenue, 12th Avenue	0	0	300,000	0	0	0	0
W/S - Replace Infrastructure on Baraga Avenue, Prospect Street, Portage Street, Pearl Street, 5th Avenue, 7th Avenue, 8th Avenue, 12th Avenue	0	0	0	300,000	0	0	0
W/S - Replace Infrastructure on Baraga Avenue, Prospect Street, Portage Street, Pearl Street, 5th Avenue, 7th Avenue, 8th Avenue, 12th Avenue	0	0	0	0	300,000	0	0
W/S - Replace Infrastructure on Baraga Avenue, Prospect Street, Portage Street, Pearl Street, 5th Avenue, 7th Avenue, 8th Avenue, 12th Avenue	0	0	0	0	0	300,000	0
W/S Phase III	0	650,000	0	0	0	0	0
W/S Portage Twp, Daniel Heights Meters	20,000	0	0	0	0	0	0
Water - Add Fire Hydrants where needed	0	15,000	0	0	0	0	0
Water - Add Fire Hydrants where needed	0	0	15,000	0	0	0	0
Water - Add Fire Hydrants where needed	0	0	0	15,000	0	0	0
Water - Add Fire Hydrants where needed	0	0	0	0	15,000	0	0
Water - Add Fire Hydrants where needed	0	0	0	0	0	15,000	0
Water - Add Fire Hydrants where needed	0	0	0	0	0	0	15,000
Water - Complete Loop Connections	0	250,000	0	0	0	0	0
Water - Complete Loop Connections	0	0	0	0	500,000	0	0
Water - East Houghton Avenue	150,000	0	0	0	0	0	0
Water - Elevated Tower & Booster Site	0	30,000	0	0	0	0	0
Water - MTU Tank and Pump House	15,000	0	0	0	0	0	0
Water - MTU Tank and Pump House	0	10,000	0	0	0	0	0
Water - Replace Aging Water Service Lines	0	12,000	0	0	0	0	0
Water - Replace Aging Water Service Lines	0	0	12,000	0	0	0	0

Title	2022	2023	2024	2025	2026	2027	2028
Water - Replace Aging Water Service Lines	0	0	0	12,000	0	0	0
Water - Replace Aging Water Service Lines	0	0	0	0	12,000	0	0
Water - Replace Aging Water Service Lines	0	0	0	0	0	12,000	0
Water - Replace Aging Water Service Lines	0	0	0	0	0	0	20,000
Water - Shopko Booster Site	5,000	0	0	0	0	0	0
Water - Vent on Elevated Tank per EGLE	10,000	0	0	0	0	0	0
<b>Subtotal</b>	<b>500,000</b>	<b>1,267,000</b>	<b>327,000</b>	<b>327,000</b>	<b>827,000</b>	<b>327,000</b>	<b>35,000</b>
<b>661 - Equipment</b>							
Asphalt Roller	30,000	0	0	0	0	0	0
Dirt Roller	20,000	0	0	0	0	0	0
Dump Truck	0	0	0	100,000	0	0	0
Dump Truck	0	0	0	0	0	0	100,000
Dump Truck Box	35,000	0	0	0	0	0	0
Dump Truck Box	0	35,000	0	0	0	0	0
Dump Truck Box	0	0	0	35,000	0	0	0
Excavator (Mid Size)	0	160,000	0	0	0	0	0
Fire Truck	0	0	0	0	0	400,000	0
Hot Mix Recycle Machine	50,000	0	0	0	0	0	0
Loader/Grader	0	0	210,000	0	0	0	0
Loader/Grader	0	0	0	0	200,000	0	0
Paver	0	70,000	0	0	0	0	0
Pick-up	60,000	0	0	0	0	0	0
Pick-up	0	0	0	0	0	0	60,000
Plow/wing	0	0	0	26,000	0	0	0
Police Car	45,000	0	0	0	0	0	0
Police Car	0	45,000	0	0	0	0	0
Police Car	0	0	45,000	0	0	0	0
Police Car	0	0	0	45,000	0	0	0
Police Car	0	0	0	0	45,000	0	0
Police Car	0	0	0	0	0	45,000	0
Sander	0	0	0	100,000	0	0	0
Sno-go	0	0	0	0	130,000	0	0
Trackless	0	0	50,000	0	0	0	0
<b>Subtotal</b>	<b>240,000</b>	<b>310,000</b>	<b>305,000</b>	<b>306,000</b>	<b>375,000</b>	<b>445,000</b>	<b>160,000</b>
<b>Grand Total</b>	<b>\$5,068,000</b>	<b>\$5,979,000</b>	<b>\$4,597,000</b>	<b>\$3,448,000</b>	<b>\$9,497,000</b>	<b>\$7,857,000</b>	<b>\$8,920,000</b>