

**ESCANABA PLANNING COMMISSION RECOMMENDED
CAPITAL IMPROVEMENT PLAN
FISCAL YEAR 2016-2021**

Final: May 19, 2016

What is the Capital Improvement Program?

The City's Capital Improvement Program (CIP) is a multi-year planning instrument that drives the evaluation in identification of capital infrastructure projects in need of renovation, repair and/or construction. Capital projects range from road maintenance, road construction, renovation of municipal facilities, water-main and sewage system repair. The CIP relates these capital project needs to the financial sources that will support the realization and the timeframe in which both the financing and work will take place. The CIP is designed to report, to City Council, the public, City Staff, and other interested parties, the capital management and planning strategies of the City. To guide the City in making necessary physical public improvements, Chapter 21 Planning of the Code of Ordinances and the Michigan Planning Enabling Act, P.A. 33 of 2008, as amended, requires the Planning Commission to annually prepare a recommended Capital Improvement Program (CIP). A capital improvement is any improvement and direct engineering cost which involves the construction, purchase, or renovation and/or replacement of a public way, space, building, structure, or utility.

In considering the many benefits of capital improvement programming, it is important to highlight the fact that this document should be considered fluid and referenced as a guide for future growth and development. Most importantly, the proposed list of capital projects must reflect the overall goals and vision of the adopted Community Master Plan.

Elements of a good Capital Improvement Plan.

1. A good plan provides a means for coordinating and consolidating various departmental requests, thereby preventing duplication of projects and equipment.
2. A good plan establishes a system of examining and prioritizing the needs of the City, assuring that the most essential improvements are provided first.
3. A good plan provides an important implementation device for growth management.
4. A good plan coordinates physical planning with financial planning, allowing maximum benefit from available public funds.
5. A good plan allows sufficient time for investigation of project financing and implementation measures and proper technical design.
6. A good plan coordinates an equitable distribution of public improvements throughout the City.

PLANNING COMMISSION CAPITAL IMPROVEMENT PLAN EVALUATION STANDARDS.

When reviewing the proposed projects the planning commission should, at a minimum, consider the following issues:

- * The project must be in conformance with the Master Plan, development policies of the city, and goals and objectives of the community.
- * The project must be necessary to correct a dangerous and/or blighting condition.
- * The project must be necessary to protect public health and/or safety.
- * The project must be necessary to implement a priority housing or economic development project or opportunity.
- * The project directly supports a priority City program.
- * The project fulfils a State or Federal mandate.
- * The project fulfils an approved, prior commitment of City funds.
- * Adequate project details and justification have been provided.
- * The project provides for the renewal and replacement of, and improvements to, existing public infrastructure and physical assets.
- * The project implements the Goals, Objectives, and Policies of other Plan Elements of the Master Plan.
- * The project is desirable in that it will enhance the desirability of the City of Escanaba as a place to live and invest.

**Planning Commission Recommended Approval with Revisions: March 10, 2016
City Council Reviewed: April 11, 2016
Included in Final Budget: May 19, 2016**

CITY MANAGER'S CAPITAL IMPROVEMENT OBJECTIVES:

- * Make Escanaba a safe, viable, and progressive City.
- * Increase transportation, recreation, and other public improvement opportunities for the citizens of Escanaba and visitors to Escanaba.
- * Strengthen Escanaba's economy by increasing the tax base of the community so new growth can occur and the existing tax base can expand.
- * Make City Government more responsive, accountable, and cost-effective.
- * Eliminate and/or correct public hazards and/or existing deficiencies within the City.

PRIORITY ASSESSMENT RATING SYSTEM:

1. MANDATORY/CRITICAL The project is operationally essential for the well-being and advancement of the community.
2. NECESSARY The project is a high priority for the advancement of the community.
3. DESIRED The project is not necessarily critical or necessary (but desired) in the community.
4. OPPORTUNITY The project cannot be funded under current economic conditions, but are desired provided a funding source becomes available.

SIGNIFICANT REVENUE SOURCES:

General Fund - The General Fund is the general operating fund of the City. It is used to account for all financial resources, except those required to be accounted for in another fund.

Major Street Fund - This fund accounts for revenues and expenditures in connection with the street system designated as major streets by the State of Michigan. This fund is required under state law.

Local Street Fund - This fund accounts for revenues and expenditures in connection with the street system designated as local streets by the State of Michigan. This fund is required under state law.

Brownfield Fund - This fund accounts for the revenues and expenditures in connection with developing and maintaining contaminated properties in the Brownfield zone (city-wide). The major source of revenue is tax assessed on the growth and development of properties within the plan.

Grants Fund - This fund accounts for revenues from various sources, including City matching shares, received under one-time grants. Expenditures are restricted to accomplishing the goals as defined in the individual grant offers.

Land Development Fund - This fund accounts for revenues and expenditures in connection with the development and sale of City-owned land. It was established to provide on-going financing for water, sewer, storm sewer and street development on City-owned properties.

Gas Retirement Fund - This fund accounts for funds received from the sale of the City's gas utility in June 1965 to Michigan Consolidated Gas Company. By a vote referendum on November 2, 1965, the City is prohibited from expending any principal resulting from the sale. Additionally, the interest earned from the investment of the principal must be spent on "capital improvements" only.

Electric Utility Fund - This fund is used to record the operations of an electrical system.

Water Utility Fund - This fund is used to record the operations of a water system.

Wastewater Utility Fund - This fund is used to record the operations of a wastewater system.

Marina Fund - This fund is used to record the operations of a marina.

Downtown Development Authority Fund - This fund is used to record the operations of the Downtown Development Authority.

FISCAL YEAR	PROPOSED ACTIVITY	FUND DESCRIPTION	OPINION OF COST	PRIORITY	REQUESTED BUDGETED AMOUNT (Proposed)	ACTUAL BUDGETED AMOUNT (Final)
CAPITAL IMPROVEMENT PLAN 2016-17						
2016-17	Proposed Street Improvement Projects City Wide					
	<p><u>1. General Resurfacing and Curb Repair City Wide – Major Streets</u> Description: The City has a responsibility to maintain, resurface and curb streets as they become deteriorated throughout the community. Routine resurfacing and curbing repairs as required. Street evaluation, prioritization, ranking and surface treatment type will be determined at a later date and a public hearing before the Planning Commission will be conducted prior to June 30, 2017.</p>	Major Street Fund	\$80,000	1	\$80,000	\$80,000
	<p><u>2. Ludington Street Resurfacing, Ramps and Curb Repair – 3rd Street to 9th Street</u> Description: The City of Escanaba received an MDOT Small Urban Grant for the resurfacing of Ludington Street from 3rd Street to 9th Street. The project area will be milled and repaved curb face to curb face on Ludington. Included in this project are new ADA compliant crosswalks in the project and a small amount of new curb.</p>	MDOT Small Urban Grant Major Street Fund	\$375,000 \$100,000	1	\$475,000	\$475,000
	<p><u>3. Ludington Street Driving Lane Resurfacing – 14th Street to Stephenson Avenue</u> Description: The project includes resurfacing Ludington Street from 14th to Stephenson. The project area will be milled and repaved curb face to curb face on Ludington. Included in this project are new ADA compliant crosswalks in the project.</p>	DDA	\$160,000	1	\$160,000	\$160,000
	<p><u>4. Ludington Street Driving Lane Resurfacing – 9th Street to 14th Street</u> Description: The project includes resurfacing Ludington Street from 14th to Stephenson. The project area will be milled and repaved on just the driving lanes on Ludington.</p>	Major Street	\$145,000	1	\$145,000	\$145,000
	<p><u>5. North 30th Street and 3rd Avenue North Intersection Center Turn Lane Installation</u> Description: This project includes widening of North 30th Street north of the 3rd Avenue North to accommodate a center turn lane. Also painting a center turn lane in between 3rd Avenue and Ludington Street.</p>	Major Street	\$70,000	1	\$70,000	\$70,000

2016-17	<p>6. Construct North 26th Street Connecting 3rd Avenue North With 6th Avenue North Description: The City continues to grow to the west and very developable commercial property needs to be opened up for future commercial developments and surrounding properties. Because the Wal-Mart Super Center is located in the general vicinity and will become a destination location, the North 26th Street expansion is needed so that additional property can be developed so that our economic base can be increased and traffic congestion can be diverted away from North Lincoln Road. This will also be a phase of construction to develop a grid of streets and utilities for future economic growth in the area.</p> <p>7. Chip Coat and Seal - South 22nd Street From 18th Avenue South to 494.81' South With Surface Chip Coat and Seal Description: 51% or more of the impacted property owners have requested through the special assessment process that South 22nd Street from 18th Avenue South to 494.81' south be paved with a surface chip coat and seal.</p> <p>8. Chip Coat and Seal – 20th Avenue South From Lake Shore Drive to 746.84' West With Surface Chip Coat and Seal Description: 51% or more of the impacted property owners have requested through the special assessment process that 20th Avenue South from Lake Shore Drive to 746.84' west be paved with surface chip coat and seal.</p>	Special Assessment/ Local Street Local Street Fund	\$1.1 M \$100,000	1	\$1.2 M	\$1.2M
2016-17	<p>Sidewalk Repair and Maintenance Program - City Wide Description: Routine repair and maintenance of existing sidewalk is needed City wide.</p>	General Fund	\$5,000	1	\$5,000	\$5,000
2016-17	<p>West Side Cross Country/Snow Shoeing/Hiking Recreational Trail Upgrades Description: Look to upgrade the non-motorized recreational trail system and improve the conditions of the trail where possible by either redirecting the trail to avoid the swamp where possible or adding to the trail. The addition of lighting where possible would provide the opportunity to use the trail more in the evening hours especially when the daylight season is shorter.</p>	Land Development Fund Private Donations Grants	\$5,000	2	\$5,000	\$5,000
2016-17	<p>Downtown Market Place Neighborhood Playground Description: As part of the Market Place project, a neighborhood playground will be installed on the rear parcel front South 15th Street.</p>	Grant Farmers Home Funds	\$46,000	2	\$46,000	\$46,000
2016-17	<p>Parking Lot Improvements – All DDA Parking Lots – Maintenance and Restriping of Surfaces Description: The DDA controlled parking facilities located at 2 lots at 1100 block of 1st Avenue South, 1100 block of 1st Avenue North, North 14th Street and 1st Avenue North, South 10th Street and 1st Avenue South, North 9th Street and 1st Avenue North, South 8th Street and 1st Avenue South, South 7th Street and 1st Avenue South and 700 block 1st Avenue North will take part in Phase II of the parking lot upgrades. The lots will be re-sealed & re-striped.</p>	DDA	\$27,500	2	\$27,500	\$27,500

2016-17	Power Pole Replacement Description: The expected useable life of a wooden power pole is forty years. Within the Escanaba distribution system, many poles are approaching or have exceeded their expected life. Pole inspectors have identified poles within our system that need to be replaced.	Electric Fund	\$250,000	1	\$250,000	\$250,000
2016-17	Street Light Replacement Description: There have been great advancements made in LED street lighting over the past few years. These advancements have resulted in better products and cheaper prices. Now is the time for the City to start replacing existing HID street lights and dusk-to-dawn lights with LED equivalents. This project will take multiple years to complete. The City has approximately 1,550 street lights and 300 dusk-to-dawn lights on the distribution system.	Electric Fund	\$100,000	1	\$100,000	\$100,000
2016-17	Storm Water Asset Management and Wastewater Inventory (SAW Grant) – Ludington Street Description: The Department of Public Works and Wastewater Department have been approved for \$1 million SAW Grant. This grant will allow both departments several opportunities that would not be otherwise affordable. There is a 10% matching funds requirement, which can include force labor, up to \$85,000 of new equipment, engineering and other costs which would be incurred over a three-year period. A complete Asset Management for all sanitary and storm water infrastructure over the next three years. These plans will include televising our older sewers, inspection and GIS of all manholes and pipes, aerial photography with topography, flow modeling and loading and evaluate the condition of the wastewater plant.	Saw Grant Funding Waste-Water Fund & General Fund	\$900,000 \$100,000* Note: (*Forced labor over 3 years)	1	\$1,000,000* (*over 3 years)	\$1,000,000* (*over 3 years)
2016-17	Water Towers Mixer Installation – Civic Center Water Tower and Far North Side Water Tower Description: The existing water towers are showing signs of stratification within the towers. Stratification is defined as a situation when different layers of water will not mix due to different water temperatures. This stratification can cause freezing problems during the winter months and treatment problems in the summer months. Additionally, the top layer of water could become stale. A mixing system is being proposed for each water tower which will be designed to reduce these problems as well as assist in lowering larger amounts of disinfection bi-products (DPB's) from forming in the tanks.	Water Fund	\$80,000	1	\$80,000	\$80,000
2016-17	West Side Sludge Site Road Improvement/Installation Description: The Water Department currently applies approximately 300 dry tons of anaerobically digestive bio-solids each year to what is commonly referred to as the west side Escanaba sludge site. Annually maintenance of the existing access roads is required so that the sludge trucks can safely access the property. Additionally, the construction of additional roadways is needed to make the area more accessible for sludge disposal.	Land Development Fund	\$10,000	2	\$10,000	\$10,000
2016-17	Stephenson Park Tennis Court Resurfacing Description: Resurfacing of Stephenson Park tennis court.	Grants General Fund	\$10,000	2	\$10,000	\$10,000
2016-17	Rose Park Tennis Court Resurfacing Description: Resurfacing of Rose Park tennis court.	Grants General Fund	\$10,000	2	\$10,000	\$10,000

2016-17	<u>Escanaba North Substation</u> Description: After the loss of the two transformer sub at the power plant, the City was able to construct a single transformer substation on site. The construction of this substation put the City at a minimally acceptable reliability level. An additional substation needs to be built to get back to a three transformer system.	Electric Fund	\$2,500,000	1	\$2.5 M	\$2.5M
2016-17	<u>Escanaba North Shore Substation</u> Description: The access to the North shore substation is very poor, as is site security. An improved drive and a security fence are needed for this sub.	Electric Fund	\$200,000	1	\$200,000	\$200,000
2016-17	<u>Escanaba West Side Substation</u> Description: The underground cables leaving the West side sub are nearing the end of their useful life. These cables need to be replaced and a 4 th circuit will be added to this sub.	Electric Fund	\$150,000	1	\$200,000	\$200,000
2016-17	<u>Ford River Underground</u> Description: A portion of the Ford River circuit that is underground is nearing the end of its useful life. The underground cables in this area need to be replaced.	Electric Fund	\$80,000	1	\$80,000	\$80,000

CAPITAL IMPROVEMENT PLAN 2017-18

Note: The proposed list of Capital Improvements projected in future fiscal years beginning in 2017 is stated for reference only and is likely to change once the new Community Master Plan is updated in 2016. The following years should be referenced as a guide for future growth and development, but is subject to change.

2017-18	<u>Resurfacing and Curb Repair City Wide – Major Streets</u> Description: The City has a responsibility to maintain, resurface and curb streets as they become deteriorated throughout the community. Routine resurfacing and curbing repairs are required. Street evaluation, prioritization, ranking and surface treatment type will be determined at a later date and a public hearing before the Planning Commission will be conducted prior to June 30, 2018.	Major Street Fund General Fund	To Be Determined	1		
2017-18	<u>Resurfacing and Curb Repair City Wide – Local Streets</u> Description: The City has a responsibility to maintain, resurface and curb streets as they become deteriorated throughout the community. Routine resurfacing and curbing repairs are required. Street evaluation, prioritization, ranking and surface treatment type will be determined at a later date and a public hearing before the Planning Commission will be conducted prior to June 30, 2018.	Local Street Fund General Fund	To Be Determined	1		
2017-18	<u>Sidewalk Repair and Maintenance Program - City Wide</u> Description: Routine repair and maintenance of existing sidewalk is needed City wide.	General Fund	To Be Determined	1		
2017-18	<u>West Side Cross Country/Snow Shoeing/Hiking Recreational Trail Upgrades</u> Description: Look to upgrade the non-motorized recreational trail system and improve the conditions of the trail where possible by either redirecting the trail to avoid the swamp, where possible, or adding to the trail. The addition of lighting, where possible, would provide the opportunity to use the trail more in the evening hours especially when the daylight season is shorter.	Land Development Fund Private Donations Grants	To Be Determined	3		

2017-18	DDA District Curb Repair Program Description: Funding to be allocated to repair most critical infrastructure repairs in the DDA District which could include curb, brick pavers, sidewalk, and tree related problems – removal/replacement. Project evaluations, prioritization and ranking will be determined at a later date at a public hearing before Downtown Development Authority board Trustees and Planning Commission.	DDA	\$25,000	1		
2017-18	Downtown Building Façade Improvement Program Description: Commercial building facades (located within the DDA District) will be upgraded and improved. Through these renovations, the City/DDA hopes to stimulate economic growth and redevelopment and add on improved visual quality of existing commercial properties.	DDA Grants Private Funds	To Be Determined	1		
2017-18	Downtown Side Street Facelift – 100 Block Stephenson Avenue to 6th Street Description: Rehabilitation/refacing project will include repaving of the 100 blocks off of Ludington Street from Stephenson Avenue to 6 th Street and will include repaving along with constructing crosswalks to meet the current ADA standards. Bad sidewalks and curbing as budget allows will also be addressed. This project will be done in phases to minimize disruption to businesses.	DDA City MDOT Grants	\$500,000	1		
2017-18	Power Pole Replacement Description: The expected useable life of wooden poles is forty years. Within the Escanaba distribution system, many poles are approaching or have exceeded their expected life. Pole inspectors have identified poles within our system that need to be replaced.	Electric Fund	\$250,000	1		
2017-18	Street Light Replacement Description: There have been great advancements made in LED street lighting over the past few years. These advancements resulted in better products and more affordable fixtures. Replacement of the existing HID street lights and dusk-to-dawn lights with LED equivalents is planned. This project will take multiple years to complete. The City has approximately 1,550 street lights and 300 dusk-to-dawn lights on the distribution system.	Electric Fund	\$100,000	1		
2017-18	Water Treatment Plant Garage Construction Description: The Water Department is in need of a garage to house its fleet of City-owned vehicles. A garage is essential to provide a secure and safe location for vehicles used by the Department. These vehicles are required to respond to emergency call-outs 24 hours a day and need protection from the environment.	Water Fund/Grant Availability	\$300,000	3		
2017-18	Escanaba-Hermansville Rail Trail Description: The 23.76 mile inactive railroad corridor from Escanaba to Hermansville was acquired by the State of Michigan in December 2007. The State of Michigan Natural Resources Forest Management Division has land management responsibility for the corridor and is planning for use as a recreational rail trail. As part of this development, a trail connector linking the Fairgrounds property to the rail trail is being evaluated.	Michigan Resources Forest Management Division	To Be Determined	3		

CAPITAL IMPROVEMENT PLAN 2018-19

2018-19	<p><u>Resurfacing and Curb Repair City Wide – Major Streets</u></p> <p>Description: The City has a responsibility to maintain, resurface and curb streets as they become deteriorated throughout the community. Routine resurfacing and curbing repairs as required. Street evaluation, prioritization, ranking and surface treatment type will be determined at a later date and a public hearing before the Planning Commission will be conducted prior to June 30, 2019.</p>	Major Street Fund General Fund	To Be Determined	1		
2018-19	<p><u>Resurfacing and Curb Repair City Wide – Local Streets</u></p> <p>Description: The City has a responsibility to maintain, resurface and curb streets as they become deteriorated throughout the community. Routine resurfacing and curbing repairs as required. Street evaluation, prioritization, ranking and surface treatment type will be determined at a later date and a public hearing before the Planning Commission will be conducted prior to June 30, 2019.</p>	Local Street Fund General Fund	To Be Determined	1		
2018-19	<p><u>Sidewalk Repair and Maintenance Program - City Wide</u></p> <p>Description: Routine repair and maintenance of existing sidewalk is needed City wide.</p>	General Fund	To Be Determined	1		
2018-19	<p><u>West Side Cross Country/Snow Shoeing/Hiking Recreational Trail Upgrades</u></p> <p>Description: Look to upgrade the non-motorized recreational trail system and improve the conditions of the trail where possible by either redirecting the trail to avoid the swamp, where possible, or adding to the trail. The addition of lighting, where possible, would provide the opportunity to use the trail more in the evening hours especially when the daylight season is shorter.</p>	Land Development Fund Private Donations Grants	To Be Determined	3		
2018-19	<p><u>DDA District Curb Repair Program</u></p> <p>Description: Funding to be allocated to repair most critical infrastructure repairs in the DDA District which could include curb, brick pavers, sidewalk, and tree related problems – removal/replacement. Project evaluations, prioritization and ranking will be determined at a later date at a public hearing before Downtown Development Authority board Trustees and Planning Commission.</p>	DDA	\$25,000	1		
2018-19	<p><u>Downtown Building Façade Improvement Program</u></p> <p>Description: Commercial building facades (located within the DDA District) will be upgraded and improved. Through these renovations, the City/DDA hopes to stimulate economic growth and redevelopment and add on improved visual quality of existing commercial properties.</p>	DDA Grants Private Funds	To Be Determined	1		
2018-19	<p><u>Power Pole Replacement</u></p> <p>Description: The expected useable life of wooden poles is forty years. Within the Escanaba distribution system, many poles are approaching or have exceeded their expected life. Pole inspectors have identified poles within our system that need to be replaced.</p>	Electric Fund	\$250,000	1		
2018-19	<p><u>Street Light Replacement</u></p> <p>Description: There have been great advancements made in LED street lighting over the past few years. These advancements resulted in better products and more affordable fixtures. Replacement of the existing HID street lights and dusk-to-dawn lights with LED equivalents is planned. This project will take multiple years to complete. The City has approximately 1,550 street lights and 300 dusk-to-dawn lights on the distribution system.</p>	Electric Fund	\$100,000	1		

2018-19	<p><u>Neighborhood Historic Overlay – 1st Avenue South, South 7th Street and Lake Shore Drive</u></p> <p>Description: The historic stock of residential structures sets the City apart from surrounding townships. The area between 1st Avenue South, South 7th Street and Lake Shore Drive is to be designated as an historic overlay district, which means it poses a high concentration of historic structures deserving to be preserved for the community. A neighborhood historic overlay district would provide a basis for the City to manage the appearance of the exterior of new structures and significant additions within this area. The overlay district would not be a local historic district, but a zoning tool used to preserve the architectural and historic integrity of the neighborhood.</p>	General Fund	To Be Determined	3		
2018-19	<p><u>Neighborhood Enhancement Area</u></p> <p>Description: There are two neighborhood enhancement areas identified in the Escanaba Comprehensive Plan. These areas are located on the east side of Lincoln Road to Stephenson Avenue and on both sides of Ludington Street from Ludington Street to 3rd Avenues North and South. The intent of the Neighborhood Enhancement Area is to concentrate code enforcement, infrastructure improvements, and home ownership programs to increase property value resulting in stabilized neighborhoods.</p>	General Fund	To Be Determined	2		
2018-19	<p><u>Neighborhood Historic Overlay – 1300 – 1700 Sheridan Road</u></p> <p>Description: The historic culture of this north side neighborhood sets the neighborhood apart from surrounding neighborhoods of the community. The area between 1300 - 1700 Sheridan Road is to be designated as an historic overlay district, which means it possesses a historical value deserving to be preserved for the community. A neighborhood historic overlay district would provide a basis for the City to manage the appearance of the exterior of new structures and significant additions within this area. The overlay district would not be a local historic district, but a zoning tool used to preserve the architectural and historic integrity of the neighborhood.</p>	General Fund	To Be Determined	2		
CAPITAL IMPROVEMENT PLAN 2019-20						
2019-20	<p><u>Resurfacing and Curb Repair City Wide – Major Streets</u></p> <p>Description: The City has a responsibility to maintain, resurface and curb streets as they become deteriorated throughout the community. Routine resurfacing and curbing repairs as required. Street evaluation, prioritization, ranking and surface treatment type will be determined at a later date and a public hearing before the Planning Commission will be conducted prior to June 30, 2020.</p>	Major Street Fund General Fund	To Be Determined	1		

2019-20	<u>Resurfacing and Curb Repair City Wide – Local Streets</u> Description: The City has a responsibility to maintain, resurface and curb streets as they become deteriorated throughout the community. Routine resurfacing and curbing repairs as required. Street evaluation, prioritization, ranking and surface treatment type will be determined at a later date and a public hearing before the Planning Commission will be conducted prior to June 30, 2020.	Local Street Fund General Fund	To Be Determined	1		
2019-20	<u>Sidewalk Repair and Maintenance Program - City Wide</u> Description: Routine repair and maintenance of existing sidewalk is needed City wide.	General Fund	To Be Determined	1		
2019-20	<u>West Side Cross Country/Snow Shoeing/Hiking Recreational Trail Upgrades</u> Description: Look to upgrade the non-motorized recreational trail system and improve the conditions of the trail where possible by either redirecting the trail to avoid the swamp, where possible, or adding to the trail. The addition of lighting, where possible, would provide the opportunity to use the trail more in the evening hours especially when the daylight season is shorter.	Land Development Fund Private Donations Grants	To Be Determined	3		
2019-20	<u>DDA District Curb Repair Program</u> Description: Funding to be allocated to repair most critical infrastructure repairs in the DDA District which could include curb, brick pavers, sidewalk, and tree related problems – removal/replacement. Project evaluations, prioritization and ranking will be determined at a later date at a public hearing before Downtown Development Authority board Trustees and Planning Commission.	DDA	\$25,000	1		
2019-20	<u>Downtown Building Facade Improvement Program</u> Description: Commercial building facades (located within the DDA District) will be upgraded and improved. Through these renovations, the City/DDA hopes to stimulate economic growth and redevelopment and add on improved visual quality of existing commercial properties.	DDA Grants Private Funds	To Be Determined	1		
2019-20	<u>Power Pole Replacement</u> Description: The expected useable life of wooden poles is forty years. Within the Escanaba distribution system, many poles are approaching or have exceeded their expected life. Pole inspectors have identified poles within our system that need to be replaced.	Electric Fund	\$250,000	1		
2019-20	<u>Street Light Replacement</u> Description: There have been great advancements made in LED street lighting over the past few years. These advancements resulted in better products and more affordable fixtures. Replacement of the existing HID street lights and dusk-to-dawn lights with LED equivalents is planned. This project will take multiple years to complete. The City has approximately 1,550 street lights and 300 dusk-to-dawn lights on the distribution system.	Electric Fund	\$100,000	1		

CAPITAL IMPROVEMENT PLAN 2020-21

2020-21	<u>Resurfacing and Curb Repair City Wide – Major Streets</u> Description: The City has a responsibility to maintain, resurface and curb streets as they become deteriorated throughout the community. Routine resurfacing and curbing repairs as required. Street evaluation, prioritization, ranking and surface treatment type will be determined at a later date and a public hearing before the Planning Commission will be conducted prior to June 30, 2021.	Major Street Fund	\$150,000	1	\$150,000	
2020-21	<u>Resurfacing and Curb Repair City Wide – Local Streets</u> Description: The City has a responsibility to maintain, resurface and curb streets as they become deteriorated throughout the community. Routine resurfacing and curbing repairs as required. Street evaluation, prioritization, ranking and surface treatment type will be determined at a later date and a public hearing before the Planning Commission will be conducted prior to June 30, 2021.	Local Street Fund General Fund	\$150,000	1	\$150,000	
2020-21	<u>Sidewalk Repair and Maintenance Program - City Wide</u> Description: Routine repair and maintenance of existing sidewalk is needed City wide.	General Fund	\$5,000	1	\$5,000	
2020-21	<u>West Side Cross Country/Snow Shoeing/Hiking Recreational Trail Upgrades</u> Description: Look to upgrade the non-motorized recreational trail system and improve the conditions of the trail where possible by either redirecting the trail to avoid the swamp, where possible, or adding to the trail. The addition of lighting, where possible, would provide the opportunity to use the trail more in the evening hours especially when the daylight season is shorter.	Land Development Fund Private Donations Grants	\$2,500	2	\$2,500	
2020-21	<u>DDA District Curb Repair Program</u> Description: Funding to be allocated to repair most critical infrastructure repairs in the DDA District which could include street resurfacing, curb, brick pavers, sidewalk, and tree related problems-removal/replacement. Project evaluations, prioritization and ranking will be determined at a later date at a public hearing before the Downtown Development Authority Board of Trustees and Planning Commission.	DDA	\$25,000	1	\$25,000	
2020-21	<u>Downtown Building Facade Improvement Program</u> Description: Commercial building facades (located within the DDA District) will be upgraded and improved. Through these renovations, the City/DDA hopes to stimulate economic growth and redevelopment and add on improved visual quality of existing commercial properties.	DDA Funds	\$25,000	1	\$25,000	
2020-21	<u>Power Pole Replacement</u> Description: The expected useable life of wooden poles is forty years. Within the Escanaba distribution system, many poles are approaching or have exceeded their expected life. Pole inspectors have identified poles within our system that need to be replaced.	Electric Fund	\$250,000	1	\$250,000	
2020-21	<u>Street Light Replacement</u> Description: There have been great advancements made in LED street lighting over the past few years. These advancements resulted in better products and more affordable fixtures. Replacement of the existing HID street lights and dusk-to-dawn lights with LED equivalents is planned. This project will take multiple years to complete. The City has approximately 1,550 street lights and 300 dusk-to-dawn lights on the distribution system.	Electric Fund	\$100,000	1	\$100,000	

2020-21	<u>Parking Lot Improvements – All DDA Parking Lots</u>	DDA	\$40,000	2	\$40,000	
Description: The DDA controlled parking facilities located at 100 block of 1 st Avenue South, 1100 block of 1 st Avenue North, North 14 th Street and 1 st Avenue North, South 10 th Street and 1 st Avenue South, North 9 th Street and 1 st Avenue North, South 8 th Street and 1 st Avenue South, 1 st Avenue South and South 7 th Street, 700 block 1 st Avenue North and 600 block and 1 st Avenue North will have new themed signage and general maintenance and restriping of parking surfaces. Signs for Ludington Street directing public to the off Ludington Street parking area will also be included.						

OPPORTUNITY IMPROVEMENTS SHOULD FUNDING SOURCE BECOME AVAILABLE

Ludington Street Reconstruction – Projected Estimate \$25 million

Description: Designed streetscape and upgrade all utilities of the East Ludington Street Corridor from Stephenson Avenue to 2nd Street, include side streets to 1st Avenues North and South.

Wastewater Plant Expansion – Projected Estimate: \$10.5 million

Description: The existing Escanaba Wastewater Treatment Plant handles all residential, commercial, and industrial wastewater generated in the City. The plant was built in 1933 and is rated at 2.2 million gallons per day. A major treatment upgrade was done in 1973, but the capacity remained the same. The existing flows at certain times of the year approach and often exceed the design capacity. Additionally, the City of Escanaba will exceed design capacity more frequently when the ground water level rises. This is due to the poor condition of the old sanitary sewer collection system.

3rd Avenue South Pocket Park (1st and 3rd Avenues South and South 30th Street – 3.93 Acres) – Projected Estimate \$150,000

Description: The parcel located between 1st and 3rd Avenues South and South 30th Street consists of 3.93 acres of land bordered by a floodplain and consisting of a naturally wooded area. The purpose of this nature area is to accommodate a natural or park like setting with the installation of walking trails, benches, portable restroom facilities and such.

Ness Field Stadium – Projected Estimate: \$200,000

Description: It has been proposed to construct a baseball stadium that would include approximately 200 stadium seats, handicapped accessibility to the stadium, a roof, a new press box, and improved landscaping.

Dickson Field Improvements – Projected Estimate: \$5,000

Description: Plumbing upgrades need to be addressed so the concession area can be run properly.

Northshore Industrial Park – Preliminary Engineering and Layout – Projected Estimate: To Be Determined

Description: As part of the Northshore Redevelopment Master Plan, an Industrial Park will be developed to retain, grow, and develop a new manufacturing base surrounding the Power Plant, which will create industrial synergies with the potential conversion of the Power Plant. A preliminary engineering study is needed to determine the best physical layout of an Industrial Park surrounding the Power Plant to include the identification of needed infrastructure and proper sizing.

Willow Creek East Subdivision Paving and Curbing – Projected Estimate: To Be Determined

Description: The curbing and paving of this street will complete the Willow Creek East Phase 2 Subdivision.

Marvic Subdivision Paving and Curbing – Projected Estimate: To Be Determined

Description: The curbing and paving of 20th Avenue South and 21st Avenue South connected by South 19th Street of the Marvic Subdivision.

Restroom Upgrade - Municipal Dock – Project Estimate: \$40,000

Description: The municipal dock bathrooms are in need of major renovations. This project will completely upgrade and redo the men's and women's bathroom.

Pier 3 Restroom Facility – Projected Estimate: \$80,000

Description: The Marina is looking to build a 19' x 34' permanent structure bathroom south of pier 3. This bathroom would be useful to slip holders on the south end of the harbor as well as fishing tournaments.

L-Dock Reconstruction – Projected Estimate: To Be Determined

Description: The Marina will need to repair or demolish the existing L-dock structure as the first phase of dock replacement. If we chose to repair the existing L-dock, we would sheet pile, fill, and resurface. Demolition of the L-dock would leave the new bridge as an attachment for a new pier two.

Public Works Cold Storage Building/Lean-To – Projected Estimate: \$80,000

Description: This would be a 50' x 100' pole style building within the existing Department of Public Works fence. This building would also house the sign shop in conjunction with the building modification project. The project would also be done with Department of Public Works labor. Another option has been looked at for construction of a lean-to off the side of the building. A lean-to at 200' long and 24' wide. To cut the lean-to size in half would be approximately half the cost.

Sheridan Road Improvement Program – 1300 block to 1700 block – Off-Street Parking Lot Installation – Projected Estimate: \$102,000

Description: As part of the Comprehensive Plan, a strategy exists to improve the 1300 to 1700 blocks of Sheridan Road. The neighborhood has an ethnic heritage which will be capitalized on. The area has a defined neighborhood business district with well-maintained homes. Efforts to improve and demarcate the business district are being planned.

Lemerand/Ness Complex (Playground Facilities) – Projected Estimate: \$30,000

Description: Because of the recreational use, and the area being the far southside major playground facility, improvements to equipment is needed for the health, safety, and welfare of the citizens.

Emergency Back Up Generator - Catherine Bonifas Civic Center – Projected Estimate: \$50,000

Description: The Catherine Bonifas Civic Center is in need of a 120/240 volts A/C single-phase, 60 Hz, 50 kW minimum back-up generator. The generator would allow the Catherine Bonifas Civic Center to be transformed into an emergency shelter facility if there is ever a need before, during, or after a disaster.

Escanaba Heritage Walking Tour – Projected Estimate: \$15,000

Description: A Heritage Walking Tour of the downtown area and parts of the City of Escanaba celebrating historic building, homes, and landmarks will be developed.

Concrete Slabs for Royce and Webster Parks – Projected Estimate: \$40,000 Each

Description: The Recreation Department is proposing to develop a designated area for cement slabs at the Webster and Royce Ice Rinks to utilize the area for year round use. With the proposed slabs, participants could use the area for inline skating in the summer months and for ice skating in the winter months (year around use).

18th Avenue South Athletic Complex Parking – Projected Estimate: To Be Determined

Description: With the continuing development of these fields and the strong fan interest, this has created a serious vehicle parking problem. We would like to provide a combined parking/roadway for these facilities to reduce traffic/pedestrian accident hazards. Paved parking will be installed in the 18th Avenue South Athletic Complex which will serve the Ness Baseball Field, Lemerand Park, and Escanaba Public Schools Athletic Field.

Dog Park – Project Estimate: \$15,000

Description: There is continued popularity and requests to have an outside, fenced in area for a dog park. The dog park would consist of a fence, gate, benches, picnic tables, and garbage receptacles.

Ludington Park Pavilion – Electrical Upgrade – Project Estimate: \$10,000

Description: The Ludington Park Pavilion periodically blows fuses throughout the summer months when utilized. An electrical upgrade of the Ludington Park Pavilion needs to take place.

Ludington Park Bandshell -Restroom Upgrade – Project Estimate: \$50,000

Description: The Ludington Park Bandshell is in need of a restroom upgrade. Currently the building has two rooms with one restroom on a side (currently is in working condition) and one restroom and urinal on the other side (currently not in working condition). There is a small septic system located and would need to be replaced if more restrooms would be installed and/or in working condition.

Civic Center – Kitchen Upgrade – Project Estimate: \$35,000

Description: The Civic Center currently has a certified kitchen which was implemented in 2015. There currently is a full complete kitchen, which hasn't been in working condition in over twenty years. The equipment needs to be removed and replaced with all new equipment.

Civic Center – Window Upgrade – Project Estimate: \$25,000

Description: The west side of the Civic Center is in need of window replacement.

Centralized Ice Rink – Civic Center Location – Project Estimate: \$30,000

Description: There has been discussion on having a centralized ice rink located to the south of the Civic Center building, which was originally located in previous years. Currently there are two ice rinks at Royce and Webster. A centralized location will better suit the staffing and building capabilities. The Civic Center currently has various activities that patrons could also participate in.

Ludington Park Restroom Remodel – Project Estimate: \$200,000

Description: The Ludington Park Restroom is in need of a remodel, which would include demolition of the current restroom facility.

Danforth Ski Hill – New Parking Lot, Fire Pit, Benches, Lighting and Signage – Project Estimate: \$200,000

Description: The ski hill area is being utilized as a temporary parking lot to gain access to the newly created snowshoe trail and loops #2 and #3 of the ski trail. The access on North 30th Street is also available, however, the recent warm weather isn't allowing for a good trail system at the trail head. A new created parking lot would be installed with paving and striping, along with proper signage and lighting. The citizens have also expressed an interest in a fire pit with benches.

Monument to Labor Project – Esky 150 Project – Projected Estimate: \$20,000

Description: As part of the Escanaba Sesquicentennial, the history of labor is significant in the City of Escanaba. In the course of demolishing the former Department of Public Works facility in the early 1990's, four historical reliefs were salvaged for inclusion into a public monument to labor in a public space at Rose Park.

Liberty Tree Project at Veteran's Memorial – Esky 150 Project – Projected Estimate: \$20,000

Description: As part of the Escanaba Sesquicentennial, "A Liberty Tree" Victory Garden will be erected at Veteran's Park as a reminder of the liberty and freedoms we as a City value.

City of Escanaba Non-Motorized Pathway Master Plan In Conjunction with the Delta Wide Non-Motorized Pathway Master Plan

Description: As part of the City of Escanaba Non-Motorized Pathway System Master Plan, a 10' wide pathway system will be engineered to include project costs for the following areas:

1. Willow Creek Road between 8th Avenue South to 3rd Avenue North approximately 5,200 feet.
2. Municipal Dock to North 4th Street approximately 1,400 feet.
3. North 10th Street from 1st Avenue North to 3rd Avenue North approximately 1,400 feet.
4. 3rd Avenue North from North 10th Street to Stephenson Avenue approximately 2,700 feet.
5. Stephenson Avenue to Sheridan Road, 3rd Avenue North to 8th Avenue North approximately 2,600 feet.
6. Sheridan Road to City limit approximately 7,200 feet.
7. North 26th Street and 16th Avenue North to North 26th Street to Danforth Road approximately 1,500 feet.
8. 5th Avenue South from South Lincoln Road to Ludington Park approximately 6,200 feet.
9. Lake Shore Drive from Ludington Park to M35 approximately 11,000 feet.