

**ESCANABA PLANNING COMMISSION RECOMMENDED
CAPITAL IMPROVEMENT PLAN
FISCAL YEAR 2017-2022**

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: March 9, 2017
City Council Reviewed: April 11, 2017
Included in Final Budget: _____**

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 2017-18						
2017-18	<p><u>General 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, 2017.</p>	Local Street Fund	\$150,000	1	\$150,000	\$300,000
2017-18	<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	\$5,000	1	\$5,000	\$5,000
2017-18	<p><u>Parking Lot Improvements – All DDA Parking Lots – Maintenance and Restriping of Surfaces</u></p> <p>Description: The DDA controlled parking facilities located on the 1200 block of 1st Avenue North will be resealed and re-striped.</p>	DDA	\$25,000	1	\$25,000	\$25,000
2017-18	<p><u>Power Pole Replacement</u></p> <p>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.</p>	Electric Fund	\$200,000	1	\$200,000	\$200,000
2017-18	<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 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.</p>	Electric Fund	\$80,000	1	\$80,000	\$80,000

2017-18	<u>Escanaba North Shore Substation Improvements</u> Description: The North Shore Substation installation currently in place was built in response to an electrical emergency dating back to February 2, 2015 and has been considered a temporary installation. The primary purpose of building the existing substation at the site in that fashion was to allow the City to repower the community as quickly as possible. The current installation was not built in a permanent fashion to industry standards due to the time of the year and the immediate need for power. Additionally, the temporary North Shore Substation could not be taken out of service and upgraded until the North Side Substation was completed and placed into active operation. Work needed at the North Shore Substation includes the need to install concrete bases for major equipment and components, steel supports for bus work and equipment, a control building, additional fencing and improved access to the facility	Electric Fund	\$1,500,000	1	\$1,500,000	\$1,500,000
2017-18	<u>Butcher's Creek Storm System Pipe Repair</u> Description: The Butcher's Creek storm sewer system, which begins on 13 th Avenue South and ends at the lake at Veteran's Park, must be relined due to potential pipe failure. There is approximately 1,500 linear feet of 48" pipe, 1,400 linear feet of 36" pipe and approximately 500 linear feet of 30" pipe within the area of concern. The proposed repair is to be a cured in place pipe lining for this area. Section I – 48" pipe Section II – 36" pipe Section III – 30" pipe	Major Street Fund	\$390,000 \$232,000 \$75,000	1	\$697,000	\$697,000
2017-18	<u>5th Avenue South and South Lincoln Road Storm System Pipe Repair</u> Description: The 15" storm system pipe from South Lincoln Road to South 22 nd Street has had several failures due to pipe fatigue. Spot repairs of liners have been attempted without success. The last repair left a flow obstruction in the pipe. It is proposed to remove the existing flow obstruction through trenchless means and reline the pipe with a cured in place pipe lining.	Local Street Fund	\$25,000	1	\$25,000	\$25,000
2017-18	<u>Sanitary Sewer Repair – Cured in Place Pipe Line</u> Description: Several sanitary sewer lines have plagued the City of Escanaba with costly emergency repairs. In coming up with a long-term solution, the following sewer lines will be repaired using a cured in place pipe lining: <u>7th Avenue South – Between Lake Shore Drive and South 15th Street.</u> There is approximately 2500 linear feet of 24" pipe that needs to be relined.	Wastewater Fund	\$270,000	1	\$270,000	\$270,000

2017-18	<u>Escanaba West Side Substation – Carry Over from 2016/17</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	\$150,000	\$150,000
2017-18	<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	\$28,000	1	\$15,000	\$15,000
2017-18	<u>Ford River Underground – Carry Over from 2016/17</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
2017-18	<u>Marina Dock Replacement – Phase I</u> Description: Docks within the Marina Basin have reached and exceeded their designed usefulness. Funds are needed to begin Phase I of a multi-phased replacement program.	Marina Fund Land Development Grant Waterways Grant	\$150,000 \$150,000	1	\$0	\$150,000
2017-18	<u>Sanitary Sewer Repair – Cured in Place Pipe Line</u> Description: Several sanitary sewer lines have plagued the City of Escanaba with costly emergency repairs. In coming up with a long-term solution, the following sewer lines will be repaired using a cured in place pipe lining: <u>Lake Shore Drive – 13th Avenue South to 18th Avenue South.</u> There is approximately 1200 linear feet that needs to be relined.	Waste Water Fund	\$54,000	1	\$0	\$54,000
CAPITAL IMPROVEMENT PLAN 2018-19						
2018-19	<u>Resurfacing and Curb Repair 3rd Avenue North from Stephenson Avenue to North Lincoln Road</u> Description: Under an MDOT Category “F” Grant, roughly 0.37 miles of roadway and right-of-way work will take place. Including some curb work, sidewalk and crosswalk upgrades and road surface upgrades.	Major Street Fund MDOT Category “F” Grant	\$40,000 \$200,000	1		
2018-19	<u>Traffic Signal Upgrade and Intersection Realignment – 3rd Avenue North and North Lincoln Road</u> Description: The City of Escanaba in partnership with the Michigan Department of Transportation will realign the intersection for a dedicated right turn, thru and left turn lane with phasing on the signal.	Major Street Fund MDOT Contribution	\$60,000 \$60,000	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>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>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>Non-Motorized Pathway Improvement – Bay College to North City Limits</u></p> <p>Description: As part of the City of Escanaba’s Non-Motorized Pathway System connecting gaps in the City’s current non-motorized pathway system is necessary. This project will consist of a non-motorized pathway of approximately 4,200 linear feet from Bay College to the north City limits as part of the Iron Belle Trail System.</p>	MDNR Trust Fund Grant MDOT Tap Grant Iron Belle Trail Grant Hannahville 2% Grant	\$275,000	2		

2018-19	<p>Sanitary Sewer Repair – Cured in Place Pipe Line</p> <p>Description: Several sanitary sewer lines have plagued the City of Escanaba with costly emergency repairs. In coming up with a long-term solution, the following sewer lines will be repaired using a cured in place pipe lining:</p> <p><u>2nd Avenue South – South 4th Street to South 16th Street.</u> There is approximately 2700 linear of pipe that needs to be relined.</p> <p><u>22nd Street – 3rd Avenue South to 1st Avenue North.</u> This project includes approximately 2000 linear feet of pipe, plus 500 linear feet to the west side of the highway on 1st Avenue South.</p>	Waste Water Fund		1		
CAPITAL IMPROVEMENT PLAN 2019-20						
2019-20	<p>Resurfacing and Curb Repair City Wide – Major Streets</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	<p>Resurfacing and Curb Repair City Wide – Local Streets</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>	Local Street Fund General Fund	To Be Determined	1		
2019-20	<p>Sidewalk Repair and Maintenance Program - City Wide</p> <p>Description: Routine repair and maintenance of existing sidewalk is needed City wide.</p>	General Fund	To Be Determined	1		
2019-20	<p>DDA District Curb Repair Program</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		
2019-20	<p>Power Pole Replacement</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		
2019-20	<p>Street Light Replacement</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		

2019-20	<p><u>Urban Forestry Plan</u></p> <p>Description: Many of the city's trees are nearing the end of their natural lives and others are impacted by disease, invasive species, or the expansion of others (i.e. Dutch elm disease, emerald ash borer, Asian longhorned beetles). The City should proactively develop an urban forest plan to protect and maintain trees to ensure that future generations will enjoy the many benefits provided by street trees and forested parks.</p>	Grant Funding	To Be Determined			
2019-20	<p><u>Feasibility Analysis of a Delta County Regional Sports and Recreation Authority Concept</u></p> <p>Description: Currently there are multiple tax supported entities operating a number of sports and recreational facilities and programs independent of each other throughout Delta County. The concept is to work with all the local units of government, school systems, college system, the Hannahville Indian Community and the various community stakeholders on the drafting of a "Feasibility Analysis Request for Proposal" which if found feasible could create a Delta County-Wide Regional Sports and Recreation Authority. The purpose of the feasibility analysis would be to:</p> <ul style="list-style-type: none"> -Identify opportunities to maintain or expand, and/or strengthen the delivery of sports and recreational services and opportunities currently offered. - Identify potential revenue streams. Outline a cost allocation methodology. - Unify and consolidate grant writing efforts. - Identify legal requirements needed to create such an authority. - Outline options for managing of services and facilities. -Identify challenges, opportunities, weaknesses and threats to the merging of services and facilities. - Identify efficiencies to be gained by the merging of services and facilities. -Identify deployment strategies to improve service or facilitate economic efficiencies. - Recommend an organizational structure. - Provide an outline on how this concept can obtain political and community buy-in and support. 	Grant Funding	To Be Determined			
CAPITAL IMPROVEMENT PLAN 2020-21						
2020-21	<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, 2021.</p>	Major Street Fund	\$150,000	1	\$150,000	
2020-21	<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, 2021.</p>	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>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>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	
CAPITAL IMPROVEMENT PLAN 2021-22						
2021-22	<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	
2021-22	<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	
2021-22	<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	
2021-22	<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	

2021-22	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	\$250,000	
2021-22	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	\$100,000	

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.

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.

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.

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.

Non-Motorized Pathway Improvements: As part of the City of Escanaba Non-Motorized Pathway System and also will be included in the Delta County Non-Motorized Master Plan, connecting gaps in the City's current non-motorized pathway system include the following – Projected Estimate: To Be Determined:

1. Bike path on the north side of U.P. State Fairgrounds entrance going north to the corner of US2 and 41 and Danforth Road.
2. Sheridan Road going south to 20th Avenue North going west to North Lincoln Road going west (shared roadway with line painting on 20th Avenue North) – 6200'
3. 5th Avenue South from South Lincoln Road to Ludington Park – 6200'
4. Lake Shore Drive from Ludington Park to M35 – 11000'
5. Willow Creek Road between 8th Avenue South to Ludington Street, then along Ludington Street to North Lincoln Road – 6700'
6. 3rd Avenue North from North 10th Street to Stephenson Avenue (dedicated separated bike path on the north side of 3rd Avenue North) – 2700'
7. North 10th Street from 1st Avenue North to 3rd Avenue North (north side of 3rd Avenue North) – 1400'
8. Stephenson Avenue to Sheridan Road – 2600'
9. Municipal Dock to North 4th Street – 1400'

Disc Golf Course- Ski Hill – Projected Estimate – To Be Determined

Disc golf has become very popular in the City. There is an interest by a private organization to design a course at the West Side Ski Park off of 19th Avenue North.

Bocce Ball – Projected Estimate: \$25,000

A bocce ball court could be located within the City. The Civic Center would be able to check out the bocce balls at no cost. Regulation size court is 13' by 19' with either clay, dirt, sand or grass surface.

Skate Park – Projected Estimate – To Be Determined

A creation of a skate park would be a great addition to the recreational activities the City has to offer. The skate park is more of a draw to the teenager age group and would allow them access to a popular recreation activity. A designated area would significantly reduce the damage that is done along curbing, planters, staircases, etc. throughout the City created by skateboards. The size and location would be determined on funding opportunities.

Dog Park – Projected Estimate: \$50,000

There is continued popularity to construct an outdoor dog park. The dog park would include 6' fencing, water source, benches, exercise activities, picnic tables, garbage receptacles, dog bag receptacles, and signage.

City-Owned Property- Tree Replacement (ash) and Maintenance – Projected Estimate – To Be Determined

Many of the city's trees are nearing the end of their natural lives and others are impacted by disease, invasive species, or the expansion of others (i.e. Dutch elm disease, emerald ash borer, Asian longhorned beetles). The City should proactively develop an urban forest plan to protect and maintain trees. To ensure that infested or elderly trees will be removed and replaced with tree species that are similar, and resilience against disease, invasive species, and changing climatic patterns.

Lighting Inventory – Projected Estimated – To Be Determined

A lighting inventory needs to be created with all City properties for possible LED updates and additional lighting/modifications where needed. Include the rate of return. Also explore opportunities for solar lighting solutions.

City-Owned Property- Identify Property Boundaries – Projected Estimate: \$15,000

Some City-owned properties are not clearly identified when located near neighboring properties. An identifiable marker would be created to identify property lines.

Labor Memorial – Projected Estimate: \$20,000

As part of the Escanaba 150th celebration, 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 in a public monument dedicated to labor to be located at Rose Park.

West Side Recreation Area and City Forest – Projected Estimate – To Be Determined

Reassess ski trails located off North 30th Street at the West Side Ski Park to either improve the conditions or redirect the trails to avoid the swamp and explore potential to expand the trail network. Moving ski access from North 30th Street to behind the Sports Club off 19th Avenue North. Create parking lot on the far west side of the park area located off 19th Avenue North to include lighting, signage, benches, and garbage receptacles. A property inventory needs to be conducted to determine wetlands, uplands, etc. and also include defining the borders of this park, to include a land use suitability study. A system needs to be in place to secure the park from unwanted activities and promote growth and wildlife. 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.

Escanaba Migratory Bird Enhancement Initiative (EMBEI) – Projected Estimate – To Be Determined

Continue to support the Escanaba Migratory Bird Enhancement Initiative (EMBEI) partnership which utilizes community support to enhance bird habitat in the City through the planting of native species, control of invasive species, and the placement of nest boxes for cavity nesting birds.

Veteran's Park Development – Projected Estimate – To Be Determined

As part of the Escanaba 150th celebration, "A Liberty Tree" Victory Garden will be erected at Veteran's Park as a reminder of the liberty and freedoms City residents' value. Also to be included would be a memorial area in which bricks could be sold to assist in fundraising. Adding a boardwalk with elevated viewing platform and constructing a wooden igloo could also be included in the project scope. An effort to continue work on the planting areas and repopulate pine area with understory (planted 200-300 various pines and cedars). Adding a paved pathway from Lake Shore Drive to 12th Avenue South diagonal serpentine ending at the kid's play-area would enhance the park setting. Recreating veteran's housing would add to the historic aesthetic to the area. The Norway Maples would need replacing as they are dying and an undesirable species. Development of a modern playground with picnic tables would also be a great asset to the park.

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

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 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, etc.

Ness Field Stadium – Projected Estimate: \$220,000

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

Plumbing upgrades need to be addressed to ensure that the concession area can be run properly.

Lemerand/Ness Complex- Upgraded Playground Equipment and Parking Lot – Projected Estimate: \$200,000

Because of the recreational use, and the area being the main south side playground facility, improvements to equipment is needed for the health, safety and welfare of the facility users.

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

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.

Civic Center – Projected Estimate: \$61,000

The west side of the Civic Center is in need of window replacement (\$25,000). The current kitchen is State of Michigan certified, however, upgrades need to be made to replace appliances (\$36,000).

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

The Ludington Park restroom is in need of remodeling, which may include demolition of the current restroom facility.

Centralized Ice Rink – Projected Estimate: \$30,000

There has been discussion on having a centralized ice rink located near the Civic Center building. Currently there are two ice rinks in the City at Royce and Webster. A centralized location will better suit the staffing and building capabilities.

L-Dock Reconstruction – Projected Estimate – To Be Determined

The marina will need to repair or demolish the existing L-dock structure as the first phase of dock replacement. If repairing the existing L-dock, sheet pile, file, and resurfacing would have to take place. Demolition of the L-dock would leave the new bridge as an attachment for a new pier two.

Aronson Island Restroom Area – Projected Estimate: \$5,000

There currently is a port-a-john located at the Aronson Island Boat Launch. It is proposed to fill the two holding tanks with sand and cover with a concrete slab for placement of the port-a-john. Landscaping would be also be done.

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

The marina is looking to build a 19' by 34' permanent structure restroom south of pier 3. This restroom would be useful to slip holders on the south end of the harbor as well as for fishing tournaments.

Restroom Upgrade- Municipal Dock – Projected Estimate: \$65,000

The Municipal Dock restrooms are in need of major renovations. This project will completely upgrade and redo the men's and women's restrooms.

Additional Pavilion in Ludington Park – Projected Estimate – To Be Determined

Construction of a pavilion near the gazebo/marina area to bring activity into the park near the gazebo/marina area. The covered pavilion will be rented out for use and include water and electricity. Landscaping and picnic tables will also be on site.

Court Resurfacing Schedule – Projected Estimate – To Be Determined

Follow a regular schedule of resurfacing one or two courts a year as needed. With regular resurfacing, court life should be around 5-7 years depending on weather and usage. Ongoing maintenance will remain a priority. Below are listed courts:

- Ludington Park Tennis Courts
- Ludington Park Basketball Court
- Rose Park Tennis Court
- Royce Park Tennis Court
- Royce Park Basketball Court
- Stephenson Basketball Court
- Veteran's Park Tennis Court

Bay Soccer Complex Improvements – Projected Estimate – To Be Determined

Construct a permanent restroom facility at the Bay Soccer Complex.

Marina Improvements – Projected Estimate – To Be Determined

Additional parking along Jenkins Drive and near Pier III. Curb will be extended approximately 20' toward the bike path to create approximately 42 spaces. Identify two spaces for unloading areas, with time limit signs posted. Also, replace the 24' Baraga docks with additional 30' slips and possibly 24' slips, install web cameras at the harbor, and construct rustic campsites at the North Shore Boat Launch.

Splash Park – Projected Estimate – To Be Determined

The City of Escanaba would like to incorporate a splash park where kids can have fun with water without the danger of being in the water by way of an aquatic playground. This park could consist of fountains, slides, buckets and sprays. There would be no standing water which eliminates the need for any lifeguards or other supervision.

Pier Near Ludington Park – Projected Estimate – To Be Determined

The creation of a pier would allow for fisheries, bird watching, star viewing and leisure space for all ages.

Indoor Tennis/Pickleball Structure – Projected Estimate – To Be Determined

A covered structure would maximize the use of a tennis court and pickleball court play because they can be used during inclement or cold weather. Currently, the City of Escanaba does not have such structure and it is believed to be a great asset to the community. The structure would be of a modern design and incorporate heating, ventilation, acoustics, lighting, perimeter curtains and divider netting. Cost and size would be dependent upon funding availability. There are various locations which such structure could be housed within the City. Since this would be a multi-use structure, it is believed to be a draw for tourists, visitors and residents during winter months to hosts tournaments and exercise.

Kayak Launch Lift Within Aronson Island – Projected Estimate – To Be Determined

The addition of a kayak launch lift would be a great addition as it provides the ease of launching, along with an ADA accessible area.