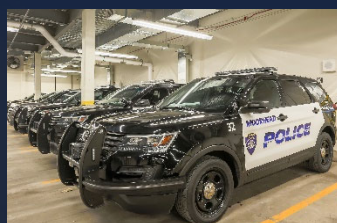




CITY OF MOORHEAD

CAPITAL IMPROVEMENT PLAN 2022-2026



The Capital Improvement Plan is a tool maintained by the City to identify future projects, related expenditures, and funding sources. All projects included in this plan are contingent upon availability of resources during the planned year. The total expenditures are funded with grants, fees, bonds, city-sources, or other available revenues.



TABLE OF CONTENTS

CITY OFFICIALS	2
Mission	3
Vision	3
Values	3
Strategic Plan and Capital Assets	3
ORGANIZATION CHART	4
INTRODUCTION	5
Capital Improvement Goals	6
Capital Improvement Plan Process	6
Plan Details	8
DEPARTMENT SUMMARY	9
DEPARTMENT EXPENDITURES BY FUNDING SOURCE	11
PROJECTS AND FUNDING SOURCES BY DEPARTMENT	15
2022 PROJECT DETAIL BY DEPARTMENT	28

The Government Finance Officers Association recommends that cities prepare and adopt comprehensive, fiscally sustainable, and multi-year capital plans to ensure effective management of capital assets.

CITY OFFICIALS

	<u>ELECTED OFFICIALS</u>	<u>TERM EXPIRATION</u>
Michelle (Shelly) Carlson	Mayor	2022
Matthew Gilbertson	Council Member, Ward 1	2024
Shelly Dahlquist	Council Member, Ward 1	2022
Laura Caroon	Council Member, Ward 2	2024
Heather Nesemeier	Council Member, Ward 2	2022
Larry Seljevold	Council Member, Ward 2	2024
Deb White	Council Member, Ward 3	2022
Steve Lindaas	Council Member, Ward 4	2024
Chuck Hendrickson	Council Member, Ward 4	2022

APPOINTED OFFICIALS

Dan Mahli City Manager

DEPARTMENT DIRECTORS

Mike Reitz	Assistant City Manager
Kristie Leshovsky	Community Development
Holly Heitkamp	Parks & Recreation
Robert Zimmerman	Engineering
Shannon Monroe	Police Chief
Jeff Wallin	Interim Fire Chief
Steve Iverson	Public Works

ADMINISTRATIVE DEPARTMENT DIRECTORS

Jenica Flanagan	Finance
Amy Settergren	Human Resources
Corey Delorme	Information Technology
Lisa Bode	Governmental Affairs
Cheryl Duysen	Prosecution



Mission

To secure the benefits of local self-government and promote honest, accountable governance, provide for appropriate municipal service, encourage citizen participation, and foster a sense of community.

Vision

To develop a clear direction for our City's future, a living plan driven by a compelling sense of purpose, a deep pride, and commitment to our community.

Values

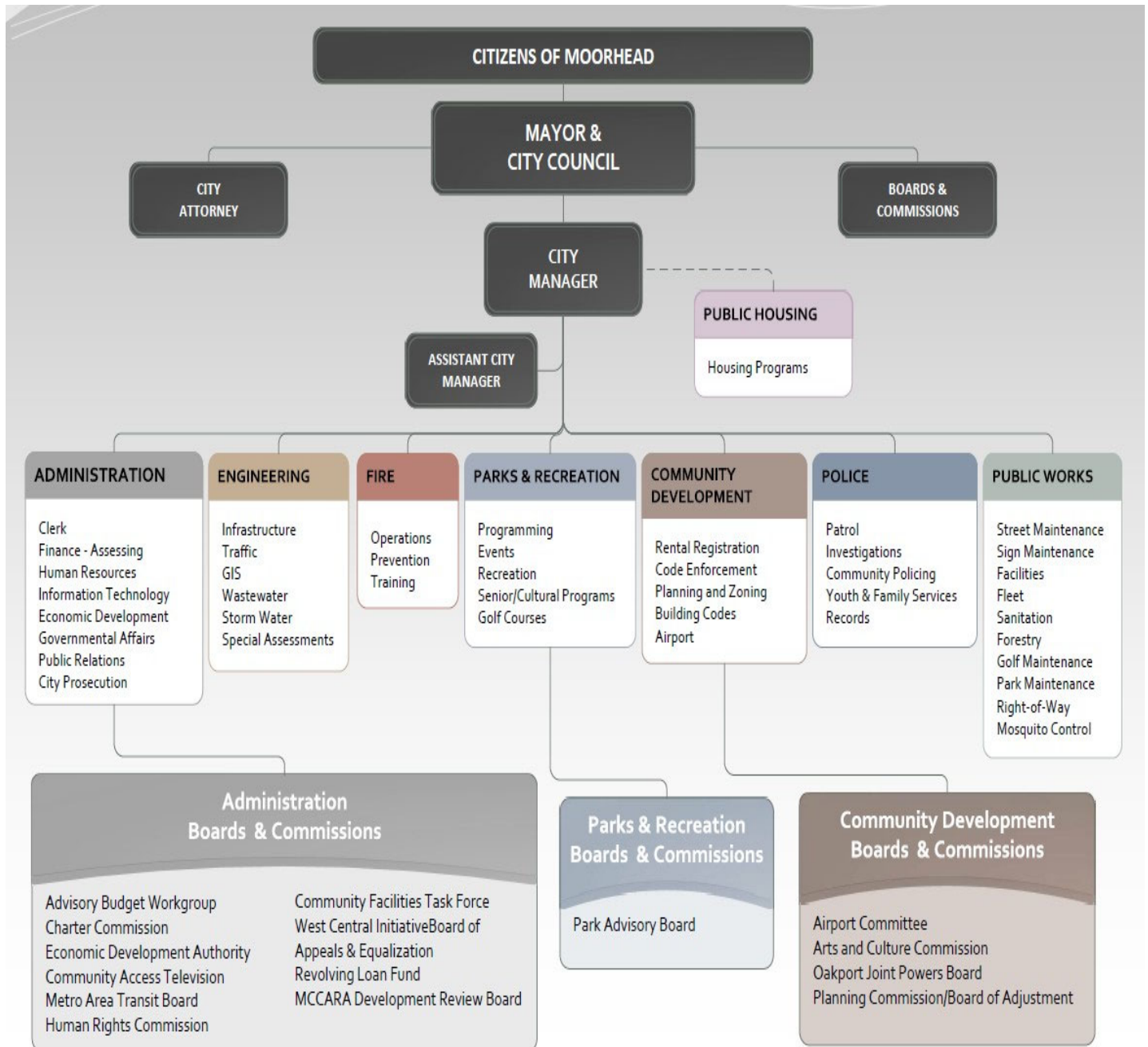


Strategic Plan and Capital Assets

The City's strategic plan addresses the CIP within the Governance and Teamwork initiative. The goal to allocate resources to maintain service levels commensurate to community needs and growth provides an objective to develop a comprehensive five-year capital improvement plan. This plan will assist with the long-term planning for maintaining and identifying future projects, related expenditures, and financing sources. The CIP will assist decision-makers, provide transparency and ensure effective management of capital assets.

ORGANIZATION CHART

The City of Moorhead is a Charter City that operates under the Council-Manager form of government. The Council is made up of the mayor and eight council members, two members elected from each of four wards. The terms of the mayor and council members are four years and one council member must be elected from each ward every two years.



INTRODUCTION

The City of Moorhead has over \$638 million invested in capital assets that will require maintenance and/or replacement throughout the life of the assets. This number includes land, buildings, facility improvements, machinery, equipment and infrastructure. These assets are recorded within the General Fund, Capital Project Funds, Special Revenue Funds and Enterprise Funds.

The Capital Improvement Plan (CIP) for the years 2022-2026 has been prepared in an attempt to anticipate major capital expenditures in advance of the year in which they will be budgeted. The CIP represents a framework for planning the preservation and expansion of infrastructure, facilities, equipment and technology while at the same time advancing towards the long-term vision. The CIP is the first step in estimating the schedule, costs and sources of revenues to pay for higher priority projects.

Planning for capital improvements requires utilization of several financing mechanisms, including cash reserves, special-purpose funding, and borrowing through bond sales. The proposed financing methods for each improvement is based on policies, jurisdictions and legal requirements. Capital improvements are based on the ability of the City to draw upon various funding sources.

The City's capital improvement plan includes improvements, purchases and construction of new capital assets or infrastructure with an estimated value of \$5,000 or greater. Projects or equipment expected to be under the \$5,000 threshold are included in the operating budget.

The preparation of a five-year plan required City staff to make material estimates about project scope, costs of labor and materials, future interest rates and other items. Many times these estimates come from staff experience, projections published in other sources, vendor estimates, or a combination of several sources. Generally, the estimates for earlier years will be more precise than later years. Actual results can differ significantly from such estimates.

In 2003, the Minnesota State Legislature adopted a statute referred to as the "CIP Act" that authorizes cities to issue general obligation bonds pursuant to a specific type of a capital improvement plan. A five-year CIP is required for the City to make use of Capital Improvement Bonds for the acquisition or betterment of public lands, building or other improvements for the purpose of a city hall, library, public safety facility and public works facility ([MN Statutes 475.521 Subd. 3](#)).

The CIP is prepared based on eight criteria, as provided in the CIP Act (§475.521), in order to standardize priorities and functions across departments

- Condition of the City's infrastructure and need for the project
- Demand for the improvement

- Cost of the improvement
- Availability of public resources
- Level of overlapping debt
- Cost/benefit of alternative uses of funds
- Operating costs of the proposed improvements
- Options for shared facilities with other cities of local governments

Capital Improvement Goals

Major goals for the CIP



Capital Improvement Plan Process

For both the CIP and the operating budget, it is the responsibility of the City Manager to gather information and develop a recommendation for the City Council to consider. The process for completing the CIP included City staff preparing capital project requests for the City Manager to review. Discussions are held to determine the feasibility and priority of the projects and match them with available funding.

Approval of the CIP by the Council does not authorize spending or initiation of a given project. It provides a guide and is not intended to provide for precise budgeting. The CIP approval by Council ratifies the perception that the plan is reasonable and within justified time frames.

Capital costs are projected as estimates. Upon each update of the CIP, deletions, additions, delays, or other revisions may occur, reflecting changing community needs, or opportunities. These changes allow for budget refinements as a particular project nears actual construction. Some initial project design of public infrastructure projects identified within the CIP often begins two years or more prior to the date of construction.

Capital improvements are improvements to land, streets, parks, utilities and buildings. In analyzing the financial viability of the capital improvements, the following methods of financing were considered:

- Special Assessments - Special assessments are based on the concept that when land is benefitted from a particular improvement, all or part of the costs of the improvement may be levied against those properties to finance such improvements
Since it often takes several years for the City to collect special assessments, the City may decide to issue bonds for cash flow purposes. For assessments using MN Statute 429 for bonding, at least 20% of the project costs must be assessed.
- Enterprise Funds - The City's enterprise funds include the Sewer, Storm Water, Sanitation, Street Light, Forestry, Pest Control, Golf Courses and Airport. Capital improvements or equipment purchased in the enterprise funds may be financed through enterprise fund revenues derived from user fees for the respective services, when available. Enterprise funds are designed for self-sustaining operations. If cash reserves are not sufficient to pay for capital projects, the City may decide to issue Enterprise Revenue Bonds or borrow internally.
- Tax Increment Financing (TIF) - Tax increment districts may be created to provide a revenue source based on incremental tax payments from increased property valuation. The City may decide to issue Tax Increment Bonds for cash flow purposes, using these TIF revenues to make payment on such debt.
- Municipal State Aid (MSA) - The Minnesota Department of Transportation (MnDOT) provides funding assistance for improvement to those municipal streets which are designated as part of its MSA system. MSA funds are generated from revenues collected from road use and gasoline taxes and allocated to the City on an annual basis. Funds are provided for improvements on those streets on the system whose design and construction meet MSA standards. MSA funds may be accumulated over several years and may be used as a source for repayment of bonds for certain MSA projects.
- Minnesota Department of Transportation - MnDOT provides financing, assistance, maintenance and improvements on those highways included in the MNDOT trunk highway system and federal interstate system. These improvements could include intersecting local or county streets.
- Grants - Federal, State, and local grant opportunities are explored whenever a project aligns with qualification guidelines for specific grant funding.

- Other Sources - Other financing sources include donations, other local government agencies, or local share contributions.

Plan Details

The City uses the Plan-It Software to compile all capital improvement projects and purchases for a five-year period. The reports included in this Plan provide summaries and detail of the capital improvements by category, department, funding sources and other relevant criteria.

Category

Categories maintained in the Capital Improvement Plan include the following:

- Buildings
- Equipment
- Infrastructure
- Land
- Parks
- Technology
- Vehicles

Department/Function

Departments/Functions (as provided in this CIP for reporting purposes) are separated in the CIP and include the following:

- Administration
- Community Development
- Engineering
- Fire Department
- Forestry
- Golf Courses
- Information Technology
- Library
- Mass Transit
- Municipal Airport
- Parks and Recreation
- Planning
- Police Department
- Public Works
- Right of Way
- Sanitation
- Stormwater
- Wastewater

Other Criteria

The CIP software maintains additional criteria to be used when managing the improvements.

These additional criteria include:

- Priority
- Funding Sources
- Status
- Employee Contact
- Expenditure Choices
- Budget Items
- Customizable Fields

Photos

Pictures of capital items and projects may be included in the CIP. Maps of street improvement projects are provided to provide visual detail for management.

SUMMARY BY DEPARTMENT

City of Moorhead, Minnesota
Capital Improvement Plan
2022 thru 2026

DEPARTMENT SUMMARY

Department	2022	2023	2024	2025	2026	Total
Administration			74,874	80,875		155,749
Community Development	50,000	50,000	50,000	74,917	50,000	274,917
Engineering	12,222,158	13,065,397	10,520,000	9,375,000	9,640,000	54,822,555
Fire Department	70,555	291,190	106,830	113,959	400,000	982,534
Forestry	65,000	37,500	103,187	37,500		243,187
Golf Courses	493,703	381,926	423,580	553,592	15,000	1,867,801
Information Technology	253,723	138,500				392,223
Mass Transit	545,893	883,427	288,180	371,844	792,967	2,882,311
Municipal Airport	194,706	100,000	705,237	53,723	400,000	1,453,666
Parks and Recreation	542,054	1,895,709	1,764,132	1,034,780	2,760,000	7,996,675
Police Department	517,573	921,384	132,810	192,706	72,040	1,836,513
Public Works	300,000	2,853,257	356,076	613,685		4,123,018
Right Of Way	6,000	218,519	156,968	90,178		471,665
Sanitation	1,045,977	1,398,557	313,794	393,374		3,151,702
Stormwater	100,000	180,056	625,766	553,433	150,000	1,609,255
Wastewater	930,487	1,378,104	1,442,409	1,201,049	678,000	5,630,049
TOTAL	17,337,829	23,793,526	17,063,843	14,740,615	14,958,007	87,893,820

DEPARTMENTS EXPENDITURES BY FUNDING SOURCE

City of Moorhead, Minnesota

Capital Improvement Plan

2022 thru 2026

DEPARTMENT EXPENDITURES BY FUNDING SOURCE

Source	2022	2023	2024	2025	2026	Total
Assistance to Firefighters Grant						
Fire Department			27,600			27,600
Assistance to Firefighters Grant Total			27,600			27,600
Bond Proceeds						
Engineering	3,779,126	6,281,000	3,263,000	4,797,000	6,609,000	24,729,126
Bond Proceeds Total	3,779,126	6,281,000	3,263,000	4,797,000	6,609,000	24,729,126
Capital Improvement Fund						
Community Development	50,000	50,000	50,000	50,000	50,000	250,000
Engineering	696,233	25,000	25,000	15,000	40,000	801,233
Fire Department	22,300	209,975	79,230	28,600	400,000	740,105
Golf Courses	110,500	95,000	108,510	60,500	15,000	389,510
Mass Transit	150,000	150,000	150,000	150,000	150,000	750,000
Municipal Airport	95,000	100,000	125,000	53,723	20,000	393,723
Parks and Recreation	450,000	1,607,500	1,555,345	983,500	2,760,000	7,356,345
Police Department		76,000	72,040	72,040	72,040	292,120
Public Works	50,000	1,255,750	312,800	552,960		2,171,510
Capital Improvement Fund Total	1,624,033	3,569,225	2,477,925	1,966,323	3,507,040	13,144,546
City of Dilworth						
Engineering			270,500	230,000		500,500
Mass Transit	50,000					50,000
City of Dilworth Total	50,000		270,500	230,000		550,500
Federal Grant						
Engineering		807,600	1,818,000			2,625,600
Mass Transit	342,293	733,427	138,180	221,844	642,967	2,078,711
Municipal Airport					360,000	360,000
Federal Grant Total	342,293	1,541,027	1,956,180	221,844	1,002,967	5,064,311
Forestry Fund						
Forestry		37,500	37,500	37,500		112,500
Forestry Fund Total		37,500	37,500	37,500		112,500
Information Technology Fund						
Information Technology	223,000	138,500				361,500
Information Technology Fund Total	223,000	138,500				361,500
MnDOT						
Municipal Airport	70,000		475,000		20,000	565,000

Source	2022	2023	2024	2025	2026	Total
MnDOT Total	70,000		475,000		20,000	565,000
Municipal State Aid (MSA) Construct						
Engineering	3,027,765	1,042,400	3,611,500	2,170,000		9,851,665
Municipal State Aid (MSA) Construction Total	3,027,765	1,042,400	3,611,500	2,170,000		9,851,665
Municipal State Aid (MSA) Maintena						
Engineering	325,000	250,000				575,000
Municipal State Aid (MSA) Maintenance Total	325,000	250,000				575,000
Radio/Weapon Fund						
Police Department	322,000	354,495		47,882		724,377
Radio/Weapon Fund Total	322,000	354,495		47,882		724,377
Special Assessments						
Engineering	2,283,109	2,629,000	1,532,000	2,163,000	2,991,000	11,598,109
Special Assessments Total	2,283,109	2,629,000	1,532,000	2,163,000	2,991,000	11,598,109
State Grant						
Engineering	1,910,925	2,000,000				3,910,925
Mass Transit	3,600					3,600
State Grant Total	1,914,525	2,000,000				3,914,525
Storm Sewer Fund						
Stormwater	100,000	125,000	625,766	494,861	150,000	1,495,627
Storm Sewer Fund Total	100,000	125,000	625,766	494,861	150,000	1,495,627
Street Light Fund						
Engineering	200,000					200,000
Street Light Fund Total	200,000					200,000
Vehicle Replacement Fund						
Administration			74,811	80,875		155,686
Community Development				24,917		24,917
Engineering		30,397				30,397
Fire Department	48,255	81,215		85,359		214,829
Forestry	65,000		65,687			130,687
Golf Courses	383,203	286,926	315,070	493,092		1,478,291
Information Technology	30,723					30,723
Municipal Airport	29,706		105,237			134,943
Parks and Recreation	92,054	288,209	208,787	51,280		640,330
Police Department	195,573	490,889	60,770	72,784		820,016
Public Works	250,000	1,597,507	43,276	60,725		1,951,508
Right Of Way	6,000	218,519	156,968	90,178		471,665
Sanitation	1,045,977	1,398,557	313,794	393,374		3,151,702
Stormwater		55,056		58,572		113,628
Wastewater	156,887	166,854	367,409	337,299		1,028,449
Vehicle Replacement Fund Total	2,303,378	4,614,129	1,711,809	1,748,455		10,377,771
Wastewater Fund						

Source	2022	2023	2024	2025	2026	Total
Wastewater	773,600	1,211,250	1,075,000	863,750	678,000	4,601,600
Wastewater Fund Total	773,600	1,211,250	1,075,000	863,750	678,000	4,601,600
GRAND TOTAL	17,337,829	23,793,526	17,063,780	14,740,615	14,958,007	87,893,757

PROJECTS & FUNDING SOURCES BY DEPARTMENT

City of Moorhead, Minnesota

Capital Improvement Plan

2022 thru 2026

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Administration								
Replace Unit 104AD Chevrolet Malibu (Admin Rental)	ADM 24-01	n/a			25,000			25,000
Replace Unit 105AD Chevrolet Malibu (Admin Rental)	ADM 24-02	n/a			24,937			24,937
Replace Unit 101AD Chevrolet Traverse AWD	ADM 25-01	n/a				31,041		31,041
Replace Unit 109AD Chevrolet Malibu	ASES 24-01	n/a			24,937			24,937
Replace Unit 108AS Chevrolet Malibu	ASES 25-01	n/a				24,917		24,917
Replace Unit 924CA Chevrolet Malibu	CODE 25-01	n/a				24,917		24,917
Administration Total					74,874	80,875		155,749
Vehicle Replacement Fund					74,811	80,875		155,686
Administration Total					74,811	80,875		155,686
Community Development								
River Corridor Projects	CD 22-01	n/a	50,000	50,000	50,000	50,000	50,000	250,000
Replace Unit 102NS Chevrolet Malibu	PNS 25-01	n/a				24,917		24,917
Community Development Total			50,000	50,000	50,000	74,917	50,000	274,917
Capital Improvement Fund			50,000	50,000	50,000	50,000	50,000	250,000
Vehicle Replacement Fund						24,917		24,917
Community Development Total			50,000	50,000	50,000	74,917	50,000	274,917
Engineering								
Miscellaneous Concrete Improvements	CONCRETE	n/a	30,000	30,000	30,000	30,000	30,000	150,000
Center Ave Improvements	ENG 19-A2-2a	2	5,185,000					5,185,000
Center Ave Landscaping/Amenities	ENG 19-A2-2c	n/a	285,000					285,000
Center Ave Lighting/ System Deficiencies	ENG 19-A2-2d	n/a	200,000					200,000
Mid Town Trail	ENG 20-13-01	n/a	937,158					937,158
Final Wearing Course Overlays	ENG 21-A2-5b	n/a	335,000					335,000
Traffic Signal at 34 St & 28 Ave S	ENG 22-13-01	n/a	750,000					750,000
13th St N, 13-1/2 St N and 10th & 13th Ave N	ENG 22-A2-01	n/a	1,030,000					1,030,000
11th St S (2nd - 6th Ave S) Street Improvements	ENG 22-A2-02	n/a	910,000					910,000
Elm St & River Dr S Area Street Improvements	ENG 22-A2-04	n/a	1,240,000					1,240,000
MCCARA 1st & 2nd Addition Street Improvements	ENG 22-A2-05	n/a	860,000					860,000
7th & 8th St, Center Ave to 1st Ave N Street	ENG 22-A2-06	n/a	250,000					250,000
3rd St Sidewalk	ENG 22-A7-01	n/a	100,000					100,000
Final Wear Course - Hampton 3rd	ENG 23-A	n/a		100,000				100,000
19-1/2 St S (12-16th Ave) & 18th Ave S(18-20th St)	ENG 23-B	n/a		230,000				230,000

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
8th St N, 10th St N, 10-1/2 St N & 13th Ave N	ENG 23-C	n/a		360,000				360,000
South Crystal Creek	ENG 23-D	n/a		310,000				310,000
2nd Ave N & 2nd Ave S(11th St Undrps Utlty Reloc)	ENG 23-E	n/a		3,200,000				3,200,000
34th St S (12th Ave-24th Ave S)	ENG 23-F	n/a		2,100,000				2,100,000
14th St S and Andrew Swensons Add	ENG 23-G	n/a		620,000				620,000
17th St N (1st-15th Ave) and 2nd Ave N & 4th Ave N	ENG 23-H	n/a		3,710,000				3,710,000
Country Heritage	ENG 23-I	n/a		1,070,000				1,070,000
6th St S and 18th & 20th Ave S	ENG 23-J	n/a		1,280,000				1,280,000
Final Wear Course - Preserve, Vill Grn & Jnsn Farm	ENG 24-A	n/a			125,000			125,000
14th St N and 6th Ave N	ENG 24-B	n/a			1,930,000			1,930,000
2nd Ave N, 4th Ave N and 30th St N	ENG 24-C	n/a			640,000			640,000
3rd Ave S and Dudrey Court	ENG 24-D	n/a			1,160,000			1,160,000
34th St from 4th Av S to 15th Av N	ENG 24-E	n/a			2,900,000			2,900,000
4th Ave S and 6th St S	ENG 24-F	n/a			910,000			910,000
11th St Underpass Project (City share)	ENG 24-G	n/a			2,800,000			2,800,000
Village Green Boulevard (28th St to Westmoor)	ENG 25-A	n/a				3,180,000		3,180,000
Westmoor Area	ENG 25-B	n/a				570,000		570,000
12th Ave S (Ditch 47 to 34th St)	ENG 25-C	n/a				1,330,000		1,330,000
1st Ave N (8th-10th & 12th-21st)	ENG 25-D	n/a				2,170,000		2,170,000
14th St S (35th - 40th Ave S)	ENG 25-E	n/a				540,000		540,000
Kingsford Addition Area	ENG 25-F	n/a				610,000		610,000
34th St from 3rd Ave N to 28th Ave N	ENG 25-G	n/a				930,000		930,000
28th St N (8th Ave - 15th Ave)	ENG 26-A	n/a					520,000	520,000
40th Ave S (8th - 28th St S)	ENG 26-B	n/a					3,200,000	3,200,000
46th Ave S & River Haven Road	ENG 26-C	n/a					1,220,000	1,220,000
Belsly Blvd (14th - 17th St)	ENG 26-D	n/a					180,000	180,000
Crystal Creek	ENG 26-E	n/a					310,000	310,000
Final Wearing Course	ENG 26-F	n/a					150,000	150,000
14th St S, 16th St S & 17th St S	ENG 26-G	n/a					2,970,000	2,970,000
2nd & 3rd Ave S and 6th St S	ENG 26-H	n/a					1,020,000	1,020,000
S7 Robotic Total Station	ENGR 22-01	n/a	35,000					35,000
Traffic Management System	ENGR 22-02	n/a	75,000					75,000
Replace Unit 5 Dodge Ram 1/2 Ton Pickup	ENGR 23-01	n/a		30,397				30,397
R12 GPS Head	ENGR 23-02	n/a		25,000				25,000
R12 GPS Head	ENGR 24-01	n/a			25,000			25,000
Polaris Ranger 570 UTV	ENGR 25-01	n/a				15,000		15,000
Replace S6 Robotic Total Station & Data Collector	ENGR 26-01	n/a					40,000	40,000
Engineering Total			12,222,158	13,065,397	10,520,000	9,375,000	9,640,000	54,822,555

Bond Proceeds	3,779,126	6,281,000	3,263,000	4,797,000	6,609,000	24,729,126
Capital Improvement Fund	696,233	25,000	25,000	15,000	40,000	801,233
City of Dilworth			270,500	230,000		500,500
Federal Grant		807,600	1,818,000			2,625,600
Municipal State Aid (MSA) Construction	3,027,765	1,042,400	3,611,500	2,170,000		9,851,665
Municipal State Aid (MSA) Maintenance	325,000	250,000				575,000
Special Assessments	2,283,109	2,629,000	1,532,000	2,163,000	2,991,000	11,598,109
State Grant	1,910,925	2,000,000				3,910,925
Street Light Fund	200,000					200,000

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund				30,397				30,397
Engineering Total			12,222,158	13,065,397	10,520,000	9,375,000	9,640,000	54,822,555

Fire Department

Fire Station #2 - Land to relocate station	FIR2 26-01	n/a					400,000	400,000
Mobile Eyes Software: Fire Prevention	FIRE 22-01	n/a	15,000					15,000
Salamander Software: Emergency Management	FIRE 22-02	n/a	7,300					7,300
Modular Fire Training Facility	FIRE 23-01	n/a		40,000				40,000
Inflatable Ice Water Rescue Craft	FIRE 24-01	n/a			5,200			5,200
SCBA Compressor	FIRE 24-02	n/a			36,000			36,000
Replace station signage and message board	FIRE 24-03	n/a			20,000			20,000
Replace Unit 916 Ford F250 4x4 Crew Cab	FPRE 23-01	n/a		45,184				45,184
Replace Unit 910 Chevy Suburban	FPRO 22-01	n/a	48,255					48,255
Replace Unit 460 Skid Steer Loader/Angle Broom	FPRO 23-01	n/a		18,187				18,187
Replace Unit 913 John Deere Tractor Mower	FPRO 23-02	n/a		17,844				17,844
Replace Unit 905-13 Ford Taurus Sel AWD	FPRO 25-01	n/a				35,692		35,692
Replace Unit 906 Haulmark Transport Trailer	FPRO 25-02	n/a				5,798		5,798
Replace Unit 915 Haulmark Tsv6x12 Ds2	FPRO 25-03	n/a				4,175		4,175
Replace Unit 900 Ford Explorer 4 Wheel Drive	FTRN 25-01	n/a				39,694		39,694
Fire Station #1 Replace Boiler and HVAC	PWF 23-01	n/a		47,775				47,775
Fire Station #1 Roof Replacement	PWF 23-03	n/a		96,200				96,200
Fire Station #1 Annex Remodel	PWF 23-11	n/a		26,000				26,000
Fire Station #2 Remodel Bathroom and Showers	PWF 24-07	n/a			45,630			45,630
Fire Station #2 Replace Flooring- Carpeting	PWF 25-03	n/a				28,600		28,600
Fire Department Total			70,555	291,190	106,830	113,959	400,000	982,534

Assistance to Firefighters Grant					27,600			27,600
Capital Improvement Fund			22,300	209,975	79,230	28,600	400,000	740,105
Vehicle Replacement Fund			48,255	81,215		85,359		214,829
Fire Department Total			70,555	291,190	106,830	113,959	400,000	982,534

Forestry

EAB Removal Tree Replacement	FORS 21-02	n/a		37,500	37,500	37,500		112,500
Replace Unit 283FO Brush Chipper	FORS 22-02	n/a	65,000					65,000
Replace Unit 284FO Vermeer Brush Chipper	FORS 24-01	n/a			65,687			65,687
Forestry Total			65,000	37,500	103,187	37,500		243,187

Forestry Fund				37,500	37,500	37,500		112,500
Vehicle Replacement Fund			65,000		65,687			130,687
Forestry Total			65,000	37,500	103,187	37,500		243,187

Golf Courses

Greens Cover Replacement	MDMT 00-01	n/a	9,000	10,000	10,000	10,000		39,000
Replace Irrigation Pumps	MDMT 21-01	n/a	27,500					27,500
Greens Rollers	MDMT 21-05	n/a	25,000					25,000

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Shop Pressure Washer	MDMT 21-06	n/a	6,000					6,000
Replace Unit 735 Toro Groundsmaster	MDMT 22-01	n/a	62,636					62,636
Spare Set of Greens Mower Reels	MDMT 22-03	n/a	10,000					10,000
Replace Unit 700 GMC Sierra 1500 1/2 ton	MDMT 23-01	n/a		19,598				19,598
Replace Unit 717 Jacobsen Fairway Mower	MDMT 23-02	n/a		30,291				30,291
Replace Unit 724MM Toro Goundsmaster 4100-D	MDMT 23-03	n/a		63,020				63,020
Replace Unit 729 Lely Fertilizer Spreader	MDMT 23-04	n/a		5,817				5,817
Replace Unit 743 John Deere 5303	MDMT 23-05	n/a		29,960				29,960
Bedknife Grinder - to replace 1999 unit	MDMT 23-07	n/a		25,000				25,000
Greens Mower Reels	MDMT 23-08	n/a		10,000				10,000
Replace Unit 701 Jacobsen HD Utility Vehicle	MDMT 24-01	n/a			18,285			18,285
Replace Unit 702 Jacobsen HD Utility Vehicle	MDMT 24-02	n/a			19,504			19,504
Replace Unit 705 EZ Go Cushman Light Duty Hauler	MDMT 24-03	n/a			7,703			7,703
Replace Unit 706 EZ Go Cushman Light Duty Hauler	MDMT 24-04	n/a			7,703			7,703
Replace Unit 707 EZ Go Cushman Light Duty Hauler	MDMT 24-05	n/a			7,703			7,703
Replace Unit 710 Toro Greens Mower	MDMT 24-06	n/a			38,709			38,709
Replace Unit 711 Toro Greens Mower	MDMT 24-07	n/a			38,709			38,709
Replace Unit 715MM Toro Greensmaster 3150	MDMT 24-08	n/a			33,621			33,621
Replace Unit 727 Jacobsen Fairway Mower	MDMT 24-09	n/a			52,835			52,835
Replace Unit 704MM Toro Workman Utility Vehicle	MDMT 25-01	n/a				23,682		23,682
Replace Unit 760 EZ Go Cushman Hauler	MDWS 22-01	n/a	10,975					10,975
Replace Counter Tops/check in area/bar	MDWS 22-02	n/a	10,000					10,000
Replace Patio Furniture	MDWS 22-03	n/a	10,000					10,000
Replace Yamaha Drive Gas Golfcarts	MDWS 22-04	n/a	110,439					110,439
Replace Yamaha Golf Carts YDRAX3	MDWS 25-01	n/a				73,083		73,083
Replace Unit 757MP Cushman Beverage Cart	MDWS 25-02	n/a				9,746		9,746
Village Green Water Heater	PWF 23-05	n/a		5,000				5,000
Village Green Fire Protection Panel	PWF 24-04	n/a			68,510			68,510
Village Green Renovate Bathrooms	PWF 25-04	n/a				32,500		32,500
Greens Cover Replacement	VGMT 00-01	n/a	7,000	7,000	7,000			21,000
Trees	VGMT 00-02	n/a		3,000	3,000	3,000		9,000
Asphalt	VGMT 00-03	n/a		20,000	15,000	15,000	15,000	65,000
Irrigation Head Replacement	VGMT 00-04	n/a	6,000					6,000
Irrigation Pump Rebuild	VGMT 00-05	n/a		5,000	5,000			10,000
Replace Unit 628 Toro Sand Pro 5040	VGMT 22-01	n/a	24,676					24,676
Replace Unit 640 Cushman Truckster Heavy	VGMT 22-02	n/a	25,384					25,384
Replace Yamaha Drive Gas Golfcarts	VGMT 22-03	n/a	149,093					149,093
Replace Unit 618 John Deere Tractor/Loader	VGMT 23-01	n/a		30,254				30,254
Replace Unit 647 Jacobsen Lightweight Fairway	VGMT 23-02	n/a		52,835				52,835
Replace Unit 660 Aluma Ltd 2 Wheel Trailer	VGMT 23-03	n/a		3,543				3,543
Replace Unit 610 Cushman Utility Vehicle	VGMT 24-01	n/a			26,601			26,601
Replace Unit 631 Toro Goundsmaster 4100-D	VGMT 24-02	n/a			63,697			63,697
Repace Unit 609VM Cushman Truckster	VGMT 25-01	n/a				19,949		19,949
Repace Unit 611VM Cushman Sprayer	VGMT 25-02	n/a				38,862		38,862
Repace Unit 612VM Cushman Hauler Pro 72	VGMT 25-03	n/a				9,630		9,630
Repace Unit 613VM Cushman Hauler Pro 72	VGMT 25-04	n/a				10,240		10,240
Replace Unit 619VM Toro Greensmaster GR-3150	VGMT 25-05	n/a				40,958		40,958
Replace Unit 620VM Toro Greensmaster GR-3150	VGMT 25-06	n/a				40,958		40,958

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Replace Unit 623VM Toro Greensmaster GR-3150	VGMT 25-07	n/a				24,787		24,787
Replace Unit 625VM Toro Sand Pro Groomer	VGMT 25-08	n/a				23,566		23,566
Replace Unit 626VM Toro Groundsmaster 3500-D	VGMT 25-09	n/a				34,775		34,775
Replace Unit 642VM Toro Groundsmaster 4100-D	VGMT 25-10	n/a				67,004		67,004
Replace Unit 644VM Lely Fertilizer Spreader	VGMT 25-11	n/a				5,364		5,364
Replace Unit 633VM Turfco Top Dresser	VGMT 25-12	n/a				13,560		13,560
Replace Yamaha Drive Gas Golfcarts	VLG 23-01	n/a		51,608				51,608
Replace Patio Furniture	VLG 23-02	n/a		10,000				10,000
Replace Yamaha Golf Carts YDRAL1	VLG 25-01	n/a				47,487		47,487
Replace Unit 657VP Cushman Beverage Cart	VLG 25-02	n/a				9,441		9,441
Golf Courses Total			493,703	381,926	423,580	553,592	15,000	1,867,801

Capital Improvement Fund			110,500	95,000	108,510	60,500	15,000	389,510
Vehicle Replacement Fund			383,203	286,926	315,070	493,092		1,478,291
Golf Courses Total			493,703	381,926	423,580	553,592	15,000	1,867,801

Information Technology								
Replace Unit 107CR Chevrolet Express Van	IT 22-01	n/a	30,723					30,723
Network Switches	IT 22-02	n/a	45,000					45,000
Database Management System	IT 22-03	n/a	55,000					55,000
Infrastructure Monitoring Server	IT 22-04	n/a	25,000					25,000
Firewall - LEC CJDN Segmentation	IT 22-05	n/a	25,000					25,000
Firewall - City Hall	IT 22-06	n/a	35,000					35,000
Video Storage Server Impound Lot	IT 22-07	n/a	8,000					8,000
Watchguard Server	IT 22-08	n/a	30,000					30,000
KVM - IT Workbench	IT 23-01	n/a		7,500				7,500
Server Replacement	IT Servers	2		56,000				56,000
Storage Improvement	IT Storage	3		75,000				75,000
Information Technology Total			253,723	138,500				392,223

Information Technology Fund			223,000	138,500				361,500
Vehicle Replacement Fund			30,723					30,723
Information Technology Total			253,723	138,500				392,223

Mass Transit								
Shelter - Replace Annually	MT 00-01	n/a	75,000	33,000	45,600	34,490	36,000	224,090
Senior Unit #5221 Replaces Unit #5181	MT 22-01	n/a	36,000					36,000
Facility Improvements (1/3 Mhd Cost) (2022-2024)	MT 22-03	n/a	66,866	214,134	2,000			283,000
Dilworth Walmart Transit Hub - Construction	MT 22-04	n/a	250,000					250,000
Para Replace Unit #7181	MT 23-01	n/a		96,000				96,000
Senior Unit #5231 Replaces Unit #5191	MT 23-02	n/a		36,000				36,000
Senior Unit #5232 Replaces Unit #5192	MT 23-03	n/a		36,000				36,000
Senior Unit #5233 Replaces Unit #5193	MT 23-04	n/a		36,000				36,000
Tap Ride - New Expansion Vehicle	MT 23-05	n/a		100,000				100,000
Replace Tool Cat	MT 23-06	n/a		27,900				27,900
Replace 2012 AVA Technology (1/2 Share Mhd)	MT 23-07	n/a		300,000				300,000

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Technology - Replace 2010 Para Scheduling Software	MT 23-08	n/a		25,000				25,000
Para Replaces Unit #7191	MT 24-01	n/a			98,000			98,000
Replace PEM at MTG Technology (100% Mhd)	MT 24-03	n/a			21,000			21,000
Para Replaces Unit #7211	MT 25-01	n/a				101,000		101,000
Para Replaces Unit #7212	MT 25-02	n/a				101,000		101,000
TDP Consultant (5 year)	MT 25-03	n/a				11,495		11,495
Facility Improvements (1/3 Mhd Cost) (2025-2026)	MT 25-04	n/a				28,190	11,333	39,523
Fixed Route Expansion bus	MT 26-01	n/a					609,000	609,000
Technology - replace cameras, radios, etc.	MT 26-02	n/a					70,000	70,000
Senior Unit #5261 Replaces Unit #5221	MT 26-03	n/a					37,000	37,000
Mass Transit Reserve	MT RESV	n/a	118,027	-20,607	121,580	95,669	29,634	344,303
Mass Transit Total			545,893	883,427	288,180	371,844	792,967	2,882,311

Capital Improvement Fund			150,000	150,000	150,000	150,000	150,000	750,000
City of Dilworth			50,000					50,000
Federal Grant			342,293	733,427	138,180	221,844	642,967	2,078,711
State Grant			3,600					3,600
Mass Transit Total			545,893	883,427	288,180	371,844	792,967	2,882,311

Municipal Airport								
AWOS Replacement	MAIR 22-01	n/a	100,000					100,000
Aeronautical Zoning Easements	MAIR 22-02	n/a	65,000	100,000	100,000			265,000
Replace Unit 101 Dodge Grand Caravan	MAIR 22-04	n/a	29,706					29,706
Replace Unit 160 Snowblower w/Arctic Kit	MAIR 24-01	n/a			105,237			105,237
New Taxilane and Vehicle Access Road	MAIR 24-02	n/a			500,000			500,000
Pavement Maint & Parking Lot Repairs/Expansion	MAIR 26-01	n/a					400,000	400,000
Airport Mtce HVAC -Pilots Lounge & Office	PWF 25-02	n/a				15,600		15,600
Airport Mtce Exterior Lighting	PWF 25-07	n/a				38,123		38,123
Municipal Airport Total			194,706	100,000	705,237	53,723	400,000	1,453,666

Capital Improvement Fund			95,000	100,000	125,000	53,723	20,000	393,723
Federal Grant							360,000	360,000
MnDOT			70,000		475,000		20,000	565,000
Vehicle Replacement Fund			29,706		105,237			134,943
Municipal Airport Total			194,706	100,000	705,237	53,723	400,000	1,453,666

Parks and Recreation								
Upgrades to 1998 VAV	HHIC 22-01	n/a	75,000					75,000
Stain the Stave Church	HHIC 23-01	n/a		20,000				20,000
Color Changing Lights	HHIC 23-02	n/a		50,000				50,000
Replace Unit 110 John Deere Mower	HHIC 24-01	n/a			8,990			8,990
Carpet in level 3,4, and gift shop	HHIC 26-01	n/a					80,000	80,000
AV upgrades/Lighting indoor meeting rooms to LED	HHIC 26-02	n/a					100,000	100,000
Replace Unit 145 Ford Econoline E150	PARK 23-01	n/a		23,203				23,203
Replace Unit 448 Portable Stage	PARK 23-02	n/a			148,595			148,595
Park Amenities	PMTC 00-01	n/a	250,000	250,000	250,000	250,000	250,000	1,250,000

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Pull Behind Fertilizer Spreader - Athletic Fields	PMTC 21-07	n/a		6,500				6,500
Replace Unit 275 Turfco Edge R Rite Edger	PMTC 22-03	n/a	2,754					2,754
Replace Unit 434 Jacobsen HR-9016	PMTC 22-05	n/a	83,300					83,300
3 Point Mower for JD Tractor for Centennial	PMTC 22-11	n/a		5,000				5,000
Replace Unit 494PM-21 Bobcat Toolcat 5610	PMTC 22-13	n/a	6,000					6,000
Replace Unit 457PM Toro Groundsmaster 4100-D	PMTC 23-01	n/a		69,276				69,276
Replace Unit 466PM Toro Pro 5000	PMTC 23-02	n/a		10,587				10,587
Replace Unit 470 John Deere Tractor Loader	PMTC 23-03	n/a		29,843				29,843
Replace Unit 495 New Holland Utility	PMTC 23-04	n/a		41,237				41,237
Expand Parking Lot at Village Green Park	PMTC 23-05	n/a			40,000			40,000
Rear Discharge Mower (Ventrac)	PMTC 23-06	n/a		3,000				3,000
3 Point Hole Digger	PMTC 23-07	n/a		3,000				3,000
Replace Unit 246 Ford F150 4x2	PMTC 23-08	n/a		18,637				18,637
Replace Unit 247 Ford F150 4x2	PMTC 23-09	n/a		19,062				19,062
Replace Unit 443 John Deere Turf Mower	PMTC 23-10	n/a		12,409				12,409
Replace Unit 451 Toro GM 4100-D Mower	PMTC 23-11	n/a		61,957				61,957
Replace Unit 475 PJ Two Wheeled Trailer	PMTC 23-12	n/a		1,998				1,998
Replace Unit 252 Ford F250 3/4 ton 4x2 Crew Cab	PMTC 24-01	n/a			30,995			30,995
Replace Unit 263 Ford F350 1 ton	PMTC 24-02	n/a			32,847			32,847
Replace Unit 437PM Park Mower	PMTC 24-03	n/a			10,414			10,414
Replace Unit 458 John Deere Payloader	PMTC 24-04	n/a			125,541			125,541
Replace Unit 442PM Field Lazer	PMTC 25-01	n/a				2,668		2,668
Replace Unit 463PM Toro Z Master Mower	PMTC 25-02	n/a				10,550		10,550
Replace Unit 483PM Cushman Sprayer	PMTC 25-03	n/a				33,716		33,716
Replace Unit 492PM Field Lazer	PMTC 25-04	n/a				2,668		2,668
Replace Unit 498 John Deere Snowblower	PMTC 25-05	n/a				1,678		1,678
3 Point Seeder - Athletic Fields	PMTC 25-06	n/a				3,500		3,500
HHIC Replace EPDM Roof with TPO	PWF 22-01	n/a			214,500			214,500
HHIC Upgrade Fire Protection System	PWF 22-04	n/a			58,500			58,500
Playground Replacement Fund	PWF 22-05	n/a	60,000	80,000	80,000	80,000	80,000	380,000
HHIC Review Domestic & Sewer Pipes on old side	PWF 22-06	n/a	40,000					40,000
Romkey-NRC Renovation	PWF 22-11	n/a	25,000					25,000
Village Green 6th- add lights to trail	PWF 23-08	n/a			65,000			65,000
Allyson - Add picnic shelter	PWF 23-10	n/a			50,000			50,000
Northeast - Replace Picnic Shelter	PWF 23-13	n/a		50,000				50,000
Romkey - Reimagine Romkey	PWF 23-14	n/a		300,000				300,000
Southside Reg Park-add 60 parking spaces & lightin	PWF 23-15	n/a		300,000				300,000
Stonemill-Add NRC & fire hydrant to flood rink	PWF 23-16	n/a		410,000				410,000
Alm-Repurpose Tennis Court to Pickleball	PWF 23-17	n/a		30,000				30,000
Riverview Estates-Repair Tennis Court 4 Pickleball	PWF 23-18	n/a		30,000				30,000
Johnson Farms-Picnic Shelter/Soccer Nets/Sledding	PWF 23-19	n/a		70,000				70,000
HHIC Fire Pumps	PWF 24-05	n/a			48,750			48,750
Southside Regional Park-add Large Picnic Shelter	PWF 24-08	n/a			600,000			600,000
Matson Field - Install Grandstand	PWF 24-09	n/a				600,000		600,000
Hampton - Add Picnic Shelter	PWF 25-09	n/a				50,000		50,000
Southside Reg Park-Field turf,bleachers, lighting	PWF 26-02	n/a					1,500,000	1,500,000
Southside Reg Park-Field lighting for 5 fields	PWF 26-03	n/a					750,000	750,000

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Parks and Recreation Total			542,054	1,895,709	1,764,132	1,034,780	2,760,000	7,996,675
<i>Capital Improvement Fund</i>			450,000	1,607,500	1,555,345	983,500	2,760,000	7,356,345
<i>Vehicle Replacement Fund</i>			92,054	288,209	208,787	51,280		640,330
Parks and Recreation Total			542,054	1,895,709	1,764,132	1,034,780	2,760,000	7,996,675

Police Department			2022	2023	2024	2025	2026	Total
Bodyworn Cameras (50)	PD 22-01	n/a	300,000					300,000
Invest Analytical Software for Cell phone records	PD 23-01	n/a		6,000	2,040	2,040	2,040	12,120
Replace Unit 40 GMC Sierra 1500 4WD Double Cab	PDAC 24-01	n/a			30,385			30,385
Replace Unit 43 GMC Sierra 1500 4WD Double Cab	PDAC 24-02	n/a			30,385			30,385
Replace Unit 55 Police Chief Ford Explorer	PDAD 22-01	n/a	29,724					29,724
Replace Unit 54 Dodge Durango AWD	PDIN 22-02	n/a	29,724					29,724
Replace Unit 49 Ford Taurus SEL AWD	PDIN 23-01	n/a		32,785				32,785
Replace Unit 65 Ford Taurus SEL	PDIN 23-02	n/a		27,470				27,470
Replace Unit 57-17 Dodge Durango	PDIN 25-01	n/a				34,509		34,509
Replace Unit 35 Patrol	PDPA 22-01	n/a	30,857					30,857
Replace Unit 17 Ford Interceptor SUV	PDPA 22-08	n/a	30,857					30,857
Replace Unit 19-16 Ford Interceptor SUV	PDPA 22-09	n/a	30,857					30,857
New - F450 (shared asset with SWAT)	PDPA 22-10	n/a	12,500					12,500
Replace Unit 14-17 Police Patrol 14-17	PDPA 23-01	n/a		32,685				32,685
Replace Unit 23-17 Unmarked Partol Car	PDPA 23-02	n/a		34,521				34,521
Replace Unit 29-17 Police Patrol	PDPA 23-03	n/a		32,682				32,682
Replace Unit 37-17 Police Patrol	PDPA 23-04	n/a		34,521				34,521
Replace Unit 15 Ford Interceptor Unmarked SUV	PDPA 23-05	n/a		33,573				33,573
Replace Unit 31-18 Ford Interceptor SUV	PDPA 23-06	n/a		38,202				38,202
Replace Unit 32-18 Ford Interceptor SUV	PDPA 23-07	n/a		42,117				42,117
Replace Unit 33-16 Ford Interceptor SUV	PDPA 23-08	n/a		69,000				69,000
Replace Unit 34-16 Ford Interceptor SUV	PDPA 23-09	n/a		56,000				56,000
Replace Unit 38-18 Ford Interceptor SUV	PDPA 23-10	n/a		44,833				44,833
Replace Unit 59 International Durastar 4300	PDPA 23-11	n/a		12,500				12,500
Replace Unit 18-19 Ford Interceptor SUV	PDPA 25-01	n/a				38,275		38,275
Replace MVR Server	PDRW 22-01	n/a	22,000					22,000
Replace Mobile Computers	PDRW 23-01	2		145,449				145,449
Replace Mobile Video Recorders	PDRW 23-02	2		192,996				192,996
Replace Storage Array	PDRW 23-03	n/a		16,050				16,050
703 Internal Service Funding	PDRW 23-04	n/a		70,000	70,000	70,000	70,000	280,000
Replace Site Repeater	PDRW 25-01	n/a				47,882		47,882
Replace Unit 24 Ford E350 Econoline	PDYS 22-01	n/a	31,054					31,054
Police Department Total			517,573	921,384	132,810	192,706	72,040	1,836,513
<i>Capital Improvement Fund</i>				76,000	72,040	72,040	72,040	292,120
<i>Radio/Weapon Fund</i>			322,000	354,495		47,882		724,377
<i>Vehicle Replacement Fund</i>			195,573	490,889	60,770	72,784		820,016
Police Department Total			517,573	921,384	132,810	192,706	72,040	1,836,513

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Public Works								
Heavy Truck & Equipment Hoist System	MTCE 22-02	n/a			50,000			50,000
Replace Unit 208 Forklift	MTCE 23-01	n/a		12,000				12,000
Central Mtce Shop - New Work Benches	MTCE 23-02	n/a		15,000				15,000
Replace Unit 209 Ford F150 1/2 ton Pickup	MTCE 23-03	n/a		23,133				23,133
F, F & E	PW 00-01	n/a	50,000	125,000	125,000	125,000		425,000
Pole Barn Addition at PWF	PWF 22-16	n/a		250,000				250,000
City Hall Replace Fire Alarm & Security	PWF 23-02	n/a		32,500				32,500
PWF HVAC - Office and Unit Heaters	PWF 23-04	n/a		59,150				59,150
PWF Replace Overhead Doors (6)	PWF 23-06	n/a		74,100				74,100
PWF Replace Roof - Original Building Portion	PWF 24-01	n/a			137,800			137,800
Library Interior Finishes-Carpet, Paint Walls	PWF 25-01	n/a				188,500		188,500
Library Replace Water Heater	PWF 25-05	n/a				24,960		24,960
PWF Replace Roof - 2 Additions	PWF 25-06	n/a				214,500		214,500
Replace Unit 433 Edco Pavement Grinder	SIGN 23-01	n/a		26,917				26,917
Hydraulic Blower for Cat 938M Front End Loader	SNOW 21-03	n/a		75,000				75,000
Pusher Blade for CAT 938M Front End Loader	SNOW 21-04	n/a		25,000				25,000
Replace Unit 414SS Mechanical Street Sweeper	STCL 23-01	n/a		310,985				310,985
Replace Unit 415SS Regen Air Street Sweeper	STCL 23-02	n/a		268,667				268,667
Caterpillar CAT 938M Front End Loader	STRT 21-06	n/a		200,000				200,000
Replace Unit 223 Intl Tandem/Dump/Plow	STRT 22-01	n/a	250,000					250,000
Motor Grader	STRT 22-04	n/a		400,000				400,000
Replace Unit 205 GMC Sierra 3500 1 ton	STRT 23-01	n/a		47,757				47,757
Replace Unit 215 Ford F250 3/4 ton Pickup	STRT 23-02	n/a		40,181				40,181
Replace Unit 220 Intl Tandem Dump/Plow Truck	STRT 23-03	n/a		240,000				240,000
Replace Unit 233 Ford F550 4x2 Anti Icing	STRT 23-04	n/a		44,066				44,066
Replace Unit 401 Dura Patcher Pothole Patcher	STRT 23-05	n/a		76,877				76,877
Replace Unit 406 John Deere Motor Grader	STRT 23-06	n/a		226,587				226,587
Replace Unit 439 Asphalt Paver	STRT 23-07	n/a		26,917				26,917
Replace Unit 228 Intl Tandem/Dump/Plow	STRT 23-08	n/a		240,000				240,000
Replace Unit 425 Sullair Portable Air Compressor	STRT 23-09	n/a		13,420				13,420
Replace Unit 201 Ford F350 1 ton Cab & Chassis	STRT 24-01	n/a			43,276			43,276
Replace Unit 232 Superior Broom	STRT 25-01	n/a				60,725		60,725
Public Works Total			300,000	2,853,257	356,076	613,685		4,123,018

Capital Improvement Fund

Vehicle Replacement Fund

Public Works Total

50,000	1,255,750	312,800	552,960	2,171,510
250,000	1,597,507	43,276	60,725	1,951,508
300,000	2,853,257	356,076	613,685	4,123,018

Right Of Way

Replace Unit 857RM Bobcat Toolcat 5610	ROW 22-01	n/a	6,000					6,000
Replace Unit 825 Channel Utility Trailer	ROW 23-01	n/a		2,345				2,345
Replace Unit 879 Gator XUV	ROW 23-02	n/a		14,551				14,551
Replace Unit 528 Aebi Terra Trac Slope Mower	ROW 23-03	n/a		200,000				200,000
Replace Unit 876 PJ 2 Wheel Trailer	ROW 23-04	n/a		1,623				1,623
Replace Unit 842 Ford F250 3/4 ton 4x2 Crew Cab	ROW 24-01	n/a			30,734			30,734

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Replace Unit 855 Toro GM 4100-D Mower	ROW 24-02	n/a			63,598			63,598
Replace Unit 856 Toro GM 4100-D Mower	ROW 24-03	n/a			62,636			62,636
Replace Unit 823RM Toro Z Master 5000	ROW 25-01	n/a				10,550		10,550
Replace Unit 824RM Toro Z Master 5000	ROW 25-02	n/a				10,890		10,890
Replace Unit 843 Ford F150 4x2 Reg Cab	ROW 25-03	n/a				23,950		23,950
Replace Unit 854RM Ventrac Slope Mower	ROW 25-04	n/a				42,656		42,656
Replace Unit 881 2 Wheel Trailer	ROW 25-05	n/a				2,132		2,132
Right Of Way Total			6,000	218,519	156,968	90,178		471,665

Vehicle Replacement Fund			6,000	218,519	156,968	90,178		471,665
Right Of Way Total			6,000	218,519	156,968	90,178		471,665

Sanitation								
Replace Unit 1102 Terex Skid Steer Loader	COMP 23-02	n/a		48,199				48,199
Replace Unit 1101 Scarab Compost Machine	COMP 24-01	n/a			147,927			147,927
Replace unit 332 2004 Sideloader Garbage Truck	SANI 22-01	n/a	345,977					345,977
Caterpillar 938M Front End Loader	SANI 22-02	n/a	300,000					300,000
MH3022 Backhoe Material Handler	SANI 22-03	n/a	400,000					400,000
Replace Unit 250 GMC Sierra 1500	SANI 23-01	n/a		27,456				27,456
Replace Unit 322SA Wilkens Walking Floor Trailer	SANI 23-02	n/a		105,491				105,491
Replace Unit 328 Sterling LT Tractor	SANI 23-03	n/a		99,742				99,742
Replace Unit 333SA Single Arm Auto Garbage Truck	SANI 23-04	n/a		285,914				285,914
Replace Unit 331SA Dual Arm Autoload Garbage Truck	SANI 23-05	n/a		345,977				345,977
Replace Unit 335SA Single Arm Autoload Garbage Trk	SANI 23-06	n/a		286,868				286,868
Replace Unit 321SA Wilkens Walking Floor Trailer	SANI 23-07	n/a		99,168				99,168
Replace Unit 327 Sterling LT Tractor	SANI 23-08	n/a		99,742				99,742
Replace Unit 313 John Deere Payloader	SANI 24-01	n/a			165,867			165,867
Replace Unit 304SA Commercial Rear Loader	SANI 25-01	n/a				196,687		196,687
Replace Unit 308SA Commercial Rear Loader	SANI 25-02	n/a				196,687		196,687
Sanitation Total			1,045,977	1,398,557	313,794	393,374		3,151,702

Vehicle Replacement Fund			1,045,977	1,398,557	313,794	393,374		3,151,702
Sanitation Total			1,045,977	1,398,557	313,794	393,374		3,151,702

Stormwater								
Flood Mitigation Improvements Local Cost	STWT 22-01	n/a	100,000	125,000	150,000	150,000	150,000	675,000
Replace Unit 505 Ford F250 3/4 ton 4x4	STWT 23-01	n/a		42,086				42,086
Replace Unit 530 Loadtrail Trailer	STWT 23-02	n/a		12,970				12,970
Storm Lift #13 Rehabilitation	STWT 24-01	n/a			475,766			475,766
Replace Unit 529 Bobcat Compact Trackload	STWT 25-01	n/a				58,572		58,572
Storm Lift #12 Rehabilitation	STWT 25-02	n/a				344,861		344,861
Stormwater Total			100,000	180,056	625,766	553,433	150,000	1,609,255

Storm Sewer Fund			100,000	125,000	625,766	494,861	150,000	1,495,627
Vehicle Replacement Fund				55,056		58,572		113,628

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Stormwater Total			100,000	180,056	625,766	553,433	150,000	1,609,255
Wastewater								
Sanitary Lift Station #24 & #26 Rehab	WWT 22-01	n/a	723,600					723,600
Replace Unit 521 Freightliner Semi-Tractor	WWT 22-03	n/a	92,003					92,003
Replace Unit 585 Katolight Generator	WWT 22-04	n/a	32,442					32,442
Replace Unit 586 Katolight Generator	WWT 22-05	n/a	32,442					32,442
Tablets for mapping software & WWTF SCADA	WWT 22-06	n/a	10,000					10,000
Chlorine & sulfur dioxide safety equipment	WWT 22-07	n/a	40,000					40,000
Sanitary Lift Station #32, 3 & 36 Rehab	WWT 23-01	n/a		1,211,250				1,211,250
Replace Unit 580 Generator w/Trailer	WWT 23-02	n/a		25,138				25,138
Replace Unit 581 MTQ Power Generator	WWT 23-03	n/a		23,224				23,224
Replace Unit 582 MTQ Power Generator w/Trailer	WWT 23-04	n/a		23,224				23,224
Replace Unit 590 Katolight Generator	WWT 23-05	n/a		47,634				47,634
Replace Unit 591 Katolight Generator	WWT 23-06	n/a		47,634				47,634
Sanitary Lift Station #28 & #40 Rehab	WWT 24-01	n/a			1,075,000			1,075,000
Replace Unit 507 Sterling/Vac-Con	WWT 24-02	n/a			367,409			367,409
Sanitary Lift Station #10 & #23 Rehab	WWT 25-01	n/a				863,750		863,750
Replace Unit 503 John Deere Tractor/Wagon	WWT 25-02	n/a				251,713		251,713
Replace Unit 517 Case IH Maxxum Loader	WWT 25-03	n/a				85,586		85,586
Sanitary Lift Station #2, 6 & 15 Rehab	WWT 26-01	n/a					678,000	678,000
Wastewater Total			930,487	1,378,104	1,442,409	1,201,049	678,000	5,630,049
Vehicle Replacement Fund			156,887	166,854	367,409	337,299		1,028,449
Wastewater Fund			773,600	1,211,250	1,075,000	863,750	678,000	4,601,600
Wastewater Total			930,487	1,378,104	1,442,409	1,201,049	678,000	5,630,049
Grand Total			17,337,829	23,793,526	17,063,843	14,740,615	14,958,007	87,893,820

2022 PROJECT DETAIL BY DEPARTMENT

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Community Development
 Contact Planning & Zoning
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project # CD 22-01
 Project Name River Corridor Projects

Description Total Project Cost: \$250,000
 Funds to implement projects along the Red River Corridor, including but not limited to trails, art installations, signage and interpretation, native plantings, safety and lighting, park amenities, furniture, placemaking, and other amenities and maintenance efforts along corridor. Funds are also utilized as grant match for River Corridor projects and initiatives. Additional information is available within the 2014 River Corridor Plan and at www.cityofmoorhead.com/river

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	50,000	50,000	50,000	50,000	50,000	250,000
Total	50,000	50,000	50,000	50,000	50,000	250,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	50,000	50,000	50,000	50,000	50,000	250,000
Total	50,000	50,000	50,000	50,000	50,000	250,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project # CONCRETE
 Project Name Miscellaneous Concrete Improvements

Description Total Project Cost: \$600,000

Justification

Prior	Expenditures	2022	2023	2024	2025	2026	Total
450,000	Construction/Improvements	30,000	30,000	30,000	30,000	30,000	150,000
Total	Total	30,000	30,000	30,000	30,000	30,000	150,000

Prior	Funding Sources	2022	2023	2024	2025	2026	Total
450,000	Bond Proceeds	15,000	15,000	15,000	15,000	15,000	75,000
	Special Assessments	15,000	15,000	15,000	15,000	15,000	75,000
Total	Total	30,000	30,000	30,000	30,000	30,000	150,000

Budget Impact/Other

Capital Improvement Plan

City of Moorhead, Minnesota

Data in Year 2022

Department Engineering

Contact Engineering

Type Improvement

Useful Life 30 years

Category Infrastructure

Priority 2 High

Project # ENG 19-A2-2a
Project Name Center Ave Improvements

Description

Total Project Cost: \$5,185,000

The proposed project will involve reconstruction of Center Avenue from 3rd St S to 8th St S as a concrete paved street and various landscaping and aesthetic improvements. This project will also include ADA sidewalk improvements, bicycle improvements, traffic signal replacement at 4th and 5th St, and access modifications for businesses along Center Avenue. The project will also include the reconstruction of 4th St S from Center Ave to the BNSF railroad tracks. Center Ave is functionally classified as a Minor Arterial Roadway while 4th St is a Collector Roadway.

Justification

Center Avenue is a concrete roadway section with a bituminous overlay. The original construction date for Center Ave is unknown, but the last structural project was a mill & overlay in 1989. Center Avenue has been in the 5-year CIP since 2016, originally as a 2019 project, but has been deferred because other projects were priorities for funding and also to allow more public input as the Downtown Plan was developed. A pavement condition index (PCI) assessment of the project area was completed in 2017 as part of an overall evaluation of all paved City streets. The projected PCI of the project area ranges from 4 to 75. This PCI shows the pavement has deteriorated sufficiently that reconstruction is necessary. Prior corridor studies and the LRTP have determined that a 3-lane section is sufficient to meet the needs of Center Ave. The COG bike/ped plan identifies adding bicycle improvements to Center Ave as a short range project. Public input to date favors making improvements that are consistent with a Downtown setting, including on-street parking and bicycle improvements along with wide sidewalks and a reduced number of through lanes. These types of changes can only be accomplished via full reconstruction.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	5,185,000					5,185,000
Total	5,185,000					5,185,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bond Proceeds	1,154,904					1,154,904
Municipal State Aid (MSA) Construction	2,491,370					2,491,370
Special Assessments	288,726					288,726
State Grant	1,250,000					1,250,000
Total	5,185,000					5,185,000

Budget Impact/Other

It is proposed to finance the project through a combination of MSA funds, State LRIP grant funds, and the PIR fund. The PIR fund will be reimbursed by issuing a General Obligation Bond backed by the use of Special Assessments against the benefiting properties in accordance with the City's Special Assessment Policy. Since Center Avenue is a minor arterial street, the assessments will be levied on both a front footage and area-wide basis.

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project # ENG 19-A2-2c
 Project Name Center Ave Landscaping/Amenities

Description Total Project Cost: \$285,000
 The proposed project will involve reconstruction of Center Avenue from 3rd St S to 8th St S as a concrete paved street and various landscaping and aesthetic improvements. This project will also include ADA sidewalk improvements, bike lanes/trail, traffic signal replacement at 4th and 5th St S and access modifications for businesses along Center Avenue. Landscaping/Amenities funds will be utilized to beautify the corridor to complement its downtown setting and may include but is not limited to: furniture, concrete stamps/color concrete, landscaping, and other design elements.

Justification
 Center Avenue is a key downtown corridor that will be a central gathering place for people, businesses, events and more.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	285,000					285,000
Total	285,000					285,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	285,000					285,000
Total	285,000					285,000

Budget Impact/Other
 It is proposed to finance the project through a combination of MSA funds and the PIR fund. The PIR fund will be reimbursed by issuing a General Obligation Bond backed by the use of Special Assessments against the benefiting properties in accordance with the City's Special Assessment Policy. Since Center Avenue is a minor arterial street, the assessments will be levied on both a front footage and area-wide basis.

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life 15 years
 Category Infrastructure
 Priority n/a

Project # ENG 19-A2-2d
 Project Name Center Ave Lighting/ System Deficiencies

Description Total Project Cost: \$200,000
 Replace street lights on Center Avenue during the Center Avenue reconstruction project that will provide lighting for the sidewalk, trail and street areas and (electricity) options for event needs. Light style is intended to be consistent with street lights on Main Avenue. Additional funds may be utilized to address identified and reported areas that have street light deficiencies.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	200,000					200,000
Total	200,000					200,000

Funding Sources	2022	2023	2024	2025	2026	Total
Street Light Fund	200,000					200,000
Total	200,000					200,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project # ENG 20-13-01
 Project Name Mid Town Trail

Description Total Project Cost: \$937,158
 Local match and grant amount for construction of the Mid Town River Corridor Trail, an extension of the River Corridor Trail and key connecting trail between Woodlawn and Gooseberry Parks.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	937,158					937,158
Total	937,158					937,158

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	276,233					276,233
State Grant	660,925					660,925
Total	937,158					937,158

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project # ENG 21-A2-5b
 Project Name Final Wearing Course Overlays

Description Total Project Cost: \$335,000

The proposed project involves placing the final bituminous overlay in new subdivisions per the Developer’s agreement. The subdivisions proposed to receive a final overlay are The Trails at Stonemill Estates, Prairie Meadows 6th Addition, Johnson Farms 6th Addition, Village Green 6th Addition, and Horizon Shores 10th Addition. All streets are functionally classified as Local Roadways. As part of this project, the City will make minor needed bituminous repairs in the areas near these overlay projects.

Justification

On new subdivision projects, the City delays placement of the final overlay to allow for anticipated settlement of utility trenches. Delaying the final overlay until settlement is complete allows for correction of uneven pavement surface. The final overlay allows for bringing the pavement to its full design strength. Delaying beyond more than five years is not necessary to correct trench settlement and creates a risk of long-term pavement damage because the street is not constructed to its full design strength. The City’s minor street repairs are included in this contract because it is the most cost-effective way of making the repairs.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	335,000					335,000
Total	335,000					335,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bond Proceeds	25,000					25,000
Special Assessments	310,000					310,000
Total	335,000					335,000

Budget Impact/Other

All costs for final overlays are assessed to the current property owner. The minor bituminous repairs will be funded as the City share from the G.O. Improvement Bond.

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project # ENG 22-13-01
 Project Name Traffic Signal at 34 St & 28 Ave S

Description Total Project Cost: \$750,000

This project consists of the installation of a traffic signal at the intersection of 34 St & 28th Ave S, installation of fiber optic traffic signal communications from the new signal at 28th Ave S to the existing fiber line at 12th Ave S, along with modification of the intersection of 34th St & 26th Ave S to convert it from a full intersection to a 3/4-intersection.

Justification

Based on a warrant analysis, a traffic signal is warranted on the basis of warrants 1, 2, and 3. Other types of intersection improvements (AWSC, roundabout, etc.) were considered and rejected based on safety, performance and cost. The fiber optic cable being installed is for communication with traffic signal components and real time monitoring of the traffic signal system. The intersection modification at 26th Ave S is for access management at this location. With increasing development in this area, and the traffic volumes observed on 34th St, access management strategies are being implemented to maintain the safety and operational capacity of 34th St while maintaining a safe level of access for future business growth in the area.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	750,000					750,000
Total	750,000					750,000

Funding Sources	2022	2023	2024	2025	2026	Total
Municipal State Aid (MSA) Construction	500,000					500,000
Municipal State Aid (MSA) Maintenance	250,000					250,000
Total	750,000					750,000

Budget Impact/Other

The entirety of this project will be paid for from MSA construction and maintenance accounts.

Capital Improvement Plan

City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project # ENG 22-A2-01
 Project Name 13th St N, 13-1/2 St N and 10th & 13th Ave N

Description Total Project Cost: \$1,030,000

The proposed project will involve a mill & overlay of 10th and 13th Ave N from 11th to 14th St N, pavement rehab of 13th St N from 10th to 15th Ave N, and road reconstruction of 13 1/2 St N from 13th to 15th Ave N. This project will include street, underground utility, and ADA sidewalk improvements. All streets are functionally classified as Local roadways.

Justification

All streets in this project area were initially constructed in 1956 as a bituminous roadway. A portion of 10th Ave N (11th to 13th St N) was rehabbed in 1992, otherwise no other structural maintenance projects have occurred. The streets were seal coated in 2006, though this is not considered a structural project. A pavement condition index (PCI) assessment of the project area was completed as part of an overall evaluation of all paved City streets. The estimated PCI of the project area ranges from 25 to 77 with a weighted average of 65. The City generally targets streets with a PCI between 60-75 for a mill & overlay, and streets with a PCI of 30 or below for a rehab or reconstruction. This has shown to be the most cost effective method of maintaining the streets throughout the City network. Other factors in addition to the PCI can influence a streets eligibility for improvements, such as scheduled watermain, gas, or other utility replacements. Moorhead Public Service will be replacing watermain in the project area in 2022. The City street improvement project will follow the watermain replacement work to provide a new road surface after the utility work is completed. 13th and 13 1/2 St N are required to be rehabbed (or reconstructed if the curb is in poor condition) due to the existing pavement being 'Gravel & Oil', as these type of streets cannot be mill & overlaid.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	1,030,000					1,030,000
Total	1,030,000					1,030,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bond Proceeds	724,226					724,226
Special Assessments	305,774					305,774
Total	1,030,000					1,030,000

Budget Impact/Other

It is proposed to finance the project through the PIR fund and to reimburse the PIR fund by issuing a General Obligation Bond backed by the use of Special Assessments against the benefiting properties in accordance with the City's Special Assessment Policy. Since all streets are Local streets, the assessments will be levied on a front footage basis.

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project # ENG 22-A2-02
 Project Name 11th St S (2nd - 6th Ave S) Street Improvements

Description Total Project Cost: \$910,000
 11th Street
 (2020) 11th Street Railroad Grade Separation Environmental Assessment/Preliminary Engineering

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	910,000					910,000
Total	910,000					910,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bond Proceeds	647,426					647,426
Special Assessments	262,574					262,574
Total	910,000					910,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project #	ENG 22-A2-04
Project Name	Elm St & River Dr S Area Street Improvements

Description	Total Project Cost: \$1,240,000
<p>The proposed project will include a road rehabilitation of 11th Ave S from River Dr S to Elm St S, Elm St S from 8th to 12th Ave S, and River Dr S from 9th to 12th Ave S. This project will include street, underground utility, and ADA sidewalk improvements. All streets are functionally classified as Local roadways.</p>	

Justification
<p>All streets in this project area were initially constructed in 1956 as a bituminous roadway. With the exception of sealcoats (non-structural maintenance) in 2000 and 2010, and some extensive patching in 2009 to repair damage from flood fighting efforts, no other structural or non-structural maintenance projects have occurred since original construction. A pavement condition index (PCI) assessment of the project area was completed in 2020 as part of an overall evaluation of all paved City streets. The estimated PCI of the project area ranges from 27 to 76 with a weighted average of 58. The City generally targets streets with a PCI between 60-75 for a mill & overlay, and streets with a PCI of 30 or below for a rehab or reconstruction. This has shown to be the most cost effective method of maintaining the streets throughout the City network. Other factors in addition to the PCI can influence a streets eligibility for improvements, such as scheduled watermain, gas, or other utility replacements. Moorhead Public Service will be replacing watermain in the project area in 2022. The City street improvement project will follow the watermain replacement work to provide a new road surface after the utility work is completed. All streets in the project area are required to be rehabbed (or reconstructed if the curb is in poor condition) due to the existing pavement being 'Gravel & Oil', as these type of streets cannot be mill & overlaid.</p>

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	1,240,000					1,240,000
Total	1,240,000					1,240,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bond Proceeds	830,848					830,848
Special Assessments	409,152					409,152
Total	1,240,000					1,240,000

Budget Impact/Other
<p>It is proposed to finance the project through the PIR fund and to reimburse the PIR fund by issuing a General Obligation Bond backed by the use of Special Assessments against the benefiting properties in accordance with the City's Special Assessment Policy. Since all streets are Local streets, the assessments will be levied on a front footage basis.</p>

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project #	ENG 22-A2-05
Project Name	MCCARA 1st & 2nd Addition Street Improvements

Description	Total Project Cost: \$860,000
<p>The proposed project will include a mill & overlay of 29th Ave S from 41st St S to East End, 30th Ave S from 41st St S to East End, 32nd Ave S from 41st to 42nd St S, 41 1/2 St S from 29th to 30th Ave S, 41st St S from 29th to 32nd Ave S, and 42nd St S from 30th to 32nd Ave S. This project will include street and utility improvements. All streets are functionally classified as Local roadways.</p>	

Justification
<p>The bituminous streets of 32nd Ave S from 41st to 42nd St S, 41st St S from 30th to 32nd Ave S, and 42nd St S from 30th to 32nd Ave S were originally built in 1981, but rehabilitated in 2000. At the same time as the street rehabilitation in 2000, the remaining streets in the project area were initially constructed as bituminous streets. With the exception of sealcoats (non-structural maintenance) in 2013, no other structural or non-structural maintenance projects have occurred since original construction. A pavement condition index (PCI) assessment of the project area was completed in 2018 as part of an overall evaluation of all paved City streets. The estimated PCI of the project area ranges from 53 to 85 with a weighted average of 74. The City generally targets streets with a PCI between 60-75 for a mill & overlay, and streets with a PCI of 30 or below for a rehab or reconstruction. This has shown to be the most cost effective method of maintaining the streets throughout the City network. Though not all streets in the project area are within the 60-75 PCI range, they have the same original construction date. It would not be practical to leave out the street sections with a higher PCI for future projects. Splitting up the project would most assuredly generate a higher price for the improvements overall.</p>

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	860,000					860,000
Total	860,000					860,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bond Proceeds	210,838					210,838
Special Assessments	649,162					649,162
Total	860,000					860,000

Budget Impact/Other
<p>It is proposed to finance the project through the PIR fund and to reimburse the PIR fund by issuing a General Obligation Bond backed by the use of Special Assessments against the benefiting properties in accordance with the City's Special Assessment Policy. Since all streets are Local streets, the assessments will be levied on a front footage basis.</p>

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project # ENG 22-A2-06
 Project Name 7th & 8th St, Center Ave to 1st Ave N Street

Description Total Project Cost: \$250,000
 NEED DESCRIPTION

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	250,000					250,000
Total	250,000					250,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bond Proceeds	170,884					170,884
Municipal State Aid (MSA) Construction	36,395					36,395
Special Assessments	42,721					42,721
Total	250,000					250,000

Budget Impact/Other

Capital Improvement Plan

City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project # ENG 22-A7-01
 Project Name 3rd St Sidewalk

Description Total Project Cost: \$100,000

This project will consist of adding a sidewalk on the west side of 3rd St from the Center Mall Ramp to 1st Ave N to allow for parking at the ramp for events at the Hjemkomst Center while adding a safe crossing location across 1st Ave N. This area was identified as a pedestrian route and enhanced walking street area within the 2020 Downtown Plan.

Justification

As larger events take place at the Hjemkomst Center, overflow parking at the Center Mall Ramp has led to mid-block crossings at an unmarked crossing location and a decrease in safety at 1st Ave N. The proposed sidewalk will provide a signalized crossing location and allow the Hjemkomst Center overflow parking to utilize the City ramp. This will increase safety for all events at the Hjemkomst Center as well as provide a safe route for residents and pedestrian travelers in the area.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	100,000					100,000
Total	100,000					100,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	100,000					100,000
Total	100,000					100,000

Budget Impact/Other

Capital Improvement Fund to be used to fund this project.

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Equipment
 Useful Life 5 years
 Category Equipment
 Priority n/a

Project # ENGR 22-01
 Project Name S7 Robotic Total Station

Description Total Project Cost: \$35,000
 Replace S6 Robotic Total Station with S7 Robotic Total Station

Justification
 Replacement of the existing S6 Robotic Total Station with a new S7 Robotic Total Station is needed to maintain survey equipment compatible with current survey technology and the continually changing survey industry. Upgrades and replacements become necessary when old and outdated equipment are no longer viable and repairs to the existing S6 Total Station and upgrades to the existing software become expensive. The Trimble Total Stations are utilized in conjunction with Trimble Data Collector units for topographic surveys to collect the locations and elevations of critical information for project design plans and for performing construction staking of roadways, sanitary and storms sewers, and watermains. These tasks can be performed by a single employee and saves the City both time and money.

Expenditures	2022	2023	2024	2025	2026	Total
Furniture/Fixtures/Equipment	35,000					35,000
Total	35,000					35,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	35,000					35,000
Total	35,000					35,000

Budget Impact/Other
 Capital Improvement funds will be used to acquire the S7 Robotic Total Station.

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Engineering
 Contact Engineering
 Type Equipment
 Useful Life 5 years
 Category Equipment
 Priority n/a

Project # ENGR 22-02
 Project Name Traffic Management System

Description Total Project Cost: \$75,000
 Implementation of a Traffic Management System to allow continuous monitoring of the City's traffic signal system.

Justification
 The Traffic Management System will allow for remote management from City Hall. This will reduce the time necessary for on-site visits for routine adjustment of traffic signals, and real-time notification should a signal system go to flash. This will reduce response time and traffic disruption in the case of a fault.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	75,000					75,000
Total	75,000					75,000

Funding Sources	2022	2023	2024	2025	2026	Total
Municipal State Aid (MSA) Maintenance	75,000					75,000
Total	75,000					75,000

Budget Impact/Other
 The Traffic Management System will be acquired with MSA Maintenance funds.

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Fire Department
 Contact Fire Chief
 Type Unassigned
 Useful Life 5 years
 Category Equipment
 Priority n/a

Project # FIRE 22-01
 Project Name Mobile Eyes Software: Fire Prevention

Description Total Project Cost: \$15,000

Mobile Eyes: Fire Prevention

Mobile Eyes is a mobile fire inspection software that works directly with the Computer Aided Dispatch database that Red River Regional Dispatch Center hosts from business and building preplans data that the Moorhead Fire Department has the responsible to maintain. In 2020 the free inspection software that the MN State Fire Marshal provided to the MFD was suspended because they choose to go to a paid inspection software. This created a large gap in the MFD ability to effectively cite, document and conduct commercial, industrial, and new construction fire inspections and properly. One of the biggest issues to citing fire code make changes. The Mobile Eyes solution is a fully functioning field inspection software that will talk to critical RRRDC data. This allows a more timely and accurate maintaining of important business and building owner information that both the MFD and MPD relay on during emergencies. The software is fully functional in the field which saves staff time as inspectors can cite violations, take photos, and issue that report right from the field without having to duplicate their report effects by documenting the finding back in the office. Mobile Eyes also easily integrates into their software Minnesota codes when they change, reducing the time consuming process of code updates. The functionality is catered to the needs of fire department and work flow of both fire prevention and operations staff with easy customization to inspection checklist with updated codes to meet the needs of easy to complex fire inspections.

The initial implementation cost is \$15,000 for software license, training, and support in 2022. With the annual on-going licensing fee and support cost estimated at approximately \$6,400 per year.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Electronic Equipment	15,000					15,000
Total	15,000					15,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	15,000					15,000
Total	15,000					15,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Fire Department
 Contact Fire Chief
 Type Equipment
 Useful Life 5 years
 Category Equipment
 Priority n/a

Project # FIRE 22-02
 Project Name Salamander Software: Emergency Management

Description Total Project Cost: \$7,300

Salamander: Emergency Management
 Salamander is a resource badging and tracking software that is using during emergencies. Emergency Management from Fargo and Cass County, along with MN Homeland Security and Emergency Management already have successful implemented the Salamander software for recent floods and civil unrest to track both employees, equipment, and volunteers for either FEMA or state reimbursement based on either a barcode or a specialized personal identification badge. It is Emergency Management desire to purchase Salamander for better interoperability and tracking of staff and equipment usage, which has been very clumber some and time consuming in the past years FEMA reimbursements. Salamander was used successfully this past summer to pre-badge area law enforcement officers and support staff that deployed to protest concerns over line 3. MPD not only added all the officer qualification into the Salamander system so they can easily be deployable in support but also so they can easily access mutual aid partners who are in the system in an event that MPD requests mutual aid. Fargo and Cass Co. badged and tracked all their volunteers making sand bags. Salamander easily tracks who is deployed, what type of qualifications they have, along with salary and hours. Moorhead currently does not have a system to track the checking in and out of employees or volunteers, much less their qualification which is important during a disaster. We also rely on a custom IT application that is only used during disasters to track time, but that has significate limitation and because of the infrequency we discovered several errors and without having multiple documentation methods the city of Moorhead would have lost out on reimbursable salary and equipment expenses in the past. It is our hope to streamline the tracking process to error and duplication efforts can be reduced or eliminated.

The initial implementation cost is \$7,300 for software license, training, equipment and support in 2022. With an annual on-going licensing fee and support estimated at approximately \$1,800.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Electronic Equipment	7,300					7,300
Total	7,300					7,300

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	7,300					7,300
Total	7,300					7,300

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Fire Department
 Contact Public Works Director
 Type Vehicle
 Useful Life
 Category Vehicles
 Priority n/a

Project # FPRO 22-01
 Project Name Replace Unit 910 Chevy Suburban

Description Total Project Cost: \$48,255
 Replace Unit 910 Chevy Suburban

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	48,255					48,255
Total	48,255					48,255

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	48,255					48,255
Total	48,255					48,255

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Forestry
 Contact Public Works Director
 Type Equipment
 Useful Life 5 years
 Category Equipment
 Priority n/a

Project # FORS 22-02
 Project Name Replace Unit 283FO Brush Chipper

Description Total Project Cost: \$65,000
 Replace Unit 283FO (2017) Brush Chipper
 Duratech TC-12

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Heavy Equipment	65,000					65,000
Total	65,000					65,000

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	65,000					65,000
Total	65,000					65,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Maintenance
 Useful Life
 Category Parks
 Priority n/a

Project # MDMT 00-01
 Project Name Greens Cover Replacement

Description Total Project Cost: \$48,000
 Greens Cover Replacement

Justification

Prior	Expenditures	2022	2023	2024	2025	2026	Total
9,000	Construction/Improvements	9,000	10,000	10,000	10,000		39,000
Total	Total	9,000	10,000	10,000	10,000		39,000

Prior	Funding Sources	2022	2023	2024	2025	2026	Total
9,000	Capital Improvement Fund	9,000	10,000	10,000	10,000		39,000
Total	Total	9,000	10,000	10,000	10,000		39,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Maintenance
 Useful Life
 Category Parks
 Priority n/a

Project # MDMT 21-01
 Project Name Replace Irrigation Pumps

Description Total Project Cost: \$27,500
 Replace Irrigation Pumps

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	27,500					27,500
Total	27,500					27,500

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	27,500					27,500
Total	27,500					27,500

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Improvement
 Useful Life
 Category Parks
 Priority n/a

Project # MDMT 21-05
 Project Name Greens Rollers

Description Total Project Cost: \$25,000
 Greens Rollers

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Heavy Equipment	25,000					25,000
Total	25,000					25,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	25,000					25,000
Total	25,000					25,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Equipment
 Useful Life
 Category Equipment
 Priority n/a

Project # MDMT 21-06
 Project Name Shop Pressure Washer

Description Total Project Cost: \$6,000
 Shop Pressure Washer

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Furniture/Fixtures/Equipment	6,000					6,000
Total	6,000					6,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	6,000					6,000
Total	6,000					6,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Equipment
 Useful Life 10 years
 Category Equipment
 Priority n/a

Project # MDMT 22-01
 Project Name Replace Unit 735 Toro Groundsmaster

Description Total Project Cost: \$62,636
 Replace Unit 735 (2014) Toro Groundsmaster 4100-D

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Heavy Equipment	62,636					62,636
Total	62,636					62,636

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	62,636					62,636
Total	62,636					62,636

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Equipment
 Useful Life
 Category Equipment
 Priority n/a

Project # MDMT 22-03
 Project Name Spare Set of Greens Mower Reels

Description Total Project Cost: \$10,000
 Spare Set of Greens Mower Reels

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Furniture/Fixtures/Equipment	10,000					10,000
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	10,000					10,000
Total	10,000					10,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Equipment
 Useful Life 10 years
 Category Equipment
 Priority n/a

Project # MDWS 22-01
 Project Name Replace Unit 760 EZ Go Cushman Hauler

Description Total Project Cost: \$10,975
 Replace Unit 760 (2012) EZ Go Cushman Hauler

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Furniture/Fixtures/Equipment	10,975					10,975
Total	10,975					10,975

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	10,975					10,975
Total	10,975					10,975

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Park Director
 Type Improvement
 Useful Life
 Category Buildings
 Priority n/a

Project # MDWS 22-02
 Project Name Replace Counter Tops/check in area/bar

Description Total Project Cost: \$10,000
 Replace Counter Tops/check in area/bar

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	10,000					10,000
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	10,000					10,000
Total	10,000					10,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Park Director
 Type Improvement
 Useful Life
 Category UNASSIGNED
 Priority n/a

Project # MDWS 22-03
 Project Name Replace Patio Furniture

Description Total Project Cost: \$10,000
 Replace Patio Furniture

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Furniture/Fixtures/Equipment	10,000					10,000
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	10,000					10,000
Total	10,000					10,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Vehicle
 Useful Life 13 years
 Category Vehicles
 Priority n/a

Project # MDWS 22-04
 Project Name Replace Yamaha Drive Gas Golfcarts

Description Total Project Cost: \$110,439
 2023 - Replace (20) 2011 Yamaha Drive Gas Golfcarts
 Unit #1222 - \$3316.00
 Unit #1260 - \$3506.00
 Unit #1214, 1216, 1217, 1218, 1223, 1226, 1232, 1233, 1234, 1238, 1239,
 1256, 1257, 1258, 1259, 1269, 1270, 1271 - \$4900.00/each

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	110,439					110,439
Total	110,439					110,439

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	110,439					110,439
Total	110,439					110,439

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Maintenance
 Useful Life
 Category Parks
 Priority n/a

Project # VGMT 00-01
 Project Name Greens Cover Replacement

Description Total Project Cost: \$34,000
 Greens Covers

Justification

Prior	Expenditures	2022	2023	2024	2025	2026	Total
13,000	Construction/Improvements	7,000	7,000	7,000			21,000
Total	Total	7,000	7,000	7,000			21,000

Prior	Funding Sources	2022	2023	2024	2025	2026	Total
13,000	Capital Improvement Fund	7,000	7,000	7,000			21,000
Total	Total	7,000	7,000	7,000			21,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact
 Type Maintenance
 Useful Life
 Category Parks
 Priority n/a

Project # VGMT 00-04
 Project Name Irrigation Head Replacement

Description Total Project Cost: \$18,000
 Irrigation Head Replacement (3 of 6 Years)

Justification

Prior	Expenditures	2022	2023	2024	2025	2026	Total
12,000	Construction/Improvements	6,000					6,000
Total	Total	6,000					6,000

Prior	Funding Sources	2022	2023	2024	2025	2026	Total
12,000	Capital Improvement Fund	6,000					6,000
Total	Total	6,000					6,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Vehicle
 Useful Life 10 years
 Category Vehicles
 Priority n/a

Project # VGMT 22-01
 Project Name Replace Unit 628 Toro Sand Pro 5040

Description Total Project Cost: \$24,676
 Replace Unit 628 (2012) Toro Sand Pro 5040 Bunker

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	24,676					24,676
Total	24,676					24,676

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	24,676					24,676
Total	24,676					24,676

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Vehicle
 Useful Life 10 years
 Category Vehicles
 Priority n/a

Project # VGMT 22-02
 Project Name Replace Unit 640 Cushman Truckster Heavy

Description Total Project Cost: \$25,384
 Replace Unit 640 (2012) Cushman Truckster Heavy 84067

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	25,384					25,384
Total	25,384					25,384

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	25,384					25,384
Total	25,384					25,384

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Golf Courses
 Contact Public Works Director
 Type Vehicle
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # VGMT 22-03
 Project Name Replace Yamaha Drive Gas Golfcarts

Description Total Project Cost: \$149,093
 Replace Yamaha Drive Gas Golfcarts

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	149,093					149,093
Total	149,093					149,093

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	149,093					149,093
Total	149,093					149,093

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Information Technology
 Contact Public Works Director
 Type Vehicle
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # IT 22-01
 Project Name Replace Unit 107CR Chevrolet Express Van

Description Total Project Cost: \$30,723
 Replace Unit 107CR Chevrolet Express Van

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	30,723					30,723
Total	30,723					30,723

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	30,723					30,723
Total	30,723					30,723

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Information Technology

Contact I.T. Director

Type Equipment

Useful Life 10 years

Category Equipment

Priority n/a

Project # IT 22-02
 Project Name Network Switches

Description Total Project Cost: \$45,000
 Network Switches

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Electronic Equipment	45,000					45,000
Total	45,000					45,000

Funding Sources	2022	2023	2024	2025	2026	Total
Information Technology Fund	45,000					45,000
Total	45,000					45,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Information Technology
 Contact I.T. Director
 Type Equipment
 Useful Life 10 years
 Category Equipment
 Priority n/a

Project # IT 22-03
 Project Name Database Management System

Description Total Project Cost: \$55,000
 Database Management System

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Electronic Equipment	55,000					55,000
Total	55,000					55,000

Funding Sources	2022	2023	2024	2025	2026	Total
Information Technology Fund	55,000					55,000
Total	55,000					55,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Information Technology
 Contact I.T. Director
 Type Equipment
 Useful Life 10 years
 Category Equipment
 Priority n/a

Project # IT 22-04
 Project Name Infrastructure Monitoring Server

Description Total Project Cost: \$25,000
 Infrastructure Monitoring Server

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Electronic Equipment	25,000					25,000
Total	25,000					25,000

Funding Sources	2022	2023	2024	2025	2026	Total
Information Technology Fund	25,000					25,000
Total	25,000					25,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Information Technology
 Contact I.T. Director
 Type Equipment
 Useful Life 10 years
 Category Equipment
 Priority n/a

Project # IT 22-05
 Project Name Firewall - LEC CJDN Segmentation

Description Total Project Cost: \$25,000
 Firewall - LEC CJDN Segmentation

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Electronic Equipment	25,000					25,000
Total	25,000					25,000

Funding Sources	2022	2023	2024	2025	2026	Total
Information Technology Fund	25,000					25,000
Total	25,000					25,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Information Technology
 Contact I.T. Director
 Type Equipment
 Useful Life 10 years
 Category Equipment
 Priority n/a

Project # IT 22-06
 Project Name Firewall - City Hall

Description Total Project Cost: \$35,000
 Firewall - City Hall

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Electronic Equipment	35,000					35,000
Total	35,000					35,000

Funding Sources	2022	2023	2024	2025	2026	Total
Information Technology Fund	35,000					35,000
Total	35,000					35,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Information Technology
 Contact I.T. Director
 Type Equipment
 Useful Life 10 years
 Category Equipment
 Priority n/a

Project # IT 22-07
 Project Name Video Storage Server Impound Lot

Description Total Project Cost: \$8,000
 Video Storage Server Impound Lot

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Electronic Equipment	8,000					8,000
Total	8,000					8,000

Funding Sources	2022	2023	2024	2025	2026	Total
Information Technology Fund	8,000					8,000
Total	8,000					8,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Information Technology
 Contact I.T. Director
 Type Equipment
 Useful Life 10 years
 Category Equipment
 Priority n/a

Project # IT 22-08
 Project Name Watchguard Server

Description Total Project Cost: \$30,000
 Watchguard Server

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Electronic Equipment	30,000					30,000
Total	30,000					30,000

Funding Sources	2022	2023	2024	2025	2026	Total
Information Technology Fund	30,000					30,000
Total	30,000					30,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Mass Transit
 Contact Mass Transit
 Type Maintenance
 Useful Life
 Category Buildings
 Priority n/a

Project # MT 00-01
 Project Name Shelter - Replace Annually

Description Total Project Cost: \$255,090
 Shelter - Replace Annually

Justification

Prior	Expenditures	2022	2023	2024	2025	2026	Total
31,000	Construction/Improvements	75,000	33,000	45,600	34,490	36,000	224,090
Total	Total	75,000	33,000	45,600	34,490	36,000	224,090

Prior	Funding Sources	2022	2023	2024	2025	2026	Total
31,000	Capital Improvement Fund	15,000	6,600	9,120	6,898	7,200	44,818
	Federal Grant	60,000	26,400	36,480	27,592	28,800	179,272
Total	Total	75,000	33,000	45,600	34,490	36,000	224,090

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Mass Transit
 Contact Mass Transit
 Type Unassigned
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # MT 22-01
 Project Name Senior Unit #5221 Replaces Unit #5181

Description Total Project Cost: \$36,000
 Senior Unit #5221 Replaces Unit #5181

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	36,000					36,000
Total	36,000					36,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	3,600					3,600
Federal Grant	28,800					28,800
State Grant	3,600					3,600
Total	36,000					36,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Mass Transit
 Contact Mass Transit
 Type Improvement
 Useful Life
 Category Buildings
 Priority n/a

Project # MT 22-03
 Project Name Facility Improvements (1/3 Mhd Cost) (2022-2024)

Total Project Cost: \$283,000

Description
 Facility Improvements (1/3 Mhd Cost)
 MTG needs detailed list

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Furniture/Fixtures/Equipment	66,866	214,134	2,000			283,000
Total	66,866	214,134	2,000			283,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	13,373	42,827	400			56,600
Federal Grant	53,493	171,307	1,600			226,400
Total	66,866	214,134	2,000			283,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Mass Transit
 Contact Mass Transit
 Type Unassigned
 Useful Life 10 years
 Category Buildings
 Priority n/a

Project # MT 22-04
 Project Name Dilworth Walmart Transit Hub - Construction

Description Total Project Cost: \$250,000
 Dilworth Walmart Transit Hub - Construction

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	250,000					250,000
Total	250,000					250,000

Funding Sources	2022	2023	2024	2025	2026	Total
City of Dilworth	50,000					50,000
Federal Grant	200,000					200,000
Total	250,000					250,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Mass Transit
 Contact
 Type Equipment
 Useful Life
 Category Equipment
 Priority n/a

Project # MT RESV
 Project Name Mass Transit Reserve

Description Total Project Cost: \$344,303
 Flat funding level of \$150,000 to Mass Transit from Capital Improvement Fund will create increase and decrease in Mass Transit Reserves over time. The reserves will be used to fund buses when needed and keep budget constant.

Justification
 The use of the reserve account will allow for level annual expenditure to Mass Transit.

Expenditures	2022	2023	2024	2025	2026	Total
Transit	118,027	-20,607	121,580	95,669	29,634	344,303
Total	118,027	-20,607	121,580	95,669	29,634	344,303

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	118,027	-20,607	121,580	95,669	29,634	344,303
Total	118,027	-20,607	121,580	95,669	29,634	344,303

Budget Impact/Other
 Level annual appropriation to Mass Transit.

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department: Municipal Airport
 Contact: Planning & Zoning
 Type: Improvement
 Useful Life: 5 years
 Category: Technology
 Priority: n/a

Project # MAIR 22-01
 Project Name AWOS Replacement

Description Total Project Cost: \$100,000
 AWOS Replacement
 \$100,000 less \$70,000 MNDot
 \$30,000 local

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	100,000					100,000
Total	100,000					100,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	30,000					30,000
MnDOT	70,000					70,000
Total	100,000					100,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department: Municipal Airport
 Contact: Planning & Zoning
 Type: Maintenance
 Useful Life:
 Category: Infrastructure
 Priority: n/a

Project # MAIR 22-02
 Project Name Aeronautical Zoning Easements

Description Total Project Cost: \$265,000
 Aeronautical Zoning Easements
 Aeronautical zoning easements may be required for new Zone A and/or Zone B areas for projects listed on the Airport Layout Plan. The Moorhead Airport Committee will be reviewing projects that would potentially require the easements (crosswind runway and runway expansion) to provide a recommendation of whether the projects should remain on the ALP or be removed from the ALP (thereby no longer requiring aeronautical zoning easements). Future CIPs will be updated accordingly.

Justification
 -Justification: required by State of MN, MnDOT Office of Aeronautics

Expenditures	2022	2023	2024	2025	2026	Total
Planning/Design	65,000	100,000	100,000			265,000
Total	65,000	100,000	100,000			265,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	65,000	100,000	100,000			265,000
Total	65,000	100,000	100,000			265,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Municipal Airport
 Contact Public Works Director
 Type Vehicle
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # MAIR 22-04
 Project Name Replace Unit 101 Dodge Grand Caravan

Description Total Project Cost: \$29,706
 Replace Unit 101 Dodge Grand Caravan

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	29,706					29,706
Total	29,706					29,706

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	29,706					29,706
Total	29,706					29,706

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Parks and Recreation
 Contact Park Director
 Type Improvement
 Useful Life
 Category Buildings
 Priority n/a

Project # HHIC 22-01
 Project Name Upgrades to 1998 VAV

Description Total Project Cost: \$75,000
 Upgrades to 1998 VAV

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	75,000					75,000
Total	75,000					75,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	75,000					75,000
Total	75,000					75,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Parks and Recreation
 Contact Public Works Director
 Type Improvement
 Useful Life
 Category Parks
 Priority n/a

Project # PMTC 00-01
 Project Name Park Amenities

Description Total Project Cost: \$1,700,000
 Park Amenities

Justification

Prior	Expenditures	2022	2023	2024	2025	2026	Total
450,000	Construction/Improvements	250,000	250,000	250,000	250,000	250,000	1,250,000
Total	Total	250,000	250,000	250,000	250,000	250,000	1,250,000

Prior	Funding Sources	2022	2023	2024	2025	2026	Total
450,000	Capital Improvement Fund	250,000	250,000	250,000	250,000	250,000	1,250,000
Total	Total	250,000	250,000	250,000	250,000	250,000	1,250,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Parks and Recreation
 Contact Public Works Director
 Type Equipment
 Useful Life 10 years
 Category Equipment
 Priority n/a

Project # PMTC 22-03
 Project Name Replace Unit 275 Turfco Edge R Rite Edger

Description Total Project Cost: \$2,754
 Replace Unit 275 (2013) Turfco Edge R Rite Edger

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Furniture/Fixtures/Equipment	2,754					2,754
Total	2,754					2,754

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	2,754					2,754
Total	2,754					2,754

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Parks and Recreation
 Contact Public Works Director
 Type Equipment
 Useful Life 10 years
 Category Equipment
 Priority n/a

Project # PMTC 22-05
 Project Name Replace Unit 434 Jacobsen HR-9016

Description Total Project Cost: \$83,300
 Replace Unit 434 (2008) Jacobsen HR-9016

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Heavy Equipment	83,300					83,300
Total	83,300					83,300

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	83,300					83,300
Total	83,300					83,300

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Parks and Recreation
 Contact Public Works Director
 Type Vehicle
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # PMTC 22-13
 Project Name Replace Unit 494PM-21 Bobcat Toolcat 5610

Description Total Project Cost: \$6,000
 Replace Unit 494PM-21 Bobcat Toolcat 5610 (lease)

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	6,000					6,000
Total	6,000					6,000

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	6,000					6,000
Total	6,000					6,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Parks and Recreation
 Contact Public Works Director
 Type Improvement
 Useful Life 10 years
 Category Parks
 Priority n/a

Project # PWF 22-05
 Project Name Playground Replacement Fund

Description Total Project Cost: \$380,000
 Playground Replacement Fund

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	60,000	80,000	80,000	80,000	80,000	380,000
Total	60,000	80,000	80,000	80,000	80,000	380,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	60,000	80,000	80,000	80,000	80,000	380,000
Total	60,000	80,000	80,000	80,000	80,000	380,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Parks and Recreation
 Contact Public Works Director
 Type Maintenance
 Useful Life 20 years
 Category Buildings
 Priority n/a

Project # PWF 22-06
 Project Name HHIC Review Domestic & Sewer Pipes on old side

Description Total Project Cost: \$40,000
 HHIC Review Domestic & Sewer Pipes on old side

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	40,000					40,000
Total	40,000					40,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	40,000					40,000
Total	40,000					40,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Parks and Recreation
 Contact Public Works Director
 Type Improvement
 Useful Life 15 years
 Category Parks
 Priority n/a

Project # PWF 22-11
 Project Name Romkey-NRC Renovation

Description Total Project Cost: \$25,000
 Romkey-NRC Renovation

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	25,000					25,000
Total	25,000					25,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	25,000					25,000
Total	25,000					25,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Police Department

Contact Police Captain

Type Equipment

Useful Life 5 years

Category Equipment

Priority n/a

Project # PD 22-01
 Project Name Bodyworn Cameras (50)

Description Total Project Cost: \$300,000

For over twenty years the Moorhead Police Department has recognized the increased value of capturing video from their police vehicle recorders. As a result of the continued improvements and availability of body worn camera technology, police departments nationwide have been providing these tools that capture video and audio evidence from the perspective of the mobile officer. Through countless significant events the expectations for officers to be equipped with this technology continues to grow. The implementation of such a project is not only in the original cost of the equipment and data storage, but also with the significant burden managing the additional data as it relates to privacy laws and redaction requirements associated with Minnesota Data Practice laws. This project implementation plan includes a 5 year maintenance/replacement agreement, data storage, voice conversation transcription, and redaction computer software in the quantity to equip all officers. An additional support staff person will need to be considered separately.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Electronic Equipment	300,000					300,000
Total	300,000					300,000

Funding Sources	2022	2023	2024	2025	2026	Total
Radio/Weapon Fund	300,000					300,000
Total	300,000					300,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Police Department
 Contact Public Works Director
 Type Vehicle
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # PDAD 22-01
 Project Name Replace Unit 55 Police Chief Ford Explorer

Description Total Project Cost: \$29,724
 Replace Unit 55 Police Chief (2016) Ford Explorer
 Scheduled replacement of marked, semi-marked, and unmarked police service vehicles.
 All wheel drive SUV's have continued to prove their importance in our winter climate and regular extreme weather events. They provide sufficient room for increasing quantities of equipment needed to perform duties. Non-patrol vehicles must still blend in with the general public to perform law enforcement tasks, e.g. surveillance-moving and stationary, room for a long gun in the rear portion area and other emergency equipment. Vehicle replacement is delayed as appropriate based on condition and repairs. Ford Motor Company didn't manufacture police vehicles in 2020 citing new model coming out. This has resulted in increased maintenance fees and vehicles overdue for decommissioning.

Justification
 Police service vehicles are considered basic, necessary equipment needed for law enforcement and public safety functions. Police service vehicles are limited to what the three major vehicle manufacturers produce. The Utility vehicle has been tested and compared to pursuit rated models and found to be the best for our needs.
 The Utility was chosen for the following reasons:
 -Easier to keep emergency first aid equipment at the proper temperature for correct operation (computer, video recorder, and defibrillator).
 -More room to carry the necessary equipment required to provide emergency services.
 -Vehicle sits higher for better visibility while driving in city traffic.
 -Better ergonomics for the patrol officer, reducing workman's compensation claims.
 -All-wheel drive and higher frame clearance makes it less prone to getting stuck during heavy snow events.
 -The center console, rear cage area and emergency lights are vehicle specific and we have cost savings through harvesting and reusing parts between decommissioning and replacing new vehicles.
 -Ford discontinued the police sedan in 2019.

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	29,724					29,724
Total	29,724					29,724

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	29,724					29,724
Total	29,724					29,724

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Police Department
 Contact Public Works Director
 Type Vehicle
 Useful Life 10 years
 Category Vehicles
 Priority n/a

Project #	PDIN 22-02
Project Name	Replace Unit 54 Dodge Durango AWD

Description	Total Project Cost: \$29,724
Replace Unit 54 (2014) Dodge Durango AWD Scheduled replacement of marked, semi-marked, and unmarked police service vehicles. All wheel drive SUV's have continued to prove their importance in our winter climate and regular extreme weather events. They provide sufficient room for increasing quantities of equipment needed to perform duties. Non-patrol vehicles must still blend in with the general public to perform law enforcement tasks, e.g. surveillance-moving and stationary, room for a long gun in the rear portion area and other emergency equipment. Vehicle replacement is delayed as appropriate based on condition and repairs. Ford Motor Company didn't manufacture police vehicles in 2020 citing new model coming out. This has resulted in increased maintenance fees and vehicles overdue for decommissioning.	

Justification
Police service vehicles are considered basic, necessary equipment needed for law enforcement and public safety functions. Police service vehicles are limited to what the three major vehicle manufacturers produce. The Utility vehicle has been tested and compared to pursuit rated models and found to be the best for our needs. The Utility was chosen for the following reasons: -Easier to keep emergency first aid equipment at the proper temperature for correct operation (computer, video recorder, and defibrillator). -More room to carry the necessary equipment required to provide emergency services. -Vehicle sits higher for better visibility while driving in city traffic. -Better ergonomics for the patrol officer, reducing workman's compensation claims. -All-wheel drive and higher frame clearance makes it less prone to getting stuck during heavy snow events. -The center console, rear cage area and emergency lights are vehicle specific and we have cost savings through harvesting and reusing parts between decommissioning and replacing new vehicles. -Ford discontinued the police sedan in 2019.

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	29,724					29,724
Total	29,724					29,724

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	29,724					29,724
Total	29,724					29,724

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Police Department
 Contact Public Works Director
 Type Vehicle
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # PDPA 22-01
 Project Name Replace Unit 35 Patrol

Description Total Project Cost: \$30,857
 Replace Unit 35 Patrol

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	30,857					30,857
Total	30,857					30,857

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	30,857					30,857
Total	30,857					30,857

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Police Department
 Contact Public Works Director
 Type Vehicle
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # PDPA 22-08
 Project Name Replace Unit 17 Ford Interceptor SUV

Description Total Project Cost: \$30,857

Replace Unit 17 (2015) Ford Interceptor SUV
 Scheduled replacement of marked, semi-marked, and unmarked police service vehicles.
 All wheel drive SUV's have continued to prove their importance in our winter climate and regular extreme weather events. They provide sufficient room for increasing quantities of equipment needed to perform duties. Non-patrol vehicles must still blend in with the general public to perform law enforcement tasks, e.g. surveillance-moving and stationary, room for a long gun in the rear portion area and other emergency equipment. Vehicle replacement is delayed as appropriate based on condition and repairs. Ford Motor Company didn't manufacture police vehicles in 2020 citing new model coming out. This has resulted in increased maintenance fees and vehicles overdue for decommissioning.

Justification

Police service vehicles are considered basic, necessary equipment needed for law enforcement and public safety functions. Police service vehicles are limited to what the three major vehicle manufacturers produce. The Utility vehicle has been tested and compared to pursuit rated models and found to be the best for our needs.
 The Utility was chosen for the following reasons:
 -Easier to keep emergency first aid equipment at the proper temperature for correct operation (computer, video recorder, and defibrillator).
 -More room to carry the necessary equipment required to provide emergency services.
 -Vehicle sits higher for better visibility while driving in city traffic.
 -Better ergonomics for the patrol officer, reducing workman's compensation claims.
 -All-wheel drive and higher frame clearance makes it less prone to getting stuck during heavy snow events.
 -The center console, rear cage area and emergency lights are vehicle specific and we have cost savings through harvesting and reusing parts between decommissioning and replacing new vehicles.
 -Ford discontinued the police sedan in 2019.

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	30,857					30,857
Total	30,857					30,857

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	30,857					30,857
Total	30,857					30,857

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Police Department
 Contact Public Works Director
 Type Vehicle
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # PDPA 22-09
 Project Name Replace Unit 19-16 Ford Interceptor SUV

Description Total Project Cost: \$30,857
 Replace Unit 19-16 (2016) Ford Interceptor SUV
 Scheduled replacement of marked, semi-marked, and unmarked police service vehicles.
 All wheel drive SUV's have continued to prove their importance in our winter climate and regular extreme weather events. They provide sufficient room for increasing quantities of equipment needed to perform duties. Non-patrol vehicles must still blend in with the general public to perform law enforcement tasks, e.g. surveillance-moving and stationary, room for a long gun in the rear portion area and other emergency equipment. Vehicle replacement is delayed as appropriate based on condition and repairs. Ford Motor Company didn't manufacture police vehicles in 2020 citing new model coming out. This has resulted in increased maintenance fees and vehicles overdue for decommissioning.

Justification
 Police service vehicles are considered basic, necessary equipment needed for law enforcement and public safety functions. Police service vehicles are limited to what the three major vehicle manufacturers produce. The Utility vehicle has been tested and compared to pursuit rated models and found to be the best for our needs.
 The Utility was chosen for the following reasons:
 -Easier to keep emergency first aid equipment at the proper temperature for correct operation (computer, video recorder, and defibrillator).
 -More room to carry the necessary equipment required to provide emergency services.
 -Vehicle sits higher for better visibility while driving in city traffic.
 -Better ergonomics for the patrol officer, reducing workman's compensation claims.
 -All-wheel drive and higher frame clearance makes it less prone to getting stuck during heavy snow events.
 -The center console, rear cage area and emergency lights are vehicle specific and we have cost savings through harvesting and reusing parts between decommissioning and replacing new vehicles.
 -Ford discontinued the police sedan in 2019.

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	30,857					30,857
Total	30,857					30,857

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	30,857					30,857
Total	30,857					30,857

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Police Department
 Contact Public Works Director
 Type Unassigned
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # PDPA 22-10
 Project Name New - F450 (shared asset with SWAT)

Description Total Project Cost: \$12,500
 Ford F450 - Truck to Pull "Rook" SWAT Skidsteer
 Shared asset with Fargo/West Fargo/Cass/Clay counties. Payment is split with municipalities per Tory.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	12,500					12,500
Total	12,500					12,500

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	12,500					12,500
Total	12,500					12,500

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Police Department

Contact Police Captain

Project # PDRW 22-01
 Project Name Replace MVR Server

Type Equipment

Useful Life 5 years

Category Equipment

Priority n/a

Description Total Project Cost: \$22,000
 Replace MVR Server
 The video storage server for the WatchGuard police video system being used in the patrol officer cars and law enforcement center interview rooms is scheduled for replacement on a 5 year life expectancy plan.

Justification
 An increasing amount of video and data is being realized each year from the time that this server was initially put into service. The initial anticipated life expectancy of this equipment may be impacted by the increased volume of usage. City of Moorhead I.T. handles all the logistics and planning for this device with the ability to have consultation about possible life expectancy extensions or necessity for immediate replacement.

Expenditures	2022	2023	2024	2025	2026	Total
Electronic Equipment	22,000					22,000
Total	22,000					22,000

Funding Sources	2022	2023	2024	2025	2026	Total
Radio/Weapon Fund	22,000					22,000
Total	22,000					22,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Police Department
 Contact Public Works Director
 Type Vehicle
 Useful Life 13 years
 Category Vehicles
 Priority n/a

Project # PDYS 22-01
 Project Name Replace Unit 24 Ford E350 Econoline

Description Total Project Cost: \$31,054
 Replace Unit 24 (2011) Ford E350 Econoline. Scheduled replacement of marked, semi-marked, and unmarked police service vehicles.
 All wheel drive SUV's have continued to prove their importance in our winter climate and regular extreme weather events. They provide sufficient room for increasing quantities of equipment needed to perform duties. Non-patrol vehicles must still blend in with the general public to perform law enforcement tasks, e.g. surveillance-moving and stationary, room for a long gun in the rear portion area and other emergency equipment. Vehicle replacement is delayed as appropriate based on condition and repairs. Ford Motor Company didn't manufacture police vehicles in 2020 citing new model coming out. This has resulted in increased maintenance fees and vehicles overdue for decommissioning.

Justification
 Police service vehicles are considered basic, necessary equipment needed for law enforcement and public safety functions. Police service vehicles are limited to what the three major vehicle manufacturers produce. The Utility vehicle has been tested and compared to pursuit rated models and found to be the best for our needs.
 The Utility was chosen for the following reasons:
 -Easier to keep emergency first aid equipment at the proper temperature for correct operation (computer, video recorder, and defibrillator).
 -More room to carry the necessary equipment required to provide emergency services.
 -Vehicle sits higher for better visibility while driving in city traffic.
 -Better ergonomics for the patrol officer, reducing workman's compensation claims.
 -All-wheel drive and higher frame clearance makes it less prone to getting stuck during heavy snow events.
 -The center console, rear cage area and emergency lights are vehicle specific and we have cost savings through harvesting and reusing parts between decommissioning and replacing new vehicles.
 -Ford discontinued the police sedan in 2019.

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	31,054					31,054
Total	31,054					31,054

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	31,054					31,054
Total	31,054					31,054

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Public Works
 Contact Public Works Director
 Type Unassigned
 Useful Life
 Category Buildings
 Priority n/a

Project # PW 00-01
 Project Name F, F & E

Description Total Project Cost: \$625,000
 F, F & E

Justification

Prior	Expenditures	2022	2023	2024	2025	2026	Total
200,000	Furniture/Fixtures/Equipment	50,000	125,000	125,000	125,000		425,000
Total	Total	50,000	125,000	125,000	125,000		425,000

Prior	Funding Sources	2022	2023	2024	2025	2026	Total
200,000	Capital Improvement Fund	50,000	125,000	125,000	125,000		425,000
Total	Total	50,000	125,000	125,000	125,000		425,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Public Works
 Contact Public Works Director
 Type Equipment
 Useful Life 10 years
 Category Equipment
 Priority n/a

Project # STRT 22-01
 Project Name Replace Unit 223 Intl Tandem/Dump/Plow

Description Total Project Cost: \$250,000
 Replace Unit 223 (2011) Intl Tandem/Dump/Plow
 International 7400

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Heavy Equipment	250,000					250,000
Total	250,000					250,000

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	250,000					250,000
Total	250,000					250,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Right Of Way
 Contact
 Type Unassigned
 Useful Life
 Category UNASSIGNED
 Priority n/a

Project # ROW 22-01
 Project Name Replace Unit 857RM Bobcat Toolcat 5610

Description Total Project Cost: \$6,000
 Replace Unit 857RM Bobcat Toolcat 5610 (lease)

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	6,000					6,000
Total	6,000					6,000

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	6,000					6,000
Total	6,000					6,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Sanitation
 Contact Public Works Director
 Type Vehicle
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # SANI 22-01
 Project Name Replace unit 332 2004 Sideloader Garbage Truck

Description Total Project Cost: \$345,977
 Replace unit 332 2004 Condor Sideloader Garbage Truck

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Heavy Equipment	345,977					345,977
Total	345,977					345,977

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	345,977					345,977
Total	345,977					345,977

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Sanitation
 Contact Public Works Director
 Type Vehicle
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # SANI 22-02
 Project Name Caterpillar 938M Front End Loader

Description Total Project Cost: \$300,000
 Caterpillar 938M Front End Loader

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Heavy Equipment	300,000					300,000
Total	300,000					300,000

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	300,000					300,000
Total	300,000					300,000

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Sanitation
 Contact Public Works Director
 Type Vehicle
 Useful Life 5 years
 Category Vehicles
 Priority n/a

Project # SANI 22-03
 Project Name MH3022 Backhoe Material Handler

Description Total Project Cost: \$400,000
 MH3022 Backhoe Material Handler

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Heavy Equipment	400,000					400,000
Total	400,000					400,000

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	400,000					400,000
Total	400,000					400,000

Budget Impact/Other

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Stormwater
 Contact Public Works Director
 Type Maintenance
 Useful Life 20 years
 Category Infrastructure
 Priority n/a

Project # STWT 22-01
 Project Name Flood Mitigation Improvments Local Cost

Description Total Project Cost: \$750,000
 Acquire at-risk flood property and construct various flood mitigation infrastructure projects.

Justification
 Flood mitigation improvements included in the City's Revised Flood Mitigation Plan, adopted by the City Council in 2018, are primarily funded with DNR Flood Damage Reduction (FDR) grant funds. The magnitude and frequency of grant funding has been significantly reduced in recent years. An allocation of local funding is recommended to: 1) pay for costs that are determined to be grant ineligible; 2) provide a small amount of funding, when combined with available grant funds, that allows completion of an acquisition or project without waiting for the next grant allocation (which can be up to 2 years); and 3) continue appraisals, project development, and project design between grant awards in order to expeditiously encumber grant funds when they become available.

Prior	Expenditures	2022	2023	2024	2025	2026	Total
75,000	Construction/Improvements	100,000	125,000	150,000	150,000	150,000	675,000
Total	Total	100,000	125,000	150,000	150,000	150,000	675,000

Prior	Funding Sources	2022	2023	2024	2025	2026	Total
75,000	Storm Sewer Fund	100,000	125,000	150,000	150,000	150,000	675,000
Total	Total	100,000	125,000	150,000	150,000	150,000	675,000

Budget Impact/Other
 Proposed funds have been incorporated into the long-term, 10-year budget forecast for the Stormwater Utility.

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Wastewater
 Contact Engineering
 Type Improvement
 Useful Life
 Category Infrastructure
 Priority n/a

Project # WWT 22-01
 Project Name Sanitary Lift Station #24 & #26 Rehab

Description Total Project Cost: \$723,600
 Rehabilitate Sanitary Lift Stations #24 & #26. Project will include new pumps, controls, piping, valves, metering and new valve/meter vaults, and concrete driveways.

Justification
 Lift Stations #24 & #26 were built in 1991. This is the first major rehabilitation in 30 years. In 2010, a sanitary lift station evaluation was conducted. This evaluation was updated in 2017 and serves as the basis for the City's asset management program for the 45 sanitary lift stations serving the City. Projects were grouped and scheduled considering budget constraints, risk, and conditional assessment. These two lift stations are scheduled for 2022.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	723,600					723,600
Total	723,600					723,600

Funding Sources	2022	2023	2024	2025	2026	Total
Wastewater Fund	723,600					723,600
Total	723,600					723,600

Budget Impact/Other
 Proposed funds have been incorporated into the long-term, 10-year budget forecast for the Wastewater Utility.

Capital Improvement Plan
City of Moorhead, Minnesota

Data in Year 2022

Department Wastewater
 Contact Public Works Director
 Type Vehicle
 Useful Life 20 years
 Category Vehicles
 Priority n/a

Project # WWT 22-03
 Project Name Replace Unit 521 Freightliner Semi-Tractor

Description Total Project Cost: \$92,003
 Replace Unit 521 (2002) Freightliner Semi-Tractor FL-112

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Vehicles	92,003					92,003
Total	92,003					92,003

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	92,003					92,003
Total	92,003					92,003

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Wastewater
 Contact Public Works Director
 Type Equipment
 Useful Life 20 years
 Category Equipment
 Priority n/a

Project # WWT 22-04
 Project Name Replace Unit 585 Katolight Generator

Description Total Project Cost: \$32,442
 Replace Unit 585 (1999) Katolight Generator D60

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Heavy Equipment	32,442					32,442
Total	32,442					32,442

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	32,442					32,442
Total	32,442					32,442

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Wastewater
 Contact Public Works Director
 Type Equipment
 Useful Life 20 years
 Category Equipment
 Priority n/a

Project # WWT 22-05
 Project Name Replace Unit 586 Katolight Generator

Description Total Project Cost: \$32,442
 Replace Unit 585 (1999) Katolight Generator D60

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Heavy Equipment	32,442					32,442
Total	32,442					32,442

Funding Sources	2022	2023	2024	2025	2026	Total
Vehicle Replacement Fund	32,442					32,442
Total	32,442					32,442

Budget Impact/Other

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Wastewater
 Contact Engineering
 Type Equipment
 Useful Life
 Category Equipment
 Priority n/a

Project # WWT 22-06
 Project Name Tablets for mapping software & WWTF SCADA

Description Total Project Cost: \$10,000
 Acquire new tablets for WWT/SWT staff use.

Justification
 Tablets with cellular data to be used in vehicles for access to mapping software and as an interface into the WWT SCADA system.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Improvements	10,000					10,000
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
Wastewater Fund	10,000					10,000
Total	10,000					10,000

Budget Impact/Other
 Proposed funds have been incorporated into the long-term, 10-year budget forecast for the Wastewater Utility.

Capital Improvement Plan
 City of Moorhead, Minnesota

Data in Year 2022

Department Wastewater
 Contact Engineering
 Type Equipment
 Useful Life
 Category Equipment
 Priority n/a

Project # WWT 22-07
 Project Name Chlorine & sulfur dioxide safety equipment

Description Total Project Cost: \$40,000
 Chlorine & sulfur dioxide safety equipment

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Furniture/Fixtures/Equipment	40,000					40,000
Total	40,000					40,000

Funding Sources	2022	2023	2024	2025	2026	Total
Wastewater Fund	40,000					40,000
Total	40,000					40,000

Budget Impact/Other