



STAFF REPORT

DATE: December 1, 2020

AGENDA ITEM: 2021-2025 CIP

TO: Mayor and Council

SUBMITTED BY: Kristina Handt, City Administrator

BACKGROUND:

In May staff developed recommendations for updates to the 2021-2025 Capital Improvement Plan (CIP) working in consultation with the Public Safety Committee, Maintenance Advisory Committee and the Parks Commission. In July, the Finance Committee reviewed the plan and made a recommendation to the Council in August.

The Planning Commission held a public hearing on the 2021-2025 CIP at their November 9, 2020 meeting. There were no public comments at the meeting or written comments received prior. The Planning Commission voted 7-0 to find the CIP consistent with the 2040 Comprehensive Plan.

ISSUE BEFORE COMMISSION:

Should Council approve the 2021-2025 Capital Improvement Plan?

PROPOSAL DETAILS/ANALYSIS:

A copy of the 2021-2025 CIP is included in your packet. It includes projects that cost at least \$25,000 and have a useful life span of five years or longer. Projects are prioritized and funding sources are identified.

The 2021-2025 CIP includes 69 separate projects with a total estimated cost of about \$72 million. These projects include street work, new facilities (city hall and fire station), equipment (fire, public works, parks and utilities), park and trail improvements, and utility infrastructure.

FISCAL IMPACT:

The total estimated costs of all the projects is \$72 million. Funding sources are identified for each project with a summary included on page 13.

OPTIONS:

- 1) Approve the 2021-2025 CIP
- 2) Amend and then Approve the 2020-2024 CIP

RECOMMENDATION:

“Motion to approve the 2021-2025 Capital Improvement Plan”

ATTACHMENT:

- Draft 2021-2025 Capital Improvement Plan



**City of Lake Elmo
Capital Improvement Program
2021 – 2025**

City Council Draft 12/1/20

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INTRODUCTION

What is a CIP?

A Capital Improvement Program, or CIP, is a multi-year (typically 5 years) capital expenditure plan for a city's infrastructure (such as streets, parks and utility systems), vehicles, equipment and public buildings. It identifies the major projects needed and desired by the community, their potential costs and how they would be financed. Including a project in a CIP does not commit the city to that project. The City Council must specifically authorize each one, and the associated funding, before any project may proceed. When the CIP is reviewed (ideally annually, in conjunction with the budgeting process), projects may go forward as planned, advance ahead of schedule, be removed entirely, or new projects may be added, depending upon changes in circumstances and priorities.

The Minnesota Land Planning Act requires that the implementation plan portion of the Comprehensive Plan include a CIP for major infrastructure needs (transportation, wastewater, water supply, parks and open space) for a five-year time period. Cities often expand the scope of their CIPs to include other capital needs (major equipment replacements, for example) and sometimes look beyond the five-year time period, up to 20 years in the future for some projects. Such projects represent more of a "wish-list" that can be evaluated each time the plan is updated.

As a part of the Comprehensive Plan, the CIP has some legal standing. Minnesota Statutes Chapter 473.865 provides that "a local governmental unit shall not adopt any official control or fiscal device which is in conflict with its comprehensive plan." A fiscal device includes a budget or bond issue; so it is important that the plan and CIP be kept-up-to date and in sync with city budgets.

The primary benefit of a CIP is as a financial planning tool to help the city plan for the impact of capital needs on future budgets and property taxes, and to help forecast the need for borrowing to undertake major projects. The information developed as part of the capital planning process can help document the need for various projects and assist the City Council to sort out competing priorities.

Scope of the CIP

Lake Elmo's CIP includes all capital projects that **cost at least \$25,000 and have a useful life span of five years or longer.** Projects include **all capital needs including major repairs to buildings and equipment purchases and replacements.** Any projects not meeting these parameters would be reviewed as part of the annual operating budget, but would not be included in the CIP.

Funding Sources

The CIP identifies a possible funding source(s) for each project listed. The various funding sources are as follows:

Debt Service Fund	<i>Projects financed by borrowing, later to be repaid with property taxes, and potentially special assessments depending upon the characteristics of the project.</i>
General Fund	<i>Annual operating budget, primarily funded by property tax revenues.</i>
Park Improvement Fund	<i>Existing City fund, receipts from cash-in-lieu of land park dedication fees paid by developers and others who subdivide their land.</i>
Stormwater Fund	<i>Funds come from fees paid by users of the Stormwater system</i>
Wastewater Fund	<i>Funds come from fees paid by users of the Wastewater System</i>
Vehicle Replacement Fund	<i>Fund used to segregate funds set aside for planned replacements of existing vehicles. Funds are transferred from the operating budget (primarily property taxes) and the sale of equipment.</i>
Water Fund	<i>Funds come from fees paid by users of the Water System</i>
Municipal State Aid (MSA)	<i>State aid funds allocated to the City each year; annual allocation grows as the City grows.</i>

In addition to these sources, it is possible that future projects could be funded from donations, grants, user fees or other sources not listed.

In 2019 the Vehicle Replacement Fund was revived. The fund balance at 12/31/19 was \$1,261,463 (including bond proceeds of \$698,984). The estimated balance on 12/31/2020 is \$1,265,872. The updated proposed schedule of revenues and expenditures assumes the tax rate is flat in 2021 and then back to the 2% or greater increase in the tax rate each year after that.

Year	Revenue	Expense	Balance
2021	\$260,746	\$810,000	\$716,618
2022	\$150,000	\$417,500	\$449,118
2023	\$175,000	\$469,000	\$155,118
2024	\$200,000	\$239,000	\$116,118
2025	\$200,000	\$55,000	\$261,118
2026	\$200,000	\$65,000	\$396,118
2027	\$366,000	\$1,103,000	-\$340,882
2028	\$650,000	\$0	\$309,118
2029	\$200,000	\$295,000	\$214,118
2030	\$510,000	\$55,000	\$669,118

Revenue from the sale of equipment is not included in the above table.

Project Priorities

Capital improvement projects should be prioritized in some way so that limited funding can be allocated to those which are most important. This is difficult because the varying nature of the projects and their benefits and objectives are so disparate as to be essentially not comparable. Some public agencies have developed elaborate rating and ranking systems to try to set priorities. Complicated scoring systems may have some disadvantages because they may give a false sense of objectivity or precision to the priority setting process. Others use simpler systems, or simply do not try to compare projects that are like “apples and oranges.” There is no accepted system or “industry standard” for prioritizing projects.

The following system has been utilized by staff:

- 1 Critical or urgent, high-priority projects that should be done if at all possible; a special effort should be made to find sufficient funding for all of the projects in this group.
- 2 Very important, high-priority projects that should be done as funding becomes available.
- 3 Important and worthwhile projects to be considered if funding is available; may be deferred to a subsequent year.
- 4 Less important, low-priority projects; desirable but not essential.
- 5 Future Consideration

2021-2025 CIP OVERVIEW

For 2021 through 2025, the draft CIP includes 69 separate projects (active, pending and new recommendations) with a total estimated cost of \$72 million. All cost estimates are preliminary and based on current dollars. No assumptions have been made about inflation. It will be

important to refine and update costs when the plan is reviewed, especially for projects in the first year or two of the plan.

Some projects beyond the five-year planning period are also included in the CIP. Most of these projects are replacements for equipment and vehicles (such as fire trucks) which may have a life span of 10, 15 or 20 years and more. The plan may include “pending” projects for which timelines (and in most cases, cost estimates) have not yet been identified. As more information is developed about the need for, cost, and possible funding sources for these projects, they will be included in future CIP updates.

Street Projects

The update includes the following street projects in the CIP:

- PW-027, Reconstruction of roads in Tamarack Farms, Heritage Farms, 38th St/39th St and Hamlet on Sunfish Lake and Old Village Phase 5 for \$8,168,000 in 2021. Grant contributions are anticipated at \$3,740,000.
- PW-030, CSAH 15/30th St Signal for \$250,000 in 2023.
- PW-031, CSAH6/Inwood Street Signal for \$250,000 in 2024.
- PW-034, 15th St N (MSA Street) for \$1,187,500 in 2022.
- PW-035, UP RR Crossing-Village Parkway for \$525,000 moved to 2022 from 2021.
- PW-036, UP RR Crossing-Private Drive Closure for \$105,000 moved to 2022 from 2021.
- PW-037, UP RR Crossing-Klondike Ave for \$262,500 moved to 2022 from 2021.
- PW-038, Reclaim roads in Fields of St. Croix 1 and 2, Beaut Crest, Irish Ct, remaining OV 5 streets and Old Village Phase 6 streets, Parkview, Cardinal Ridge, Cardinal View, Whistling Valley, and Torres Pines for \$11,554,280 in 2022. Grant contributions are anticipated at \$6,825,000.
- PW-039, Reclaim roads in Tana Ridge, Carriage Station, 59th St Ct/55th St/Julep Way and Old Village Phase 7, \$2,577,246 in 2023.
- PW-040, Reclaim roads to be determined for \$2 million in 2024.
- PW-041, Reclaim roads to be determined for \$2 million in 2025.
- PW-052, Ideal Ave (Phase 2) for \$415,000 in 2022.
- PW-053, Ideal Ave (CSAH 13) from CSAH 14 to CSAH 6, for \$800,000 in 2024.
- PW-057, Manning Phase 3 for \$1,650,000 in 2023.
- PW-058, TH 36/Manning Interchange for \$265,000 in 2021.
- PW-066, Manning Phase 4 (I-94 up to Oakland Middle School) for \$50,000 (planning) in 2024 (new) May not see actual bill from county until construction sometime later.
- PW-067, Manning/Hudson Stoplight for \$250,000 in 2022 is covered by developer. (new)

Project Highlights by Department

Administration/Finance:

- AF-001, New City Hall, Fire Station and Public Works Improvements, is the only request in this department. The project costs have been increased by 3% from the 2018 estimates

from Leo A Daly. The project activities would be split over three years 2020-2022 since the last tenant lease expires in June 2022. However, costs are shown as two separate bond issues.

Building:

- B-002, Replace 2015 Jeep used for inspections in 2021 for \$30,000
- B-003, Replace 2017 Equinox used for inspections in 2022 for \$30,000
- B-004, Replace 2019 Equinox used for inspections in 2024 for \$30,000

Fire:

- F-010, Replace B1 (brush rig) for \$60,000 in 2021.
- F-011, Engine E1 replacement for \$650,000 moved up to 2021
- F-012, Replace B 2 (brush rig) for \$90,000 in 2024
- F-017, Turnout Gear Replacements for \$60,000 in 2022
- F-018, Tahoe CV1 replacement for \$55,000 in 2025
- F-019, Tahoe CV2 replacement for \$52,500 in 2022.

Parks and Recreation:

- PR-009, Central Greenway Regional Trail for \$220,000 in 2023. The segments contemplated in 2023 include the area south of the Lake Elmo Park Preserve entrance along Keats Ave and a connecting segment on CSAH 14 in front of Hagberg's Market.
- PR-015, Dump Truck for \$70,000 in 2021
- PR-017, New or Refurbished Ballfields for \$1 million in 2022.
- PR-019, Dog Park for \$25,000 in 2023
- PR-020, Utility Vehicle/Trail Groomer for \$37,000 in 2024
- PR-021, Neighborhood Trail Connections for \$200,000 in 2021 (could be pushed back to 2023) (new)

Public Works:

- Street Projects were mentioned above
- The remaining projects are equipment purchases. Costs have been updated to reflect more recent pricing. No equipment purchases are proposed for 2021 as the asphalt hot box was moved back to 2022.

Sewer System:

- S-003, Hamlet on Sunfish Lake Sewer, for \$775,000 in 2021. This is per an agreement with MPCA. Included in this cost is city oversizing of \$155,000.
- S-005, Old Village Phase 5, in 2021 to include sewer along 32nd St N for \$2,300,000.
- S-012, Section 36 Trunk Sewer Oversizing for \$120,760 in 2021 and \$32,922 in 2022.
- S-013, Sewer Oversizing for \$1,107,763 in 2021 includes city oversizing contribution of \$1 million to the Old Village Phases and the remaining to developers. Oversizing in 2022 includes oversizing for OV 5 and payments to developers.
- S-016, Old Village Phase 5 and 6, includes the remaining streets from OV 5 and OV 6 for \$1,175,000 in 2022.
- S-017, Old Village Sewer Extension Phase Seven for \$548,625 in 2023

- S-018, Heritage Farms Sewer Extension for \$1,100,000 in 2021
- S-019, Vac Truck for \$250,000 in 2024. Costs to be split between sewer and stormwater funds (new).
- S-020, Sewer Upgrades to provide service to 180 acres for \$2 million (\$1m each in 2021 and 2022) will allow the city to provide sewer to the northwest area, specifically section 16 which is the 180 acres obtained in the 2019 3M lawsuit settlement. (new)

Storm Water System:

- SW-001, Phase 2 Regional Drainage Improvements for \$800,000 in 2023. The costs and dates are estimates and will depend upon development.
- SW-002, Phase 3 Regional Drainage Improvements for \$500,000 in 2024. The costs and dates are estimates and will depend upon development.
- SW-003, Kramer Lake Floodplain Study for \$60,000 in 2024 assumes a grant from the watershed district

Water System:

- W-005, Old Village Phase 5 (32nd St) watermain replacement for \$480,000 in 2021.
- W-006, Elevated Storage Tank #3, for revised estimated costs of \$275,000 in 2021 and 3,200,000 in 2022
- W-008, Village East Trunk Water main, for \$132,000 in 2022 (moved back to coincide with railroad crossing project).
- W-010, Paint Water Tower Tank #2 for \$800,000 in 2023
- W-012, Well #4 pump to be pulled and rebuilt for \$35,000 in 2025.
- W-013, Water main Oversizing for \$326,844 in 2021 and \$152,184 in 2022
- W-018, Water Main extension to Hamlet on Sunfish Lake and 38th/39th St for \$2,805,600 consistent with road work and includes \$284,000 in water funds to accommodate oversizing. Also \$150,000 for water upgrades associated with other road work areas (Heritage Farms, Tamarack).
- W-023, Water Meter Change out for revised cost of \$50,000 each year in 2021-2023
- W-024, Automated Radio Read System for \$300,000 in 2023
- W-025, Old Village Phase 5 and 6 watermain component of \$800,000 in 2022.
- W-026, Old Village water extension Phase Seven for \$265,650 in 2023.
- W-027, Pressure Reduction Station-Connection to WT #3 for revised cost estimate of \$132,000 in 2021
- W-031, Water Main extension to Parkview Estates, Cardinal Ridge, Cardinal View, Torres Pines, Whistling Valley, and Irish Ct consistent with road work and assumes state grants for \$4,231,000 in 2022. Additional \$100,000 is for water system upgrades in Fields 2 and Beaut Crest.
- W-032, water main upgrades in Tana Ridge and Carriage Station in conjunction with road work for \$100,000 in 2023.
- W-033, water main upgrades for \$100,000 in conjunction with annual road work in 2024.
- W-034, water main upgrades for \$100,000 in conjunction with annual road work in 2025.

City of Lake Elmo, Minnesota
Capital Improvement Plan - 2021 - 2025

PROJECT LISTING

Includes Projects from All Years

Admin/Finance Department

<u>Status</u>	<u>Project #</u>	<u>Project Name</u>
Active	AF-001	New City Hall, Fire Station, PW Improvements

Building Department

<u>Status</u>	<u>Project #</u>	<u>Project Name</u>
Active	B-001	Replacement Inspection Truck
New Recommendation	B-002	Inspection Vehicle
New Recommendation	B-003	Inspection Vehicle
New Recommendation	B-004	Inspection Vehicle

Fire Department

<u>Status</u>	<u>Project #</u>	<u>Project Name</u>
Pending	F-005	Replacement of Parking Lot at Station #2
Active	F-001	Rescue Engine E2
Active	F-004	Tender 1
Active	F-007	SCBA Replacements
Active	F-010	B 1
Active	F-011	E1 Engine
Active	F-012	B 2
Active	F-013	T2 Tender/Engine
Active	F-014	Boat and Trailer
Active	F-015	Ranger
Active	F-016	L1 Ladder Truck
Active	F-017	Turnout Gear Replacements
Active	F-018	CV 1 (Tahoe)
Active	F-019	CV 2 (Tahoe)

Parks and Recreation

<u>Status</u>	<u>Project #</u>	<u>Project Name</u>
Pending	PR-002	50th Street Trail
Pending	PR-003	Demontreville Park Improvements
Pending	PR-007	Sunfish Lake Park Improvements
Active	PR-009	Central Greenway Regional Trail
Active	PR-015	Dump Truck
Active	PR-017	New or Refurbished Ballfields
Active	PR-019	Dog Park
Active	PR-020	Utility Vehicle/Trail Groomer
New Recommendation	PR-021	Neighborhood Trail Connections

Public Works Department

<u>Status</u>	<u>Project #</u>	<u>Project Name</u>
Pending	PW-013	2019 Street Improvements
Pending	PW-023	Vac Trailer
Pending	PW-059	Keats Ave/TH 36 Acceleration Lane
Active	PW-004	Loader
Active	PW-006	Tractor
Active	PW-010	Lake Elmo Ave at 5th St Turn Lane
Active	PW-019	PickupTruck / plow

Active	PW-026	2020 Street Improvements
Active	PW-027	2021 Street Improvements
Active	PW-029	CSAH19/Hudson Blvd Signal & Turn Lane
Active	PW-030	CSAH 15/30th Street Signal
Active	PW-031	CSAH 6/Inwood Signal
Active	PW-034	15th Street North (MSA Street)
Active	PW-035	UP RR Crossing - Village Parkway
Active	PW-036	UP RR Crossing - Private Drive Closure
Active	PW-037	UP RR Crossing: Klondike Ave
Active	PW-038	2022 Street Improvements
Active	PW-039	2023 Street Improvements
Active	PW-040	2024 Street Improvements
Active	PW-041	2025 Street Improvements
Active	PW-042	2026 Street Improvements
Active	PW-043	Service Truck
Active	PW-044	Back Hoe
Active	PW-045	Tandem Plow Truck
Active	PW-047	Dump Truck w/Plow
Active	PW-048	Mini Loader
Active	PW-049	Asphalt Hot Box
Active	PW-050	Dump Truck with Plow
Active	PW-052	Ideal Ave (CSAH 13) Phase 2
Active	PW-053	Ideal Ave (CSAH 13)-Phase 3- CSAH 14 to CSAH 6
Active	PW-054	Skidloader
Active	PW-055	2027 Street Improvements
Active	PW-056	2028 Street Improvements
Active	PW-057	Manning Ave Phase 3
Active	PW-058	TH 36/Manning Interchange
Active	PW-060	Pickup w/plow
Active	PW-061	Pickup
Active	PW-062	Dump Truck w/plow, sander & underbody
Active	PW-063	Pickup w/lift gate & plow
Active	PW-064	Pickup w/lift gate & plow
Active	PW-065	Dump Truck w/plow, sander & underbody
Active	PW-066	Manning Phase 4
Active	PW-067	Manning/Hudson Stoplight
Active	PW-068	2029 Steet Improvements
Active	PW-069	5th St./Inwood Ave Signal Light
New Recommendation	PW-070	2030 Street Improvements

Sewer Department

Status	Project #	Project Name
Active	S-003	Hamlet on Sunfish Lake Sewer Extension
Active	S-005	Old Village Sewer Extension Phase 5
Active	S-012	Section 36 Trunk Sewer Main Oversizing
Active	S-013	Sewer Oversizing
Active	S-017	Old Village Sewer Extension Phase 7
Active	S-018	Heritage Farms Sewer Extension
New Recommendation	S-019	VAC Truck
New Recommendation	S-020	Sewer to 180 Acres

Storm Water Department

Status	Project #	Project Name
Active	SW-001	Phase 2 Regional Drainage Improvements
Active	SW-002	Phase 3 Regional Drainage Improvements
Active	SW-003	Kramer Lake Floodplain Study

Water Department

<u>Status</u>	<u>Project #</u>	<u>Project Name</u>
Pending	W-001	2019 Street Improvement Project - water component
Active	W-005	OV Sewer Extension; Phase 5; water component
Active	W-006	Elevated Storage Tank #3
Active	W-007	Hammes Estates 12" bypass
Active	W-008	Village East Trunk Watermain PRV
Active	W-010	Paint Water Tank at PW
Active	W-012	Well #4 Pump - Pull and Rebuild
Active	W-013	Watermain Oversizing
Active	W-014	Well & Pumphouse #5
Active	W-017	2020 Street & Utility Improvements-Water
Active	W-018	2021 Street & Utility Improvements-Water
Active	W-022	Utility Truck
Active	W-023	Water Meter Change Out
Active	W-024	Automated Radio Read System
Active	W-025	OV sewer extension phase 6 & 5; water component
Active	W-026	OV sewer extension Phase 7; water component
Active	W-027	Pressure Reduction Station-Connection to WT #3
Active	W-029	31st St Area Water Extension
Active	W-031	2022 Street Projects-water component
Active	W-032	2023 Street Projects-water component
Active	W-033	2024 Street Projects-water component
Active	W-034	2025 Street Projects-water component

City of Lake Elmo, Minnesota
Capital Improvement Plan - 2021 - 2025
 2021 thru 2025

PROJECTS BY YEAR & PRIORITY

Project Name	Department	Project #	Priority	Project Cost
2021				
Priority 1 Critical				
E1 Engine	Fire Department	F-011	1	650,000
Elevated Storage Tank #3	Water Department	W-006	1	275,000
Water Meter Change Out	Water Department	W-023	1	50,000
<i>Total for: Priority 1</i>				975,000
Priority 2 Very Important				
New City Hall, Fire Station, PW Improvements	Admin/Finance Department	AF-001	2	5,896,750
Inspection Vehicle	Building Department	B-002	2	30,000
Neighborhood Trail Connections	Parks and Recreation	PR-021	2	200,000
TH 36/Manning Interchange	Public Works Department	PW-058	2	265,000
<i>Total for: Priority 2</i>				6,391,750
Priority 3 Important				
B 1	Fire Department	F-010	3	60,000
Dump Truck	Parks and Recreation	PR-015	3	70,000
2021 Street Improvements	Public Works Department	PW-027	3	8,168,000
Hamlet on Sunfish Lake Sewer Extension	Sewer Department	S-003	3	883,000
Old Village Sewer Extension Phase 5	Sewer Department	S-005	3	2,298,100
Section 36 Trunk Sewer Main Oversizing	Sewer Department	S-012	3	120,760
Sewer Oversizing	Sewer Department	S-013	3	107,763
Heritage Farms Sewer Extension	Sewer Department	S-018	3	1,100,000
Sewer to 180 Acres	Sewer Department	S-020	3	1,000,000
OV Sewer Extension; Phase 5; water component	Water Department	W-005	3	480,000
Watermain Oversizing	Water Department	W-013	3	326,844
2021 Street & Utility Improvements-Water	Water Department	W-018	3	2,805,600
Pressure Reduction Station-Connection to WT #3	Water Department	W-027	3	132,000
<i>Total for: Priority 3</i>				17,552,067
Total for 2021				24,918,817

2022				
Priority 1 Critical				
Turnout Gear Replacements	Fire Department	F-017	1	60,000
New or Refurbished Ballfields	Parks and Recreation	PR-017	1	1,000,000
Dump Truck with Plow	Public Works Department	PW-050	1	265,000
Elevated Storage Tank #3	Water Department	W-006	1	3,200,000
Water Meter Change Out	Water Department	W-023	1	50,000
<i>Total for: Priority 1</i>				4,575,000
Priority 2 Very Important				
New City Hall, Fire Station, PW Improvements	Admin/Finance Department	AF-001	2	5,381,750
UP RR Crossing - Village Parkway	Public Works Department	PW-035	2	525,000

Project Name	Department	Project #	Priority	Project Cost
UP RR Crossing - Private Drive Closure	Public Works Department	PW-036	2	105,000
UP RR Crossing: Klondike Ave	Public Works Department	PW-037	2	262,500
Manning/Hudson Stoplight	Public Works Department	PW-067	2	250,000
Village East Trunk Watermain PRV	Water Department	W-008	2	132,000
<i>Total for: Priority 2</i>				6,656,250
<i>Priority 3 Important</i>				
Inspection Vehicle	Building Department	B-003	3	30,000
CV 2 (Tahoe)	Fire Department	F-019	3	52,500
15th Street North (MSA Street)	Public Works Department	PW-034	3	1,187,500
2022 Street Improvements	Public Works Department	PW-038	3	11,554,280
Ideal Ave (CSAH 13) Phase 2	Public Works Department	PW-052	3	415,000
Skidloader	Public Works Department	PW-054	3	70,000
Old Village Sewer Extension Phase 5	Sewer Department	S-005	3	1,400,400
Section 36 Trunk Sewer Main Oversizing	Sewer Department	S-012	3	32,922
Sewer to 180 Acres	Sewer Department	S-020	3	1,000,000
Watermain Oversizing	Water Department	W-013	3	152,184
OV sewer extension phase 6 & 5; water component	Water Department	W-025	3	800,000
2022 Street Projects-water component	Water Department	W-031	3	4,331,000
<i>Total for: Priority 3</i>				21,025,786
<i>Priority 4 Less Important</i>				
Asphalt Hot Box	Public Works Department	PW-049	4	50,000
<i>Total for: Priority 4</i>				50,000
Total for 2022				32,307,036

2023

Priority 1 Critical

Water Meter Change Out	Water Department	W-023	1	50,000
<i>Total for: Priority 1</i>				50,000

Priority 2 Very Important

Loader	Public Works Department	PW-004	2	185,000
Tractor	Public Works Department	PW-006	2	130,000
Back Hoe	Public Works Department	PW-044	2	85,000
Mini Loader	Public Works Department	PW-048	2	120,000
<i>Total for: Priority 2</i>				520,000

Priority 3 Important

Central Greenway Regional Trail	Parks and Recreation	PR-009	3	220,000
CSAH 15/30th Street Signal	Public Works Department	PW-030	3	250,000
2023 Street Improvements	Public Works Department	PW-039	3	2,577,246
Manning Ave Phase 3	Public Works Department	PW-057	3	1,650,000
Old Village Sewer Extension Phase 7	Sewer Department	S-017	3	548,625
Phase 2 Regional Drainage Improvements	Storm Water Department	SW-001	3	800,000
OV sewer extension Phase 7; water component	Water Department	W-026	3	265,650
2023 Street Projects-water component	Water Department	W-032	3	100,000
<i>Total for: Priority 3</i>				6,411,521

Priority 4 Less Important

Dog Park	Parks and Recreation	PR-019	4	25,000
Paint Water Tank at PW	Water Department	W-010	4	800,000
<i>Total for: Priority 4</i>				825,000

Project Name	Department	Project #	Priority	Project Cost
Total for 2023				7,806,521
2024				
Priority 2 Very Important				
VAC Truck	Sewer Department	S-019	2	250,000
<i>Total for: Priority 2</i>				250,000
Priority 3 Important				
Inspection Vehicle	Building Department	B-004	3	30,000
B 2	Fire Department	F-012	3	90,000
Utility Vehicle/Trail Groomer	Parks and Recreation	PR-020	3	37,000
CSAH 6/Inwood Signal	Public Works Department	PW-031	3	250,000
2024 Street Improvements	Public Works Department	PW-040	3	2,000,000
Ideal Ave (CSAH 13)-Phase 3- CSAH 14 to CSAH 6	Public Works Department	PW-053	3	800,000
Pickup w/plow	Public Works Department	PW-060	3	41,000
Phase 3 Regional Drainage Improvements	Storm Water Department	SW-002	3	500,000
Kramer Lake Floodplain Study	Storm Water Department	SW-003	3	60,000
Automated Radio Read System	Water Department	W-024	3	300,000
2024 Street Projects-water component	Water Department	W-033	3	100,000
<i>Total for: Priority 3</i>				4,208,000
Priority 4 Less Important				
PickupTruck / plow	Public Works Department	PW-019	4	41,000
<i>Total for: Priority 4</i>				41,000
Total for 2024				4,499,000
2025				
Priority 1 Critical				
Manning Phase 4	Public Works Department	PW-066	1	50,000
<i>Total for: Priority 1</i>				50,000
Priority 3 Important				
CV 1 (Tahoe)	Fire Department	F-018	3	55,000
2025 Street Improvements	Public Works Department	PW-041	3	2,000,000
Well #4 Pump - Pull and Rebuild	Water Department	W-012	3	35,000
2025 Street Projects-water component	Water Department	W-034	3	100,000
<i>Total for: Priority 3</i>				2,190,000
Total for 2025				2,240,000
GRAND TOTAL				71,771,374

City of Lake Elmo, Minnesota
Capital Improvement Plan - 2021 - 2025
2021 thru 2025

FUNDING SOURCE SUMMARY

Source	2021	2022	2023	2024	2025	Total
Debt Service	15,733,613	18,293,930	6,375,871	3,300,000	2,000,000	45,703,414
General Fund		135,000			50,000	185,000
Grants/Donation	6,111,600	12,806,000		60,000		18,977,600
Municipal State Aid (MSA)		1,187,500	250,000	250,000		1,687,500
Park Dedication Fund	200,000		245,000			445,000
Sewer Fund	120,760	32,922	17,000	175,000		345,682
Storm Water Fund			17,000	75,000		92,000
Vehicle Replacement Fund	810,000	417,500	469,000	239,000	55,000	1,990,500
Water Fund	942,844	434,184	432,650	400,000	135,000	2,344,678
GRAND TOTAL	23,918,817	33,307,036	7,806,521	4,499,000	2,240,000	71,771,374

City of Lake Elmo, Minnesota
Capital Improvement Plan - 2021 - 2025
 2021 thru 2025

PROJECTS BY FUNDING SOURCE

Source	Project #	Priority	2021	2022	2023	2024	2025	Total
Debt Service								
New City Hall, Fire Station, PW Improvements	AF-001	2	5,896,750	5,381,750				11,278,500
2021 Street Improvements	PW-027	3	4,428,000					4,428,000
UP RR Crossing - Private Drive Closure	PW-036	2		105,000				105,000
UP RR Crossing: Klondike Ave	PW-037	2		262,500				262,500
2022 Street Improvements	PW-038	3		4,729,280				4,729,280
2023 Street Improvements	PW-039	3			2,577,246			2,577,246
2024 Street Improvements	PW-040	3				2,000,000		2,000,000
2025 Street Improvements	PW-041	3					2,000,000	2,000,000
Ideal Ave (CSAH 13) Phase 2	PW-052	3		415,000				415,000
Ideal Ave (CSAH 13)-Phase 3- CSAH 14 to CSAH 6	PW-053	3				800,000		800,000
Manning Ave Phase 3	PW-057	3			1,650,000			1,650,000
TH 36/Manning Interchange	PW-058	2	265,000					265,000
Hamlet on Sunfish Lake Sewer Extension	S-003	3	883,000					883,000
Old Village Sewer Extension Phase 5	S-005	3	2,298,100	1,400,400				3,698,500
Sewer Oversizing	S-013	3	107,763					107,763
Old Village Sewer Extension Phase 7	S-017	3			548,625			548,625
Heritage Farms Sewer Extension	S-018	3	1,100,000					1,100,000
Sewer to 180 Acres	S-020	3		2,000,000				2,000,000
Phase 2 Regional Drainage Improvements	SW-001	3			800,000			800,000
Phase 3 Regional Drainage Improvements	SW-002	3				500,000		500,000
OV Sewer Extension; Phase 5; water component	W-005	3	480,000					480,000
Elevated Storage Tank #3	W-006	1	275,000	3,200,000				3,475,000
Paint Water Tank at PW	W-010	4			800,000			800,000
OV sewer extension phase 6 & 5; water component	W-025	3		800,000				800,000
Debt Service Total			15,733,613	18,293,930	6,375,871	3,300,000	2,000,000	45,703,414
General Fund								
Turnout Gear Replacements	F-017	1		60,000				60,000
UP RR Crossing - Village Parkway	PW-035	2		25,000				25,000
Asphalt Hot Box	PW-049	4		50,000				50,000
Manning Phase 4	PW-066	1					50,000	50,000
General Fund Total				135,000			50,000	185,000
Grants/Donation								
New or Refurbished Ballfields	PR-017	1		1,000,000				1,000,000
2021 Street Improvements	PW-027	3	3,740,000					3,740,000
UP RR Crossing - Village Parkway	PW-035	2		500,000				500,000
2022 Street Improvements	PW-038	3		6,825,000				6,825,000
Manning/Hudson Stoplight	PW-067	2		250,000				250,000
Kramer Lake Floodplain Study	SW-003	3				60,000		60,000
2021 Street & Utility Improvements-Water	W-018	3	2,371,600					2,371,600
2022 Street Projects-water component	W-031	3		4,231,000				4,231,000

Source	Project #	Priority	2021	2022	2023	2024	2025	Total
Grants/Donation Total			6,111,600	12,806,000		60,000		18,977,600
Municipal Sate Aid (MSA)								
CSAH 15/30th Street Signal	PW-030	3			250,000			250,000
CSAH 6/Inwood Signal	PW-031	3				250,000		250,000
15th Street North (MSA Street)	PW-034	3		1,187,500				1,187,500
Municipal Sate Aid (MSA) Total				1,187,500	250,000	250,000		1,687,500
Park Dedication Fund								
Central Greenway Regional Trail	PR-009	3			220,000			220,000
Dog Park	PR-019	4			25,000			25,000
Neighborhood Trail Connections	PR-021	2	200,000					200,000
Park Dedication Fund Total			200,000		245,000			445,000
Sewer Fund								
Back Hoe	PW-044	2			17,000			17,000
Section 36 Trunk Sewer Main Oversizing	S-012	3	120,760	32,922				153,682
VAC Truck	S-019	2				175,000		175,000
Sewer Fund Total			120,760	32,922	17,000	175,000		345,682
Storm Water Fund								
Back Hoe	PW-044	2			17,000			17,000
VAC Truck	S-019	2				75,000		75,000
Storm Water Fund Total					17,000	75,000		92,000
Vehicle Replacement Fund								
Inspection Vehcile	B-002	2	30,000					30,000
Inspection Vehcile	B-003	3		30,000				30,000
Inspection Vehicle	B-004	3				30,000		30,000
B 1	F-010	3	60,000					60,000
E1 Engine	F-011	1	650,000					650,000
B 2	F-012	3				90,000		90,000
CV 1 (Tahoe)	F-018	3					55,000	55,000
CV 2 (Tahoe)	F-019	3		52,500				52,500
Dump Truck	PR-015	3	70,000					70,000
Utility Vehcile/Trail Groomer	PR-020	3				37,000		37,000
Loader	PW-004	2			185,000			185,000
Tractor	PW-006	2			130,000			130,000
PickupTruck / plow	PW-019	4				41,000		41,000
Back Hoe	PW-044	2			34,000			34,000
Mini Loader	PW-048	2			120,000			120,000
Dump Truck with Plow	PW-050	1		265,000				265,000
Skidloader	PW-054	3		70,000				70,000
Pickup w/plow	PW-060	3				41,000		41,000
Vehicle Replacement Fund Total			810,000	417,500	469,000	239,000	55,000	1,990,500

Source	Project #	Priority	2021	2022	2023	2024	2025	Total
Water Fund								
Back Hoe	PW-044	2			17,000			17,000
Village East Trunk Watermain PRV	W-008	2		132,000				132,000
Well #4 Pump - Pull and Rebuild	W-012	3					35,000	35,000
Watermain Oversizing	W-013	3	326,844	152,184				479,028
2021 Street & Utility Improvements-Water	W-018	3	434,000					434,000
Water Meter Change Out	W-023	1	50,000	50,000	50,000			150,000
Automated Radio Read System	W-024	3				300,000		300,000
OV sewer extension Phase 7; water component	W-026	3			265,650			265,650
Pressure Reduction Station-Connection to WT #3	W-027	3	132,000					132,000
2022 Street Projects-water component	W-031	3		100,000				100,000
2023 Street Projects-water component	W-032	3			100,000			100,000
2024 Street Projects-water component	W-033	3				100,000		100,000
2025 Street Projects-water component	W-034	3					100,000	100,000
Water Fund Total			942,844	434,184	432,650	400,000	135,000	2,344,678
GRAND TOTAL			23,918,817	33,307,036	7,806,521	4,499,000	2,240,000	71,771,374

City of Lake Elmo, Minnesota
Capital Improvement Plan - 2021 - 2025
2021 thru 2030

PROJECTS BY FUNDING SOURCE

Source	#	Priority	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Debt Service													
New City Hall, Fire Station, PW Improvements	AF-001	2	5,896,750	5,381,750									11,278,500
2021 Street Improvements	PW-027	3	4,428,000										4,428,000
UP RR Crossing - Private Drive Closure	PW-036	2		105,000									105,000
UP RR Crossing: Klondike Ave	PW-037	2		262,500									262,500
2022 Street Improvements	PW-038	3		4,729,280									4,729,280
2023 Street Improvements	PW-039	3			2,577,246								2,577,246
2024 Street Improvements	PW-040	3				2,000,000							2,000,000
2025 Street Improvements	PW-041	3					2,000,000						2,000,000
2026 Street Improvements	PW-042	3						2,000,000					2,000,000
Ideal Ave (CSAH 13) Phase 2	PW-052	3		415,000									415,000
Ideal Ave (CSAH 13)-Phase 3- CSAH 14 to CSAH 6	PW-053	3				800,000							800,000
2027 Street Improvements	PW-055	3							2,000,000				2,000,000
2028 Street Improvements	PW-056	3								2,000,000			2,000,000
Manning Ave Phase 3	PW-057	3			1,650,000								1,650,000
TH 36/Manning Interchange	PW-058	2	265,000										265,000
2029 Steet Improvements	PW-068	3									2,000,000		2,000,000
2030 Street Improvements	PW-070	3										2,000,000	2,000,000
Hamlet on Sunfish Lake Sewer Extension	S-003	3	883,000										883,000
Old Village Sewer Extension Phase 5	S-005	3	2,298,100	1,400,400									3,698,500
Sewer Oversizing	S-013	3	107,763										107,763
Old Village Sewer Extension Phase 7	S-017	3			548,625								548,625
Heritage Farms Sewer Extension	S-018	3	1,100,000										1,100,000
Sewer to 180 Acres	S-020	3		2,000,000									2,000,000
Phase 2 Regional Drainage Improvements	SW-001	3			800,000								800,000

Source	#	Priority	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Phase 3 Regional Drainage Improvements	SW-002	3				500,000							500,000
OV Sewer Extension; Phase 5; water component	W-005	3	480,000										480,000
Elevated Storage Tank #3	W-006	1	275,000	3,200,000									3,475,000
Paint Water Tank at PW	W-010	4			800,000								800,000
OV sewer extension phase 6 & 5; water component	W-025	3		800,000									800,000
Debt Service Total			15,733,613	18,293,930	6,375,871	3,300,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	55,703,414

General Fund

Turnout Gear Replacements	F-017	1		60,000									60,000
UP RR Crossing - Village Parkway	PW-035	2		25,000									25,000
Asphalt Hot Box	PW-049	4		50,000									50,000
Manning Phase 4	PW-066	1					50,000						50,000
General Fund Total				135,000			50,000						185,000

Grants/Donation

Ranger	F-015	3									16,000		16,000
New or Refurbished Ballfields	PR-017	1		1,000,000									1,000,000
2021 Street Improvements	PW-027	3	3,740,000										3,740,000
UP RR Crossing - Village Parkway	PW-035	2		500,000									500,000
2022 Street Improvements	PW-038	3		6,825,000									6,825,000
Manning/Hudson Stoplight	PW-067	2		250,000									250,000
Kramer Lake Floodplain Study	SW-003	3				60,000							60,000
2021 Street & Utility Improvements-Water	W-018	3	2,371,600										2,371,600
2022 Street Projects-water component	W-031	3		4,231,000									4,231,000
Grants/Donation Total			6,111,600	12,806,000		60,000					16,000		18,993,600

Municipal Sate Aid (MSA)

CSAH 15/30th Street Signal	PW-030	3			250,000								250,000
CSAH 6/Inwood Signal	PW-031	3				250,000							250,000
15th Street North (MSA Street)	PW-034	3		1,187,500									1,187,500
Municipal Sate Aid (MSA) Total				1,187,500	250,000	250,000							1,687,500

Source	#	Priority	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Park Dedication Fund													
Central Greenway Regional Trail	PR-009	3			220,000								220,000
Dog Park	PR-019	4			25,000								25,000
Neighborhood Trail Connections	PR-021	2	200,000										200,000
Park Dedication Fund Total			200,000		245,000								445,000
Sewer Fund													
Back Hoe	PW-044	2			17,000								17,000
Section 36 Trunk Sewer Main Oversizing	S-012	3	120,760	32,922									153,682
VAC Truck	S-019	2				175,000							175,000
Sewer Fund Total			120,760	32,922	17,000	175,000							345,682
Storm Water Fund													
Back Hoe	PW-044	2			17,000								17,000
VAC Truck	S-019	2				75,000							75,000
Storm Water Fund Total					17,000	75,000							92,000
Vehicle Replacement Fund													
Inspection Vehicle	B-002	2	30,000					30,000					60,000
Inspection Vehicle	B-003	3		30,000					30,000				60,000
Inspection Vehicle	B-004	3				30,000				30,000			60,000
B 1	F-010	3	60,000										60,000
E1 Engine	F-011	1	650,000										650,000
B 2	F-012	3				90,000							90,000
T2 Tender/Engine	F-013	4							650,000				650,000
Boat and Trailer	F-014	3							20,000				20,000
CV 1 (Tahoe)	F-018	3					55,000					55,000	110,000
CV 2 (Tahoe)	F-019	3		52,500					63,000				115,500
Dump Truck	PR-015	3	70,000										70,000
Utility Vehicle/Trail Groomer	PR-020	3				37,000							37,000
Loader	PW-004	2			185,000								185,000
Tractor	PW-006	2			130,000								130,000
Pickup Truck / plow	PW-019	4				41,000							41,000
Back Hoe	PW-044	2			34,000								34,000
Mini Loader	PW-048	2			120,000								120,000

Source	#	Priority	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Dump Truck with Plow	PW-050	1		265,000									265,000
Skidloader	PW-054	3		70,000									70,000
Pickup w/plow	PW-060	3				41,000							41,000
Pickup	PW-061	3						35,000					35,000
Dump Truck w/plow, sander & underbody	PW-062	3							250,000				250,000
Pickup w/lift gate & plow	PW-063	3							45,000				45,000
Pickup w/lift gate & plow	PW-064	3							45,000				45,000
Dump Truck w/plow, sander & underbody	PW-065	3									265,000		265,000
Vehicle Replacement Fund Total			810,000	417,500	469,000	239,000	55,000	65,000	1,103,000		295,000	55,000	3,508,500
Water Fund													
Back Hoe	PW-044	2			17,000								17,000
Village East Trunk Watermain PRV	W-008	2		132,000									132,000
Well #4 Pump - Pull and Rebuild	W-012	3					35,000						35,000
Watermain Oversizing	W-013	3	326,844	152,184									479,028
2021 Street & Utility Improvements-Water	W-018	3	434,000										434,000
Water Meter Change Out	W-023	1	50,000	50,000	50,000								150,000
Automated Radio Read System	W-024	3				300,000							300,000
OV sewer extension Phase 7; water component	W-026	3			265,650								265,650
Pressure Reduction Station-Connection to WT #3	W-027	3	132,000										132,000
2022 Street Projects-water component	W-031	3		100,000									100,000
2023 Street Projects-water component	W-032	3			100,000								100,000
2024 Street Projects-water component	W-033	3				100,000							100,000
2025 Street Projects-water component	W-034	3					100,000						100,000
Water Fund Total			942,844	434,184	432,650	400,000	135,000						2,344,678
GRAND TOTAL			23,918,817	33,307,036	7,806,521	4,499,000	2,240,000	2,065,000	3,103,000	2,000,000	2,311,000	2,055,000	83,305,374

City of Lake Elmo, Minnesota
Capital Improvement Plan - 2021 - 2025
 2021 thru 2025

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	Priority	2021	2022	2023	2024	2025	Total
Admin/Finance Department								
New City Hall, Fire Station, PW Improvements <i>Debt Service</i>	AF-001	2	5,896,750	5,381,750				11,278,500
			<i>5,896,750</i>	<i>5,381,750</i>				<i>11,278,500</i>
Admin/Finance Department Total			5,896,750	5,381,750				11,278,500
Building Department								
Inspection Vehcile <i>Vehicle Replacement Fund</i>	B-002	2	30,000					30,000
			<i>30,000</i>					<i>30,000</i>
Inspection Vehcile <i>Vehicle Replacement Fund</i>	B-003	3		30,000				30,000
				<i>30,000</i>				<i>30,000</i>
Inspection Vehcile <i>Vehicle Replacement Fund</i>	B-004	3				30,000		30,000
						<i>30,000</i>		<i>30,000</i>
Building Department Total			30,000	30,000		30,000		90,000
Fire Department								
B 1 <i>Vehicle Replacement Fund</i>	F-010	3	60,000					60,000
			<i>60,000</i>					<i>60,000</i>
E1 Engine <i>Vehicle Replacement Fund</i>	F-011	1	650,000					650,000
			<i>650,000</i>					<i>650,000</i>
B 2 <i>Vehicle Replacement Fund</i>	F-012	3				90,000		90,000
						<i>90,000</i>		<i>90,000</i>
Turnout Gear Replacements <i>General Fund</i>	F-017	1		60,000				60,000
				<i>60,000</i>				<i>60,000</i>
CV 1 (Tahoe) <i>Vehicle Replacement Fund</i>	F-018	3					55,000	55,000
							<i>55,000</i>	<i>55,000</i>
CV 2 (Tahoe) <i>Vehicle Replacement Fund</i>	F-019	3		52,500				52,500
				<i>52,500</i>				<i>52,500</i>
Fire Department Total			710,000	112,500		90,000	55,000	967,500
Parks and Recreation								
Central Greenway Regional Trail <i>Park Dedication Fund</i>	PR-009	3			220,000			220,000
					<i>220,000</i>			<i>220,000</i>
Dump Truck <i>Vehicle Replacement Fund</i>	PR-015	3	70,000					70,000
			<i>70,000</i>					<i>70,000</i>
New or Refurbished Ballfields <i>Grants/Donation</i>	PR-017	1		1,000,000				1,000,000
				<i>1,000,000</i>				<i>1,000,000</i>
Dog Park <i>Park Dedication Fund</i>	PR-019	4			25,000			25,000
					<i>25,000</i>			<i>25,000</i>
Utility Vehcile/Trail Groomer <i>Vehicle Replacement Fund</i>	PR-020	3				37,000		37,000
						<i>37,000</i>		<i>37,000</i>
Neighborhood Trail Connections <i>Park Dedication Fund</i>	PR-021	2	200,000					200,000
			<i>200,000</i>					<i>200,000</i>

Department	Project #	Priority	2021	2022	2023	2024	2025	Total
Parks and Recreation Total			270,000	1,000,000	245,000	37,000		1,552,000
Public Works Department								
Loader	PW-004	2			185,000			185,000
<i>Vehicle Replacement Fund</i>					<i>185,000</i>			<i>185,000</i>
Tractor	PW-006	2			130,000			130,000
<i>Vehicle Replacement Fund</i>					<i>130,000</i>			<i>130,000</i>
Pickup Truck / plow	PW-019	4				41,000		41,000
<i>Vehicle Replacement Fund</i>						<i>41,000</i>		<i>41,000</i>
2021 Street Improvements	PW-027	3	8,168,000					8,168,000
<i>Debt Service</i>			<i>4,428,000</i>					<i>4,428,000</i>
<i>Grants/Donation</i>			<i>3,740,000</i>					<i>3,740,000</i>
CSAH 15/30th Street Signal	PW-030	3			250,000			250,000
<i>Municipal State Aid (MSA)</i>					<i>250,000</i>			<i>250,000</i>
CSAH 6/Inwood Signal	PW-031	3				250,000		250,000
<i>Municipal State Aid (MSA)</i>						<i>250,000</i>		<i>250,000</i>
15th Street North (MSA Street)	PW-034	3		1,187,500				1,187,500
<i>Municipal State Aid (MSA)</i>				<i>1,187,500</i>				<i>1,187,500</i>
UP RR Crossing - Village Parkway	PW-035	2		525,000				525,000
<i>General Fund</i>				<i>25,000</i>				<i>25,000</i>
<i>Grants/Donation</i>				<i>500,000</i>				<i>500,000</i>
UP RR Crossing - Private Drive Closure	PW-036	2		105,000				105,000
<i>Debt Service</i>				<i>105,000</i>				<i>105,000</i>
UP RR Crossing: Klondike Ave	PW-037	2		262,500				262,500
<i>Debt Service</i>				<i>262,500</i>				<i>262,500</i>
2022 Street Improvements	PW-038	3		11,554,280				11,554,280
<i>Debt Service</i>				<i>4,729,280</i>				<i>4,729,280</i>
<i>Grants/Donation</i>				<i>6,825,000</i>				<i>6,825,000</i>
2023 Street Improvements	PW-039	3			2,577,246			2,577,246
<i>Debt Service</i>					<i>2,577,246</i>			<i>2,577,246</i>
2024 Street Improvements	PW-040	3				2,000,000		2,000,000
<i>Debt Service</i>						<i>2,000,000</i>		<i>2,000,000</i>
2025 Street Improvements	PW-041	3					2,000,000	2,000,000
<i>Debt Service</i>							<i>2,000,000</i>	<i>2,000,000</i>
Back Hoe	PW-044	2			85,000			85,000
<i>Sewer Fund</i>					<i>17,000</i>			<i>17,000</i>
<i>Storm Water Fund</i>					<i>17,000</i>			<i>17,000</i>
<i>Vehicle Replacement Fund</i>					<i>34,000</i>			<i>34,000</i>
<i>Water Fund</i>					<i>17,000</i>			<i>17,000</i>
Mini Loader	PW-048	2			120,000			120,000
<i>Vehicle Replacement Fund</i>					<i>120,000</i>			<i>120,000</i>
Asphalt Hot Box	PW-049	4		50,000				50,000
<i>General Fund</i>				<i>50,000</i>				<i>50,000</i>
Dump Truck with Plow	PW-050	1		265,000				265,000
<i>Vehicle Replacement Fund</i>				<i>265,000</i>				<i>265,000</i>
Ideal Ave (CSAH 13) Phase 2	PW-052	3		415,000				415,000
<i>Debt Service</i>				<i>415,000</i>				<i>415,000</i>
Ideal Ave (CSAH 13)-Phase 3- CSAH 14 to CSAH 6	PW-053	3				800,000		800,000
<i>Debt Service</i>						<i>800,000</i>		<i>800,000</i>
Skidloader	PW-054	3		70,000				70,000
<i>Vehicle Replacement Fund</i>				<i>70,000</i>				<i>70,000</i>
Manning Ave Phase 3	PW-057	3			1,650,000			1,650,000
<i>Debt Service</i>					<i>1,650,000</i>			<i>1,650,000</i>
TH 36/Manning Interchange	PW-058	2	265,000					265,000

Department	Project #	Priority	2021	2022	2023	2024	2025	Total
<i>Debt Service</i>			265,000					265,000
Pickup w/plow	PW-060	3				41,000		41,000
<i>Vehicle Replacement Fund</i>						41,000		41,000
Manning Phase 4	PW-066	1					50,000	50,000
<i>General Fund</i>							50,000	50,000
Manning/Hudson Spotlight	PW-067	2		250,000				250,000
<i>Grants/Donation</i>				250,000				250,000
Public Works Department Total			8,433,000	14,684,280	4,997,246	3,132,000	2,050,000	33,296,526

Sewer Department

Hamlet on Sunfish Lake Sewer Extension	S-003	3	883,000					883,000
<i>Debt Service</i>			883,000					883,000
Old Village Sewer Extension Phase 5	S-005	3	2,298,100	1,400,400				3,698,500
<i>Debt Service</i>			2,298,100	1,400,400				3,698,500
Section 36 Trunk Sewer Main Oversizing	S-012	3	120,760	32,922				153,682
<i>Sewer Fund</i>			120,760	32,922				153,682
Sewer Oversizing	S-013	3	107,763					107,763
<i>Debt Service</i>			107,763					107,763
Old Village Sewer Extension Phase 7	S-017	3			548,625			548,625
<i>Debt Service</i>					548,625			548,625
Heritage Farms Sewer Extension	S-018	3	1,100,000					1,100,000
<i>Debt Service</i>			1,100,000					1,100,000
VAC Truck	S-019	2				250,000		250,000
<i>Sewer Fund</i>						175,000		175,000
<i>Storm Water Fund</i>						75,000		75,000
Sewer to 180 Acres	S-020	3	1,000,000	1,000,000				2,000,000
<i>Debt Service</i>				2,000,000				2,000,000
Sewer Department Total			5,509,623	2,433,322	548,625	250,000		8,741,570

Storm Water Department

Phase 2 Regional Drainage Improvements	SW-001	3			800,000			800,000
<i>Debt Service</i>					800,000			800,000
Phase 3 Regional Drainage Improvements	SW-002	3				500,000		500,000
<i>Debt Service</i>						500,000		500,000
Kramer Lake Floodplain Study	SW-003	3				60,000		60,000
<i>Grants/Donation</i>						60,000		60,000
Storm Water Department Total					800,000	560,000		1,360,000

Water Department

OV Sewer Extension; Phase 5; water component	W-005	3	480,000					480,000
<i>Debt Service</i>			480,000					480,000
Elevated Storage Tank #3	W-006	1	275,000	3,200,000				3,475,000
<i>Debt Service</i>			275,000	3,200,000				3,475,000
Village East Trunk Watermain PRV	W-008	2		132,000				132,000
<i>Water Fund</i>				132,000				132,000
Paint Water Tank at PW	W-010	4			800,000			800,000
<i>Debt Service</i>					800,000			800,000
Well #4 Pump - Pull and Rebuild	W-012	3					35,000	35,000
<i>Water Fund</i>							35,000	35,000
Watermain Oversizing	W-013	3	326,844	152,184				479,028
<i>Water Fund</i>			326,844	152,184				479,028
2021 Street & Utility Improvements-Water	W-018	3	2,805,600					2,805,600

Department	Project #	Priority	2021	2022	2023	2024	2025	Total
<i>Grants/Donation</i>			2,371,600					2,371,600
<i>Water Fund</i>			434,000					434,000
Water Meter Change Out	W-023	1	50,000	50,000	50,000			150,000
<i>Water Fund</i>			50,000	50,000	50,000			150,000
Automated Radio Read System	W-024	3				300,000		300,000
<i>Water Fund</i>						300,000		300,000
OV sewer extension phase 6 & 5; water component	W-025	3		800,000				800,000
<i>Debt Service</i>				800,000				800,000
OV sewer extension Phase 7; water component	W-026	3			265,650			265,650
<i>Water Fund</i>					265,650			265,650
Pressure Reduction Station-Connection to WT #3	W-027	3	132,000					132,000
<i>Water Fund</i>			132,000					132,000
2022 Street Projects-water component	W-031	3		4,331,000				4,331,000
<i>Grants/Donation</i>				4,331,000				4,331,000
<i>Water Fund</i>				100,000				100,000
2023 Street Projects-water component	W-032	3			100,000			100,000
<i>Water Fund</i>					100,000			100,000
2024 Street Projects-water component	W-033	3				100,000		100,000
<i>Water Fund</i>						100,000		100,000
2025 Street Projects-water component	W-034	3					100,000	100,000
<i>Water Fund</i>							100,000	100,000
Water Department Total			4,069,444	8,665,184	1,215,650	400,000	135,000	14,485,278
GRAND TOTAL			24,918,817	32,307,036	7,806,521	4,499,000	2,240,000	71,771,374

Capital Improvement Plan - 2021 - 2025

2021 thru 2025

Department Admin/Finance Department

City of Lake Elmo, Minnesota

Contact City Administrator

Project #	AF-001
Project Name	New City Hall, Fire Station, PW Improvements

Type Improvement
 Useful Life 40 years
 Category Buildings
 Priority 2 Very Important
 Status Active

Description

New City Facilities
 1. Space Needs Study in 2017 including fire station and public works needs
 2. cost estimates from BKV Space Needs Study dated November 21, 2017 for public works improvements
 3. cost estimates for new fire station/city hall from Leo A Dlay study April 4, 2018 (\$10.5m) increased for inflation
 4. Public Works Improvements to existing facility
 \$250,000 in 2018 for larger salt shed
 \$515,000 in 2021 for office addition
 \$257,500 in 2021 for yard improvements
 5. New City Hall/Fire Station 2020-2022

Justification

Would allow all staff (except public works) to be at one site, community meeting rooms, updated council chambers. Locate single fire station in more central location with better access to main roads. Brookfield lease was \$33k per year and increasing. Brookfield office building and land purchased in 2018
 Lease expirations:
 3- month to month with 60-90 day notice
 1-annual 12/31/2020
 3-12/31/21
 1-6/30/22
 *relocation costs: personal property moving costs and reestablishment costs

Expenditures	2021	2022	2023	2024	2025	Total
Planning/Design	772,500					772,500
Construction/Maintenance	5,124,250	5,381,750				10,506,000
Total	5,896,750	5,381,750				11,278,500

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service	5,896,750	5,381,750				11,278,500
Total	5,896,750	5,381,750				11,278,500

Budget Impact/Other

Borrowing split over multiple years. 50% of funds borrowed must be spent within 12 months.
 Debt payments to be split amongst General Fund (80%), Water (10%) and Sewer (10%)
 2021: design and preconstruction costs of new city hall/fire station (\$772,500); public works office addition (\$515,000)
 2021: council chambers and fire apparatus bay additions (\$4,351,750) and public works yard impr (\$257,500)
 2022: remodel of Brookfield and repurchase from EDA (\$5,381,750)
 costs are based off of 2019 build estimates and include construction inflation of 3%

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

City of Lake Elmo, Minnesota

Department Building Department

Contact Building Official

Type Equipment

Useful Life 5 years

Category Vehicles

Priority 2 Very Important

Status New Recommendation

Project # B-002
Project Name Inspection Vehicle

Description

Replace 2015 Jeep

Justification

End of Useful Life, currently inoperable

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings	30,000					30,000
Total	30,000					30,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund	30,000					30,000
Total	30,000					30,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

City of Lake Elmo, Minnesota

Department Building Department

Contact Building Official

Type Equipment

Useful Life 5 years

Category Vehicles

Priority 3 Important

Status New Recommendation

Project #	B-003
Project Name	Inspection Vehicle

Description
Replace 2017 Equinox

Justification
End of Useful Life, beginning to incur additional maintenance costs

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings		30,000				30,000
Total		30,000				30,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund		30,000				30,000
Total		30,000				30,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

City of Lake Elmo, Minnesota

Department Building Department

Contact Building Official

Type Equipment

Useful Life 5 years

Category Vehicles

Priority 3 Important

Status New Recommendation

Project #	B-004
Project Name	Inspection Vehicle

Description
Replace 2019 Equinox

Justification
End of Useful Life

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings				30,000		30,000
Total				30,000		30,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund				30,000		30,000
Total				30,000		30,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Fire Department

City of Lake Elmo, Minnesota

Contact Fire Chief

Project #	F-010
Project Name	B 1

Type Equipment

Useful Life 15 years

Category Vehicles

Priority 3 Important

Status Active

Description

Replace 2001 B1
brush/grass rig=F350 w/markings and lighting

Replace just the truck and lights reuse the skid unit

Justification

End of Useful Life
Replaces 2001 F-350

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings	60,000					60,000
Total	60,000					60,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund	60,000					60,000
Total	60,000					60,000

Budget Impact/Other

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Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Fire Department

City of Lake Elmo, Minnesota

Contact Fire Chief

Project #	F-011
Project Name	E1 Engine

Type Equipment

Useful Life 25 years

Category Vehicles

Priority 1 Critical

Status Active

Description

Replacement of 1997 Engine that was refurbished in 2007

Justification

End of Useful Life
 May not be needed if in one station, depending on staffing and pumping capacity

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings	650,000					650,000
Total	650,000					650,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund	650,000					650,000
Total	650,000					650,000

Budget Impact/Other

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Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Fire Department

City of Lake Elmo, Minnesota

Contact Fire Chief

Project #	F-012
Project Name	B 2

Type Equipment

Useful Life 20 years

Category Vehicles

Priority 3 Important

Status Active

Description

Replacement of 2004 B 2
Brush/grass rig

Justification

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings				90,000		90,000
Total				90,000		90,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund				90,000		90,000
Total				90,000		90,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 thru 2025

Department Fire Department

City of Lake Elmo, Minnesota

Contact Fire Chief

Project # F-017
 Project Name Turnout Gear Replacements

Type Maintenance

Useful Life

Category Equipment: Fire Equip

Priority 1 Critical

Status Active

Description

Replacement of 24 sets of turnout gear

Justification

End of useful life

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings		60,000				60,000
Total		60,000				60,000

Funding Sources	2021	2022	2023	2024	2025	Total
General Fund		60,000				60,000
Total		60,000				60,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Fire Department

City of Lake Elmo, Minnesota

Contact Fire Chief

Project #	F-018
Project Name	CV 1 (Tahoe)

Type Equipment

Useful Life 0

Category Vehicles

Priority 3 Important

Status Active

Description

Replace 2015 CV1, (Duty vehicle) w/emergency equipment, lighting and graphics.

Justification

End of manufacturer's warranty.
Optimize resale value. Possible offset of up to \$35,000.00 resale. Will sell as is, or remove emergency equipment for possible reuse and sell as passenger vehicle.

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings					55,000	55,000
Total					55,000	55,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund					55,000	55,000
Total					55,000	55,000

Budget Impact/Other

Less maintenance/repairs required to upkeep new vehicle

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

City of Lake Elmo, Minnesota

Department Fire Department
 Contact Fire Chief
 Type Equipment
 Useful Life 5 years
 Category Vehicles
 Priority 3 Important
 Status Active

Project # F-019
 Project Name CV 2 (Tahoe)

Description
 Replace 2017 CV2, (Duty vehicle) w/emergency equipment, lighting and graphics.

Justification
 End of manufacturer's warranty.
 Optimize resale value. Possible offset of up to \$38,000.00 resale. Will sell as is, or remove emergency equipment for possible reuse and sell as passenger vehicle.

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings		52,500				52,500
Total		52,500				52,500

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund		52,500				52,500
Total		52,500				52,500

Budget Impact/Other
 Less maintenance/repairs required to upkeep new vehicle

Capital Improvement Plan - 2021 - 2025

2021 thru 2025

Department Parks and Recreation

City of Lake Elmo, Minnesota

Contact City Administrator

Project # PR-009
 Project Name Central Greenway Regional Trail

Type Improvement

Useful Life

Category Park Improvements

Priority 3 Important

Status Active

Description

Central Greenway Regional Trail beginning at CSAH 19 and I-94, traveling through Lake Elmo Park Reserve, east along Stillwater Blvd to Manning Ave and then north to TH36.

Justification

Trail would address the following community needs:
 -Deliver students safely to school
 -Bring people to our downtown
 -Bring people to our parks
 -Provide safe recreation
 -Trail Diversity-Provide feel of Lake Elmo
 -Omit need to bike down Hwy 5/CSAH 14
 -Compatibility with public grant opportunities
 -Compatibility with private funding opportunities

Feasibility of land acquisition will be a consideration

Trail likely to be built in segments in conjunction with county road projects and as funding allows through Met Council or other state grants

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance			220,000			220,000
Total			220,000			220,000

Funding Sources	2021	2022	2023	2024	2025	Total
Park Dedication Fund			220,000			220,000
Total			220,000			220,000

Budget Impact/Other

Additional trails to maintain-labor and materials for snow removal if desired by city

Trail construction cost may be as high as \$12 million. City would expect cost share with county as well as grants to offset costs.

2023 costs are for trail through new roundabout at CSAH 19 and CSAH 10 and trail extension abutting Hagebergs

Future costs will be added as they are known

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Parks and Recreation

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	PR-015
Project Name	Dump Truck

Type Equipment
 Useful Life
 Category Vehicles
 Priority 3 Important
 Status Active

Description
F550 pickup dump truck with chipper box and plow mount replaces 2009 vehicle.

Justification
End of Useful life

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings	70,000					70,000
Total	70,000					70,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund	70,000					70,000
Total	70,000					70,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Parks and Recreation

City of Lake Elmo, Minnesota

Contact City Administrator

Project # PR-017
 Project Name New or Refurbished Ballfields

Type Improvement

Useful Life 40 years

Category Park Improvements

Priority 1 Critical

Status Active

Description

New ballfields to be constructed or refurbished after Tartan ball fields are no longer used by the public

Justification

Replacement of some of the fields at Tartan Park lost to development of Royal Oaks Golf Course Community

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance		1,000,000				1,000,000
Total		1,000,000				1,000,000

Funding Sources	2021	2022	2023	2024	2025	Total
Grants/Donation		1,000,000				1,000,000
Total		1,000,000				1,000,000

Budget Impact/Other

Funding to be provided from developer in development agreement with Royal Golf. Funds to be used for acquisition of land, if necessary, and buildidngor refurbishing of (a) new ballfield(s).

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Parks and Recreation

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	PR-019
Project Name	Dog Park

Type Improvement

Useful Life 25 years

Category Park Improvements

Priority 4 Less Important

Status Active

Description

Parks commission recommended the search and planning for a dog park somewhere near the denser developments
 Improvements would be minimal such as fencing

Justification

Residents on small lots in denser developments need a place to take their dogs for exercise.
 By providing a dog park those who let their dogs run off leash in other parks can be redirected

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance			25,000			25,000
Total			25,000			25,000

Funding Sources	2021	2022	2023	2024	2025	Total
Park Dedication Fund			25,000			25,000
Total			25,000			25,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Parks and Recreation

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	PR-020
Project Name	Utility Vehicile/Trail Groomer

Type Equipment
 Useful Life 10 years
 Category Vehicles
 Priority 3 Important
 Status Active

Description
Replaces 2014 Kubota

Justification
End of Useful Life

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings				37,000		37,000
Total				37,000		37,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund				37,000		37,000
Total				37,000		37,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Parks and Recreation

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	PR-021
Project Name	Neighborhood Trail Connections

Type Improvement

Useful Life 40 years

Category Park Improvements

Priority 2 Very Important

Status New Recommendation

Description

Parks Commission request to develop trail connections between neighborhoods. May be spent over 2021-2023.

Justification

Expenditures	2021	2022	2023	2024	2025	Total
Planning/Design	20,000					20,000
Land Acquisition	90,000					90,000
Construction/Maintenance	90,000					90,000
Total	200,000					200,000

Funding Sources	2021	2022	2023	2024	2025	Total
Park Dedication Fund	200,000					200,000
Total	200,000					200,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	PW-004
Project Name	Loader

Type Equipment

Useful Life 15 years

Category Vehicles

Priority 2 Very Important

Status Active

Description

Replace 1999 loader

Justification

End of Useful Life

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings			185,000			185,000
Total			185,000			185,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund			185,000			185,000
Total			185,000			185,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	PW-006
Project Name	Tractor

Type Equipment

Useful Life 15 years

Category Vehicles

Priority 2 Very Important

Status Active

Description

Replace 2004 John Deere Tractor

Cost include all ditch and mowing attachments

Additional cost for snowblower (\$30k included in total)

Justification

End of Useful Life

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings			130,000			130,000
Total			130,000			130,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund			130,000			130,000
Total			130,000			130,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	PW-019
Project Name	PickupTruck / plow

Type Equipment

Useful Life 10 years

Category Vehicles

Priority 4 Less Important

Status Active

Description

Replacement for 2012 F250
End of usefull life (7 years)

Justification

Replacement for 2012 F250
End of useful life

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings				41,000		41,000
Total				41,000		41,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund				41,000		41,000
Total				41,000		41,000

Budget Impact/Other

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Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # PW-027
Project Name 2021 Street Improvements

Type Improvement

Useful Life 25 years

Category Street Reconstruction

Priority 3 Important

Status Active

Description
 \$2,250,000 for Heritage Farms (30% assessed)
 \$1,740,000 for Hamlet on Sunfish Lake (3M Grant)
 \$528,000 for Tamarack Farms reconstruct (30% assessed)
 \$2,000,000 for 38th/39th St (3M Grant)
 \$1,650,000 for OV Phase 5 (32nd Street) (30% assessed)

Justification
 Per pavement management plan reviewed by Engineer and Public Works Director

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance	8,168,000					8,168,000
Total	8,168,000					8,168,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service	4,428,000					4,428,000
Grants/Donation	3,740,000					3,740,000
Total	8,168,000					8,168,000

Budget Impact/Other
 \$675,000 in assessment revenue for Heritage Farms
 \$158,400 in assessment revenue for Tamarack Farms
 \$495,000 in assessment revenue for OV 5 (32nd St)
 City share of debt would be \$3,099,600 over 10 years
 Grant funds cash flowed by city would be \$3,740,000

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	PW-030
Project Name	CSAH 15/30th Street Signal

Type Maintenance

Useful Life 25 years

Category Street Construction

Priority 3 Important

Status Active

Description

CSAH 15/30th Street signal improvements. May be stand alone project or with CSAH 15 Phase 3

Justification

Improvement needed due to increase of traffic
Washington County study

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance			250,000			250,000
Total			250,000			250,000

Funding Sources	2021	2022	2023	2024	2025	Total
Municipal Sate Aid (MSA)			250,000			250,000
Total			250,000			250,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	PW-031
Project Name	CSAH 6/Inwood Signal

Type Maintenance

Useful Life 25 years

Category Street Reconstruction

Priority 3 Important

Status Active

Description

CSAH 6/ Inwood Signal Improvements - to replace 4-way stop.

Justification

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance				250,000		250,000
Total				250,000		250,000

Funding Sources	2021	2022	2023	2024	2025	Total
Municipal Sate Aid (MSA)				250,000		250,000
Total				250,000		250,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	PW-034
Project Name	15th Street North (MSA Street)

Type Improvement

Useful Life 25 years

Category Street Reconstruction

Priority 3 Important

Status Active

Description

15th Street reconstruction

Justification

Significant patching made in 2018 to extend road life a couple years.
Recon needed per pavement management plan reviewed by Engineer and Public Works Director

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance		1,187,500				1,187,500
Total		1,187,500				1,187,500

Funding Sources	2021	2022	2023	2024	2025	Total
Municipal Sate Aid (MSA)		1,187,500				1,187,500
Total		1,187,500				1,187,500

Budget Impact/Other

Potential for some assessments

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	PW-035
Project Name	UP RR Crossing - Village Parkway

Type Improvement

Useful Life 40 years

Category Street Construction

Priority 2 Very Important

Status Active

Description
UP RR Crossing - Village Parkway

Justification
To allow connectivity between developing neighborhoods north and south of the tracks

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance		525,000				525,000
Total		525,000				525,000

Funding Sources	2021	2022	2023	2024	2025	Total
General Fund		25,000				25,000
Grants/Donation		500,000				500,000
Total		525,000				525,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # PW-036
 Project Name UP RR Crossing - Private Drive Closure

Type Improvement

Useful Life 40 years

Category Unassigned

Priority 2 Very Important

Status Active

Description

UP RR Crossing - Private driveway closure required for Village Parkway Crossing

Justification

Railroad requirement in order to get new crossing at Village Parkway

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance		105,000				105,000
Total		105,000				105,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service		105,000				105,000
Total		105,000				105,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	PW-037
Project Name	UP RR Crossing: Klondike Ave

Type Unassigned

Useful Life 40 years

Category Street Construction

Priority 2 Very Important

Status Active

Description

UP RR Crossing - Klondike - upgraded crossing to include light and gates

Justification

Railroad requirement in order to build new crossing at Village Parkway

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance		262,500				262,500
Total		262,500				262,500

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service		262,500				262,500
Total		262,500				262,500

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # PW-038
 Project Name 2022 Street Improvements

Type Improvement

Useful Life 25 years

Category Street Reconstruction

Priority 3 Important

Status Active

Description

\$3,800,000 for Parkview Estates, Cardinal Ridge and Cardinal View (3M Grant)
 \$3,025,000 for Whistling Valley and Torres Pines (3M Grant)
 \$2,579,280 for Fields of St. Croix 1 and 2, Beaut Crest, and Irish Court (30% assessed)
 \$2,150,000 for remaining streets on OV 5 and 6 (30% assessed)

Justification

Annual street improvements per Engineering recommendation

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance		11,554,280				11,554,280
Total		11,554,280				11,554,280

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service		4,729,280				4,729,280
Grants/Donation		6,825,000				6,825,000
Total		11,554,280				11,554,280

Budget Impact/Other

\$773,784 assessment revenue for Fields, Beaut Crest and Irish Court
 \$645,000 assessment revenue for Ov 5&6

 City share of debt would be \$3,310,496 over 10 years

 Grant funds cash flowed by city would be \$6,825,000

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # PW-039
 Project Name 2023 Street Improvements

Type Improvement

Useful Life 25 years

Category Street Reconstruction

Priority 3 Important

Status Active

Description

\$2,091,045 for Tana Ridge, Carriage Station, 59th St Ct/55th St/Julep Way (30% assessed)
 \$486,201 for OV 7 (assessed 30%)

Justification

Annual street improvements per Engineering recommendation

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance			2,577,246			2,577,246
Total			2,577,246			2,577,246

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service			2,577,246			2,577,246
Total			2,577,246			2,577,246

Budget Impact/Other

\$627,313 assessment revenue for neighborhoods
 \$145,860 assessment revenue for OV 7
 City share of debt service would be \$1,804,073

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

City of Lake Elmo, Minnesota

Department Public Works Department

Contact Engineer

Type Improvement

Useful Life 25 years

Category Street Reconstruction

Priority 3 Important

Status Active

Project #	PW-040
Project Name	2024 Street Improvements

Description
Annual Street Improvements Streets TBD

Justification
Annual street improvements per recommendation by City Engineer

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance				2,000,000		2,000,000
Total				2,000,000		2,000,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service				2,000,000		2,000,000
Total				2,000,000		2,000,000

Budget Impact/Other
TBD

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	PW-041
Project Name	2025 Street Irmpvements

Type Improvement

Useful Life 25 years

Category Street Reconstruction

Priority 3 Important

Status Active

Description

Annual street improvements

Justification

Annual street improvements per recommendation from Engineering

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance					2,000,000	2,000,000
Total					2,000,000	2,000,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service					2,000,000	2,000,000
Total					2,000,000	2,000,000

Budget Impact/Other

TBD

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

City of Lake Elmo, Minnesota

Department Public Works Department

Contact Public Works Director

Type Equipment

Useful Life

Category Vehicles

Priority 2 Very Important

Status Active

Project #	PW-044
Project Name	Back Hoe

Description
Replace 2006 Case Backhoe with a more manuverable unit.

Justification
End of Useful Life

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings			85,000			85,000
Total			85,000			85,000

Funding Sources	2021	2022	2023	2024	2025	Total
Sewer Fund			17,000			17,000
Storm Water Fund			17,000			17,000
Vehicle Replacement Fund			34,000			34,000
Water Fund			17,000			17,000
Total			85,000			85,000

Budget Impact/Other
\$85,000 total cost split amongst water, stormwater , streets, and parks sewer

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	PW-048
Project Name	Mini Loader

Type Equipment

Useful Life

Category Vehicles

Priority 2 Very Important

Status Active

Description

Mini loader will be outfitted with necessary snow removal equipment for cul de sacs, narrow streets and sidewalks/paths

Justification

End of Useful Life

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings			120,000			120,000
Total			120,000			120,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund			120,000			120,000
Total			120,000			120,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

City of Lake Elmo, Minnesota

Department Public Works Department

Contact Public Works Director

Type Equipment

Useful Life

Category Equipment: PW Equip

Priority 4 Less Important

Status Active

Project #	PW-049
Project Name	Asphalt Hot Box

Description
Replace trailer hot box unit with a dump style trailer unit

Justification
End of Useful Life

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings		50,000				50,000
Total		50,000				50,000

Funding Sources	2021	2022	2023	2024	2025	Total
General Fund		50,000				50,000
Total		50,000				50,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	PW-050
Project Name	Dump Truck with Plow

Type Equipment

Useful Life

Category Vehicles

Priority 1 Critical

Status Active

Description

Replace 2006 model with a Tandem

Justification

End of Useful Life

The second tandem will be efficient all months of the year, not just efficient the four months of winter such as the single axles are. We have plans that would utilize both tandems all year- hauling snow out of cul de sacs, efficiently adding gravel or millings on shoulders and gravel roads, material from the pit to the shop for stock, moving street sweeping, fill and black dirt for park improvements and sewer water repairs. The addition of the tandem has allowed us to save on not only the fuel of running multiple small trucks but frees up the additional drivers aswell!! I am a HUGE fan of how efficient that truck is making things here. Jamie and I have already discussed changing up the plow routes so the tandems could plow in many of the new developments with wider roads not to mention they would not have to reload as often and the additional weight on the trucks add a ton of traction

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings		265,000				265,000
Total		265,000				265,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund		265,000				265,000
Total		265,000				265,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # PW-052
 Project Name Ideal Ave (CSAH 13) Phase 2

Type Improvement

Useful Life 20 years

Category Street Reconstruction

Priority 3 Important

Status Active

Description

Cooperatvie project between Washington County, City of Oakdale and City of Lake Elmo
 Improvements to CSAH 13 from CSAH 14 to 44th St

Justification

Need determined by Washington County
 New development in Oakdale will increase traffic in area

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance		415,000				415,000
Total		415,000				415,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service		415,000				415,000
Total		415,000				415,000

Budget Impact/Other

all debt service
 agreement with Oakdale to split city costs 45/55 with Lake Elmo's cap at \$400k
 additional \$15k for city engineer

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # PW-053
 Project Name Ideal Ave (CSAH 13)-Phase 3- CSAH 14 to CSAH 6

Type Improvement

Useful Life 20 years

Category Street Reconstruction

Priority 3 Important

Status Active

Description

Cooperative project between Washington County, City of Oakdale and City of Lake Elmo
 Per Washington County includes:
 Safety improvements including widening of shoulders
 Pavement improvement
 Turn lane and intersection improvements
 Pedestrian and non-motorized upgrades
 Drainage Improvements

Justification

Need determined by Washington County

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance				800,000		800,000
Total				800,000		800,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service				800,000		800,000
Total				800,000		800,000

Budget Impact/Other

All Ag property owned by 3M on Lake Elmo side

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	PW-054
Project Name	Skidloader

Type Equipment

Useful Life

Category Vehicles

Priority 3 Important

Status Active

Description

Additional skidloader to be used to mow park trails and asphalt in the summer. During the winter it can be used to aid in snow removal at city parking lots and possibly on park trails and sidewalks (w/blower)

2 speed highflow

Justification

additional skidloader needed due to growth in streets and parks

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings		70,000				70,000
Total		70,000				70,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund		70,000				70,000
Total		70,000				70,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # PW-057
 Project Name Manning Ave Phase 3

Type Improvement

Useful Life 25 years

Category Street Reconstruction

Priority 3 Important

Status Active

Description

CSAH 15 from CSAH 14 to CSAH 10
 Per Washington County includes:
 Expansion to four lane divided highway
 Access management
 Intersection control
 Separate multi-use trail
 Landscaping and Aesthetics

Justification

Need determined by Washington County

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance			1,650,000			1,650,000
Total			1,650,000			1,650,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service			1,650,000			1,650,000
Total			1,650,000			1,650,000

Budget Impact/Other

30% assessment to residential properties
 Trail could come from park dedication funds
 County could delay project if not included as part of their BOND-2022

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # PW-058
 Project Name TH 36/Manning Interchange

Type Improvement

Useful Life 25 years

Category Street Construction

Priority 2 Very Important

Status Active

Description

New Interchange to replace stop lights at TH 36 and Manning

Justification

Cooperative project with MNDOT, Washington County, Stillwater, Grant, Oak Park Heights and Stillwater Township.
 Increased traffic on TH 36
 Fatality at intersection in 2013

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance	265,000					265,000
Total	265,000					265,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service	265,000					265,000
Total	265,000					265,000

Budget Impact/Other

Cost share between Wash Co, Mn DOT, Lake Elmo, and Stillwater.
 Interchange costs for Lake Elmo reduced to \$253k after bonding bill.

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	PW-060
Project Name	Pickup w/plow

Type Equipment

Useful Life 10 years

Category Vehicles

Priority 3 Important

Status Active

Description

Pickup with plow to replace 2014 F250

Justification

End of Useful Life

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings				41,000		41,000
Total				41,000		41,000

Funding Sources	2021	2022	2023	2024	2025	Total
Vehicle Replacement Fund				41,000		41,000
Total				41,000		41,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	PW-066
Project Name	Manning Phase 4

Type Improvement

Useful Life 40 years

Category Street Reconstruction

Priority 1 Critical

Status Active

Description
Manning Ave from I-94 to 1300 feet south of CSAH 10 Per Washington County includes: Expansion to a four lane divided highway Access management Intersection control improvements Separate mulit use trail

Justification
Need as determined by Washington County to ensure ongoing safe and efficient operation of this highway

Expenditures	2021	2022	2023	2024	2025	Total
Planning/Design					50,000	50,000
Total					50,000	50,000

Funding Sources	2021	2022	2023	2024	2025	Total
General Fund					50,000	50,000
Total					50,000	50,000

Budget Impact/Other
Local contribution may not be required until construction phase, plannign begins in 2024

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Public Works Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # PW-067
 Project Name Manning/Hudson Stoplight

Type Improvement

Useful Life 25 years

Category Street Construction

Priority 2 Very Important

Status Active

Description
 Stoplight at realigned Hudson Blvd and Manning Ave

Justification
 per Washington County

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance		250,000				250,000
Total		250,000				250,000

Funding Sources	2021	2022	2023	2024	2025	Total
Grants/Donation		250,000				250,000
Total		250,000				250,000

Budget Impact/Other
 Funding from Four Corners 1st Addition

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

City of Lake Elmo, Minnesota

Department Sewer Department

Contact Engineer

Type Improvement

Useful Life 40 years

Category Wastewater

Priority 3 Important

Status Active

Project # S-003

Project Name Hamlet on Sunfish Lake Sewer Extension

Description

Sewer Extension to Hamlet on Sunfish Lake
2020-sewer extension and connection
2021-repair and upgrades of sewer lines

Justification

Per 2016 MPCA agreement

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance	883,000					883,000
Total	883,000					883,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service	883,000					883,000
Total	883,000					883,000

Budget Impact/Other

2020 amounts paid by Hamlet HOA and Legacy developer
2021 \$620,000 paid by Hamlet residents in assessments over 20 years
2021 \$155,000 paid by sewer fund for oversizing

Capital Improvement Plan - 2021 - 2025

2021 thru 2025

Department Sewer Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # S-005
 Project Name Old Village Sewer Extension Phase 5

Type Improvement

Useful Life 40 years

Category Wastewater

Priority 3 Important

Status Active

Description

Sewer extension in the Old Village Phases 5 & 6 (over 2 years)
 OV 5: 33rd, Kraft , Lampert, 32nd, Langley
 OV 6: Upper 33rd, 34th, 35th, 36th, private drive south of UPRR
 2021 will include work on 32nd St, then move to remaining areas in 2022

Justification

Met Council requirement to extend sewer
 Failing septic systems
 100% Assessed

Expenditures	2021	2022	2023	2024	2025	Total
Land Acquisition		1,400,400				1,400,400
Construction/Maintenance	2,298,100					2,298,100
Total	2,298,100	1,400,400				3,698,500

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service	2,298,100	1,400,400				3,698,500
Total	2,298,100	1,400,400				3,698,500

Budget Impact/Other

\$1,237,500 in sewer assessment income
 \$2,461,000 city sewer fund contribution to pay debt

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Sewer Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # S-012
 Project Name Section 36 Trunk Sewer Main Oversizing

Type Improvement

Useful Life 40 years

Category Wastewater

Priority 3 Important

Status Active

Description

Section 36 Trunk Sewer Main Oversizing cost

Justification

Section 36 Trunk Sewer Main
 Development driven from Hudson Blvd to the north

Expenditures	2021	2022	2023	2024	2025	Total
Other	120,760	32,922				153,682
Total	120,760	32,922				153,682

Funding Sources	2021	2022	2023	2024	2025	Total
Sewer Fund	120,760	32,922				153,682
Total	120,760	32,922				153,682

Budget Impact/Other

Developer paid except for oversizing costs

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Sewer Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	S-013
Project Name	Sewer Oversizing

Type Improvement

Useful Life 40 years

Category Wastewater

Priority 3 Important

Status Active

Description

Sewer Oversizing

Justification

Sewer oversizing based on developer pace and phasing
 Also \$1 million of trunk sewer oversizing applied to OV sewer phases 1-7 in 2021 and \$1,275,750 in 2022

Expenditures	2021	2022	2023	2024	2025	Total
Other	107,763					107,763
Total	107,763					107,763

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service	107,763					107,763
Total	107,763					107,763

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 thru 2025

Department Sewer Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	S-017
Project Name	Old Village Sewer Extension Phase 7

Type Improvement

Useful Life

Category Wastewater

Priority 3 Important

Status Active

Description

Legion Ave N

Justification

Met Council requirement to extend sewer
 Failing septic systems
 100% Assessed

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance			548,625			548,625
Total			548,625			548,625

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service			548,625			548,625
Total			548,625			548,625

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Sewer Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	S-018
Project Name	Heritage Farms Sewer Extension

Type Improvement

Useful Life 40 years

Category Wastewater

Priority 3 Important

Status Active

Description

Extension of municipal sewer to Heritage Farms neighborhood

Justification

Petition submitted by homeowners in 2018
 Failing septic with limited options for replacement
 Coordinated with road work for efficiency

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance	1,100,000					1,100,000
Total	1,100,000					1,100,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service	1,100,000					1,100,000
Total	1,100,000					1,100,000

Budget Impact/Other

100% assessed

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Sewer Department

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	S-019
Project Name	VAC Truck

Type Equipment

Useful Life 20 years

Category Vehicles

Priority 2 Very Important

Status New Recommendation

Description

Used VAC Truck

Justification

As the City's water, sewer and storm sewer systems continue to expand at a fast rate we are seeing more and more of a need to maintain the utilities in a time sensitive manner. The addition of a VAC truck would benefit the city by improving the response time to sewer backups. It would allow more frequent cleaning of lift stations, reducing plugged pumps. We would Jet the required 1/3 of the cities sanitary mains as it fits our schedule. Currently we are not meeting the 1/3 rule due to the cost of contracting out the jetting. Water main gate valve boxes can be cleaned when full of sediment quickly to allow staff access to control valves to isolate main breaks. Plugged storm sewers and culverts can be cleaned quickly the same day issues are identified. The MPCA mandates we clean storm water sumps yearly. This piece of equipment would allow us to do the work in-house on our schedule instead of contracting it out. The Vac truck can safely and efficiently expose power, gas and communication lines. It reduces labor when excavating around curb stops, gate valves. This piece of equipment would replace the small VAC trailer unit we have now that cannot perform the majority of task provided above.

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings				250,000		250,000
Total				250,000		250,000

Funding Sources	2021	2022	2023	2024	2025	Total
Sewer Fund				175,000		175,000
Storm Water Fund				75,000		75,000
Total				250,000		250,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

City of Lake Elmo, Minnesota

Department Sewer Department

Contact Engineer

Type Improvement

Useful Life 40 years

Category Wastewater

Priority 3 Important

Status New Recommendation

Project # S-020
Project Name Sewer to 180 Acres

Description

Sewer trunk extension from lift station in Oakdale at Helmo Ave/Stillwater Blvd north on Idela Ave to city property across from Target
Includes contribution to Oakdale lift station upgrade and capacity improvements (\$1.2M)
Oversizing and lift station on 180 acres (\$800,000)

Justification

Serve 180 acres to allow for sewer development.
Plan per the Section 16 Master Plan completed by Focus Engineering and HKGI in 2020

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance	1,000,000	1,000,000				2,000,000
Total	1,000,000	1,000,000				2,000,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service		2,000,000				2,000,000
Total		2,000,000				2,000,000

Budget Impact/Other

Assumes 425 RECs

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Storm Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # SW-001
 Project Name Phase 2 Regional Drainage Improvements

Type Improvement

Useful Life 40 years

Category Storm Sewer/Drainage

Priority 3 Important

Status Active

Description

Lake Elmo Ave and Stillwater Blvd Area

Justification

2nd Phase to improving the regional drainage issues
 timing dependent upon development

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance			800,000			800,000
Total			800,000			800,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service			800,000			800,000
Total			800,000			800,000

Budget Impact/Other

Compensation for oversizing to developer

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Storm Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	SW-002
Project Name	Phase 3 Regional Drainage Improvements

Type Improvement

Useful Life 40 years

Category Storm Sewer/Drainage

Priority 3 Important

Status Active

Description

Phase 3 of Regional Drainage Improvements (VFW Park)

Justification

3rd Phase of Regional Drainage Improvements (VFW Park)

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance				500,000		500,000
Total	500,000					500,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service				500,000		500,000
Total	500,000					500,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 thru 2025

Department Storm Water Department

City of Lake Elmo, Minnesota

Contact

Project #	SW-003
Project Name	Kramer Lake Floodplain Study

Type Improvement
 Useful Life 40 years
 Category Unassigned
 Priority 3 Important
 Status Active

Description
Kramer Lake Floodplain Study

Justification
Required for I94 Phase 3 area development

Expenditures	2021	2022	2023	2024	2025	Total
Planning/Design				60,000		60,000
Total				60,000		60,000

Funding Sources	2021	2022	2023	2024	2025	Total
Grants/Donation				60,000		60,000
Total				60,000		60,000

Budget Impact/Other
Funding to come from developer or included as watershed study

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	W-005
Project Name	OV Sewer Extension; Phase 5; water component

Type Improvement

Useful Life 40 years

Category Water

Priority 3 Important

Status Active

Description
Replace watermain in Old Village phase 5: 32nd St OV Phase 5 and 6 done over 2 years, remaining roads done in second year

Justification
Watermain past useful life Replace when street already dug up for sewer to be most efficient

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance	480,000					480,000
Total	480,000					480,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service	480,000					480,000
Total	480,000					480,000

Budget Impact/Other
100% covered by water fund

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	W-006
Project Name	Elevated Storage Tank #3

Type Improvement

Useful Life 40 years

Category Water

Priority 1 Critical

Status Active

Description

Water Tower #3

Justification

needed for development in Phase 2
 400 RECs available before needed
 Can be located in either Phase 2 or 3, the closer to Lake Elmo Ave the better

Expenditures	2021	2022	2023	2024	2025	Total
Land Acquisition	275,000					275,000
Construction/Maintenance		3,200,000				3,200,000
Total	275,000	3,200,000				3,475,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service	275,000	3,200,000				3,475,000
Total	275,000	3,200,000				3,475,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	W-008
Project Name	Village East Trunk Watermain PRV

Type Improvement

Useful Life 40 years

Category Water

Priority 2 Very Important

Status Active

Description

12" water main pressure reduction valve with bypass

Justification

need to reduce pressure and accommodate water flows

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance		132,000				132,000
Total		132,000				132,000

Funding Sources	2021	2022	2023	2024	2025	Total
Water Fund		132,000				132,000
Total		132,000				132,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

City of Lake Elmo, Minnesota

Department Water Department
 Contact Public Works Director
 Type Maintenance
 Useful Life 25 years
 Category Water
 Priority 4 Less Important
 Status Active

Project # W-010
 Project Name Paint Water Tank at PW

Description

Justification

Recommended by TKDA Utility study in 2016
 Regular maintenance of water tank

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings			800,000			800,000
Total			800,000			800,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service			800,000			800,000
Total			800,000			800,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

City of Lake Elmo, Minnesota

Department Water Department
 Contact Public Works Director
 Type Maintenance
 Useful Life 15 years
 Category Water
 Priority 3 Important
 Status Active

Project # W-012
 Project Name Well #4 Pump - Pull and Rebuild

Description
 Pull and Rebuild Well #4 pump

Justification
 Recommended by Bernie to be on a regular rotation

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings					35,000	35,000
Total					35,000	35,000

Funding Sources	2021	2022	2023	2024	2025	Total
Water Fund					35,000	35,000
Total					35,000	35,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	W-013
Project Name	Watermain Oversizing

Type Improvement

Useful Life 40 years

Category Water

Priority 3 Important

Status Active

Description
Oversizing cost of watermain pipe installed by developers.

Justification
Ensures all pipe in the City will have flow capacity necessary for water system

Expenditures	2021	2022	2023	2024	2025	Total
Other	326,844	152,184				479,028
Total	326,844	152,184				479,028

Funding Sources	2021	2022	2023	2024	2025	Total
Water Fund	326,844	152,184				479,028
Total	326,844	152,184				479,028

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # W-018
 Project Name 2021 Street & Utility Improvements-Water

Type Improvement

Useful Life 40 years

Category Water

Priority 3 Important

Status Active

Description

2021 Street & Utility Improvements-water component (Hamlet on Sunfish Lake Heritage Farms and 38th/39th St)

Justification

Bring water to neighborhoods in Special Well Construction Area with contaminated wells. Coordinate with road work for efficiency.
 Heritage Farms is valve updates to complete in conjunction with road work.

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance	2,805,600					2,805,600
Total	2,805,600					2,805,600

Funding Sources	2021	2022	2023	2024	2025	Total
Grants/Donation	2,371,600					2,371,600
Water Fund	434,000					434,000
Total	2,805,600					2,805,600

Budget Impact/Other

\$1,455,600 for Hamlet on Sunfish Lake (3M Grant)
 \$1,200,000 for 38th/39th St (3M Grant)
 \$150,000 for Hertiage Farms from water fund for maintenance items

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	W-023
Project Name	Water Meter Change Out

Type Improvement

Useful Life 15 years

Category Water

Priority 1 Critical

Status Active

Description

Replace 200 obsolete Sensus and Neptune meters each year with new Sensus 1 pro meters

Justification

Old meters not working properly leads to the need to estimate usage
therefore billing process takes more staff time

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings	50,000	50,000	50,000			150,000
Total	50,000	50,000	50,000			150,000

Funding Sources	2021	2022	2023	2024	2025	Total
Water Fund	50,000	50,000	50,000			150,000
Total	50,000	50,000	50,000			150,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Public Works Director

Project #	W-024
Project Name	Automated Radio Read System

Type Improvement

Useful Life

Category Water

Priority 3 Important

Status Active

Description

Automated radio read system for water meters.

Justification

Eliminates the need to drive around and obtain reads. Improves billing and gives "real time" readings to help detect leaks.

Expenditures	2021	2022	2023	2024	2025	Total
Equip/Vehicles/Furnishings				300,000		300,000
Total				300,000		300,000

Funding Sources	2021	2022	2023	2024	2025	Total
Water Fund				300,000		300,000
Total				300,000		300,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	W-025
Project Name	OV sewer extension phase 6 & 5; water component

Type Improvement

Useful Life

Category Water

Priority 3 Important

Status Active

Description

Replacement of water mains in conjunction with sewer extension to Phase 6 and 5 done over 2 years

Justification

Watermain past useful life
 Replace when street already dug up for sewer to be most efficient

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance		800,000				800,000
Total		800,000				800,000

Funding Sources	2021	2022	2023	2024	2025	Total
Debt Service		800,000				800,000
Total		800,000				800,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	W-026
Project Name	OV sewer extension Phase 7; water component

Type Improvement

Useful Life

Category Water

Priority 3 Important

Status Active

Description

Old Village Phase 7 water main replacement on Legion Ave

Justification

Watermain past useful life
 Replace when street already dug up for sewer to be most efficient

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance			265,650			265,650
Total			265,650			265,650

Funding Sources	2021	2022	2023	2024	2025	Total
Water Fund			265,650			265,650
Total			265,650			265,650

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	W-027
Project Name	Pressure Reduction Station-Connection to WT #3

Type Improvement

Useful Life 40 years

Category Water

Priority 3 Important

Status Active

Description

Pressure reduction station-12"

Justification

needed when water crosses Keats Ave

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance	132,000					132,000
Total	132,000					132,000

Funding Sources	2021	2022	2023	2024	2025	Total
Water Fund	132,000					132,000
Total	132,000					132,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project # W-031
 Project Name 2022 Street Projects-water component

Type Improvement

Useful Life 40 years

Category Water

Priority 3 Important

Status Active

Description

Water main extensions to Parkview Estates, Cardinal Ridge, Cardinal View, Whistling Valley, Torres Pines and Irish Ct.
 Water maintenance items in Field fo St. Croix 2 and Beaut Crest in conjunction with road project

Justification

Bring water to neighborhoods in Special Well Construction Area with contaminated wells. Coordinate with road work for efficiency.
 Exisitng water systems to be upgraded in conjunction with road work

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance		4,331,000				4,331,000
Total		4,331,000				4,331,000

Funding Sources	2021	2022	2023	2024	2025	Total
Grants/Donation		4,231,000				4,231,000
Water Fund		100,000				100,000
Total		4,331,000				4,331,000

Budget Impact/Other

\$2,025,000 for Parkview Estates, Cardinal Ridge and Carinal View (3M Grant)
 \$2,206,000 for Whistling Valley and Torres Pines (3M Grant)
 \$100,000 for Fields and Beaut crest upgrades

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	W-032
Project Name	2023 Street Projects-water component

Type Improvement

Useful Life 40 years

Category Water

Priority 3 Important

Status Active

Description

Water system upgrades as road work is completed for efficiency in Tana Ridge and Carriage Station

Justification

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance			100,000			100,000
Total			100,000			100,000

Funding Sources	2021	2022	2023	2024	2025	Total
Water Fund			100,000			100,000
Total			100,000			100,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	W-033
Project Name	2024 Street Projects-water component

Type Improvement

Useful Life 40 years

Category Water

Priority 3 Important

Status Active

Description

Water system upgrades as road work is completed for efficiency

Justification

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance				100,000		100,000
Total				100,000		100,000

Funding Sources	2021	2022	2023	2024	2025	Total
Water Fund				100,000		100,000
Total				100,000		100,000

Budget Impact/Other

Capital Improvement Plan - 2021 - 2025

2021 *thru* 2025

Department Water Department

City of Lake Elmo, Minnesota

Contact Engineer

Project #	W-034
Project Name	2025 Street Projects-water component

Type Improvement

Useful Life 40 years

Category Water

Priority 3 Important

Status Active

Description
Water system upgrades as road work is completed for efficiency

Justification

Expenditures	2021	2022	2023	2024	2025	Total
Construction/Maintenance					100,000	100,000
Total					100,000	100,000

Funding Sources	2021	2022	2023	2024	2025	Total
Water Fund					100,000	100,000
Total					100,000	100,000

Budget Impact/Other