



CAPITAL IMPROVEMENT PLAN
2020 – 2024

City of Elk River

CAPITAL IMPROVEMENT PLAN 2020 – 2024

Enclosed is the City of Elk River's Capital Improvement Plan (CIP) for the years 2020-2024. The document has been prepared for the City Council and community to anticipate major expenditures in advance of the year they may become budget requests. The CIP is a planning management tool that forecasts the city's capital needs over a five-year period based on the city's long-range plans, goals, and policies. City staff estimates the amount of funding that is needed for projects to be completed in the next five years. Projects listed in the first year are included in the budget and upon each annual update of the CIP some projects will be deleted, added, or even delayed reflecting community needs and financial ability to fund the project.

Approval of the CIP by Council does not authorize spending or initiation of a given project nor allocate funding for any of the projects; it simply states the Council's support and acknowledgement of the Capital Improvement Plan as a planning tool.

Capital improvements to streets, parks, buildings, equipment, software, and vehicles are included in the CIP. This plan shows the estimated project costs and the anticipated funding source. Specific information is shown on each project within this document.

The CIP does not put specific designation on the priority of the projects. This uniqueness of the type of project generally is associated with a funding source. Cash flow estimates are done frequently to review cash reserve levels associated with the project funds.

City of Elk River, Minnesota

Capital Improvement Plan

2020 thru 2024

PROJECTS BY FUNDING SOURCE

Source	Project #	2020	2021	2022	2023	2024	Total
Capital Improvement Bonds							
Fire Station #3	FS-03		6,000,000				6,000,000
Public Safety Building	PS-03		4,000,000				4,000,000
Capital Improvement Bonds Total			10,000,000				10,000,000
Capital Outlay Reserve							
Building Safety Equipment	BZ-02	15,000					15,000
Election Equipment	EL-01	15,600					15,600
Fire Department/EOC Equipment	FD-10	27,000					27,000
Annual Technology Upgrades	TC-01	115,000	165,000	95,000	25,000	60,000	460,000
Capital Outlay Reserve Total		172,600	165,000	95,000	25,000	60,000	517,600
City Development Fund							
Comprehensive Plan	Plan-02	75,000					75,000
City Development Fund Total		75,000					75,000
Equipment Replacement Fund							
Administration - Vehicles	AD-03	3,600					3,600
Building Maint. - Vehicles/Equipment	BM-01	75,000		40,000			115,000
Fire - Vehicles	FD-01			50,000	55,000		105,000
Fire Trucks	FD-02	65,000	52,000		52,000		169,000
Fire - Mobile Equipment	FD-07				20,000		20,000
Police - Marked Squads	PD-01	187,500	62,500		125,000	125,000	500,000
Police - Unmarked Squads	PD-02		35,000	105,000	70,000	70,000	280,000
Police - CSO Vehicles	PD-03		43,500	43,500			87,000
Parks - Pickup Trucks	PK-18		40,000	30,000	70,000		140,000
Parks - Mobile Equipment	PK-19	15,000			90,000	66,000	171,000
Streets - Pickup Trucks	ST-01		65,000		160,000	50,000	275,000
Streets - Dump Trucks	ST-02	510,000	255,000	260,000	260,000		1,285,000
Streets - Mobile Equipment	ST-03			225,000		370,000	595,000
Equipment Replacement Fund Total		856,100	553,000	753,500	902,000	681,000	3,745,600
ERMU							
Annual Technology Upgrades	TC-01	65,000					65,000
ERMU Total		65,000					65,000
Federal Grants							
Kelley Pkwy/Twin Lakes Rd/TH 10 Intersection	II-08		2,000,000				2,000,000

Source	Project #	2020	2021	2022	2023	2024	Total
Trail Development - TH 10 Extension	PF-64		640,000				640,000
Federal Grants Total			2,640,000				2,640,000
Government Buildings Reserve							
City Hall	BL-10	95,000					95,000
Fire Station #3	FS-03	300,000					300,000
Public Safety Building	PS-03	250,000					250,000
Government Buildings Reserve Total		645,000					645,000
GRE Reserve							
Radio Communications Upgrade	EP-02		460,000				460,000
Fire Trucks - Engines	FD-03		600,000				600,000
Ice Arena - Building	IA-02	400,000					400,000
Wayfinding Signage	II-34	200,000					200,000
GRE Reserve Total		600,000	1,060,000				1,660,000
Ice Arena							
Ice Arena - Equipment	IA-01		140,000				140,000
Ice Arena - Building	IA-02			160,000			160,000
Ice Arena Total			140,000	160,000			300,000
Library							
Library - Equipment	LB-03	10,000					10,000
Library Total		10,000					10,000
Liquor Fund							
Northbound Liquor Store	LS-01				100,000		100,000
Liquor Fund Total					100,000		100,000
MnDOT Cooperative Funds							
Kelley Pkwy/Twin Lakes Rd/TH 10 Intersection	II-08		1,000,000				1,000,000
MnDOT Cooperative Funds Total			1,000,000				1,000,000
Municipal State Aid							
Hwy 169 Frontage/Backage Road Improvements	II-00			1,950,000			1,950,000
Kelley Pkwy/Twin Lakes Rd/TH 10 Intersection	II-08	1,800,000	3,000,000				4,800,000
School Street Traffic Enhancements	II-22	178,000					178,000
Pavement Management Program	PM-01		2,500,000		1,000,000		3,500,000
Traffic Control - Twin Lakes Rd & 181st Ave	ST-12		125,000				125,000
Municipal State Aid Total		1,978,000	5,625,000	1,950,000	1,000,000		10,553,000
Park Dedication							
Trail Development - TH 10 Extension	PF-64	20,000	320,000				340,000

Source	Project #	2020	2021	2022	2023	2024	Total
Park Dedication Total		20,000	320,000				340,000
Park Improvement Fund							
2020 Park Improvement Projects	PIF-20	652,000					652,000
2021 Park Improvement Projects	PIF-21		230,000				230,000
2022 Park Improvement Projects	PIF-22			200,000			200,000
2023 Park Improvement Projects	PIF-23				140,000		140,000
2024 Park Improvement Projects	PIF-24					130,000	130,000
Park Improvement Fund Total		652,000	230,000	200,000	140,000	130,000	1,352,000
Pavement Management Fund							
Hwy 169 Frontage/Backage Road Improvements	II-00		500,000	1,450,000			1,950,000
School Street Traffic Enhancements	II-22	59,000					59,000
Pavement Management Program	PM-01	300,000	3,350,000	300,000	2,550,000	300,000	6,800,000
Pavement Management Fund Total		359,000	3,850,000	1,750,000	2,550,000	300,000	8,809,000
Special Assessments							
Kelley Pkwy/Twin Lakes Rd/TH 10 Intersection	II-08		500,000				500,000
Special Assessments Total			500,000				500,000
Storm Water							
Hwy 169 Frontage/Backage Road Improvements	II-00			100,000			100,000
Pavement Management Program	PM-01		250,000		50,000		300,000
Storm Water projects	STM-1	200,000			250,000		450,000
Storm Water Total		200,000	250,000	100,000	300,000		850,000
Street/Capital Improvement							
Hwy 169 Frontage/Backage Road Improvements	II-00	400,000					400,000
Comprehensive Plan	Plan-02	75,000					75,000
Street/Capital Improvement Total		475,000					475,000
Trunk Utility Fund							
Hwy 169 Utility Modifications	II-36	200,000	2,500,000				2,700,000
Comprehensive Plan	Plan-02	50,000					50,000
Trunk Utility Fund Total		250,000	2,500,000				2,750,000
GRAND TOTAL		6,357,700	28,833,000	5,008,500	5,017,000	1,171,000	46,387,200

City of Elk River, Minnesota

Capital Improvement Plan

2020 thru 2024

PROJECTS BY YEAR

Project Name	Department	Project #	Project Cost
2020			
Administration - Vehicles	Administration	AD-03	3,600
City Hall	Public Buildings	BL-10	95,000
Building Maint. - Vehicles/Equipment	Building Maintenance	BM-01	75,000
Building Safety Equipment	Building & Safety	BZ-02	15,000
Election Equipment	Elections	EL-01	15,600
Fire Trucks	Fire	FD-02	65,000
Fire Department/EOC Equipment	Fire	FD-10	27,000
Fire Station #3	Fire Stations	FS-03	300,000
Ice Arena - Building	Ice Arena	IA-02	400,000
Hwy 169 Frontage/Backage Road Improvements	Infrastructure Improvements	II-00	400,000
Kelley Pkwy/Twin Lakes Rd/TH 10 Intersection	Infrastructure Improvements	II-08	1,800,000
School Street Traffic Enhancements	Infrastructure Improvements	II-22	237,000
Wayfinding Signage	Infrastructure Improvements	II-34	200,000
Hwy 169 Utility Modifications	Infrastructure Improvements	II-36	200,000
Library - Equipment	Library	LB-03	10,000
Police - Marked Squads	Police	PD-01	187,500
Trail Development - TH 10 Extension	Park Development/Improvement	PF-64	20,000
2020 Park Improvement Projects	Park Improvement Fund	PIF-20	652,000
Parks - Mobile Equipment	Park Maintenance	PK-19	15,000
Comprehensive Plan	Planning	Plan-02	200,000
Pavement Management Program	Infrastructure Improvements	PM-01	300,000
Public Safety Building	Public Safety Building	PS-03	250,000
Streets - Dump Trucks	Streets	ST-02	510,000
Storm Water projects	Storm Water	STM-1	200,000
Annual Technology Upgrades	Technology/Communications	TC-01	180,000
Total for 2020			6,357,700
2021			
Radio Communications Upgrade	Emergency Management	EP-02	460,000
Fire Trucks	Fire	FD-02	52,000
Fire Trucks - Engines	Fire	FD-03	600,000
Fire Station #3	Fire Stations	FS-03	6,000,000
Ice Arena - Equipment	Ice Arena	IA-01	140,000
Hwy 169 Frontage/Backage Road Improvements	Infrastructure Improvements	II-00	500,000
Kelley Pkwy/Twin Lakes Rd/TH 10 Intersection	Infrastructure Improvements	II-08	6,500,000
Hwy 169 Utility Modifications	Infrastructure Improvements	II-36	2,500,000
Police - Marked Squads	Police	PD-01	62,500
Police - Unmarked Squads	Police	PD-02	35,000
Police - CSO Vehicles	Police	PD-03	43,500
Trail Development - TH 10 Extension	Park Development/Improvement	PF-64	960,000
2021 Park Improvement Projects	Park Improvement Fund	PIF-21	230,000
Parks - Pickup Trucks	Park Maintenance	PK-18	40,000
Pavement Management Program	Infrastructure Improvements	PM-01	6,100,000
Public Safety Building	Public Safety Building	PS-03	4,000,000

Project Name	Department	Project #	Project Cost
Streets - Pickup Trucks	Streets	ST-01	65,000
Streets - Dump Trucks	Streets	ST-02	255,000
Traffic Control - Twin Lakes Rd & 181st Ave	Infrastructure Improvements	ST-12	125,000
Annual Technology Upgrades	Technology/Communications	TC-01	165,000
Total for 2021			28,833,000
2022			
Building Maint. - Vehicles/Equipment	Building Maintenance	BM-01	40,000
Fire - Vehicles	Fire	FD-01	50,000
Ice Arena - Building	Ice Arena	IA-02	160,000
Hwy 169 Frontage/Backage Road Improvements	Infrastructure Improvements	II-00	3,500,000
Police - Unmarked Squads	Police	PD-02	105,000
Police - CSO Vehicles	Police	PD-03	43,500
2022 Park Improvement Projects	Park Improvement Fund	PIF-22	200,000
Parks - Pickup Trucks	Park Maintenance	PK-18	30,000
Pavement Management Program	Infrastructure Improvements	PM-01	300,000
Streets - Dump Trucks	Streets	ST-02	260,000
Streets - Mobile Equipment	Streets	ST-03	225,000
Annual Technology Upgrades	Technology/Communications	TC-01	95,000
Total for 2022			5,008,500
2023			
Fire - Vehicles	Fire	FD-01	55,000
Fire Trucks	Fire	FD-02	52,000
Fire - Mobile Equipment	Fire	FD-07	20,000
Northbound Liquor Store	Liquor Fund	LS-01	100,000
Police - Marked Squads	Police	PD-01	125,000
Police - Unmarked Squads	Police	PD-02	70,000
2023 Park Improvement Projects	Park Improvement Fund	PIF-23	140,000
Parks - Pickup Trucks	Park Maintenance	PK-18	70,000
Parks - Mobile Equipment	Park Maintenance	PK-19	90,000
Pavement Management Program	Infrastructure Improvements	PM-01	3,600,000
Streets - Pickup Trucks	Streets	ST-01	160,000
Streets - Dump Trucks	Streets	ST-02	260,000
Storm Water projects	Storm Water	STM-1	250,000
Annual Technology Upgrades	Technology/Communications	TC-01	25,000
Total for 2023			5,017,000
2024			
Police - Marked Squads	Police	PD-01	125,000
Police - Unmarked Squads	Police	PD-02	70,000
2024 Park Improvement Projects	Park Improvement Fund	PIF-24	130,000
Parks - Mobile Equipment	Park Maintenance	PK-19	66,000
Pavement Management Program	Infrastructure Improvements	PM-01	300,000
Streets - Pickup Trucks	Streets	ST-01	50,000
Streets - Mobile Equipment	Streets	ST-03	370,000
Annual Technology Upgrades	Technology/Communications	TC-01	60,000
Total for 2024			1,171,000
GRAND TOTAL			46,387,200

Capital Improvement Plan
City of Elk River, Minnesota

2020 *thru* 2024

Project # FD-01
Project Name Fire - Vehicles

Type Vehicle
Useful Life 10 years
Category Vehicles
Department Fire
Contact Fire Chief



Description

Replace fire vehicles as follows:
 2022 - 2013 Chev Tahoe - Fire Marshal
 2023 - 2015 Chev Tahoe - Fire Chief

Justification

Based on annual condition assessment.

Expenditures	2020	2021	2022	2023	2024	Total
Vehicles			50,000	55,000		105,000
Total			50,000	55,000		105,000

Funding Sources	2020	2021	2022	2023	2024	Total
Equipment Replacement Fund			50,000	55,000		105,000
Total			50,000	55,000		105,000

Capital Improvement Plan
City of Elk River, Minnesota

2020 *thru* 2024

Project # FD-03
Project Name Fire Trucks - Engines

Type Vehicle
Useful Life 20 years
Category Vehicles
Department Fire
Contact Fire Chief



Description

Fire Engine replacements as follows:
 2021 - 2001 Pierce Engine 3

Justification

Based on annual condition assessment. The fire engines are the primary front-line response units.

Expenditures	2020	2021	2022	2023	2024	Total
Vehicles		600,000				600,000
Total		600,000				600,000

Funding Sources	2020	2021	2022	2023	2024	Total
GRE Reserve		600,000				600,000
Total		600,000				600,000

Capital Improvement Plan

City of Elk River, Minnesota

2020 *thru* 2024

Project # FS-03
Project Name Fire Station #3

Type Building
Useful Life 50 years
Category Buildings
Department Fire Stations
Contact Fire Chief



Potential Fire Station Site on City Owned Property at 191st St, Ave NW and Cleveland St, NW

Description

Construct Fire Station #3 to decrease call time for eastern part of City.

Justification

Based on current population growth, a station will be needed in the eastern area as an enhancement for response time.

Expenditures	2020	2021	2022	2023	2024	Total
Design	300,000					300,000
Construction		6,000,000				6,000,000
Total	300,000	6,000,000				6,300,000

Funding Sources	2020	2021	2022	2023	2024	Total
Capital Improvement Bonds		6,000,000				6,000,000
Government Buildings Reserve	300,000					300,000
Total	300,000	6,000,000				6,300,000

Capital Improvement Plan
City of Elk River, Minnesota

2020 *thru* 2024

Project # II-36
Project Name Hwy 169 Utility Modifications

Type Infrastructure **Department** Infrastructure Improvements
Useful Life 20 years **Contact** Public Works Director
Category Utilities



Description
Trunk sanitary sewer system modifications to accommodate Hwy 169 Redefine project

Justification
Relocate utilities in the MNDOT ROW

Expenditures	2020	2021	2022	2023	2024	Total
Design	200,000					200,000
Utilities		2,500,000				2,500,000
Total	200,000	2,500,000				2,700,000

Funding Sources	2020	2021	2022	2023	2024	Total
Trunk Utility Fund	200,000	2,500,000				2,700,000
Total	200,000	2,500,000				2,700,000

Capital Improvement Plan
City of Elk River, Minnesota

2020 *thru* 2024

Project # LB-03
Project Name Library - Equipment

Type Equipment **Department** Library
Useful Life Unassigned **Contact** Park & Rec. Director
Category Building Maintenance



Description

Improvements to the Library building and grounds:

2020 - Furniture/shelving

Justification

Beautification and maintenance of the library building and grounds.

Expenditures	2020	2021	2022	2023	2024	Total
Equipment	10,000					10,000
Total	10,000					10,000

Funding Sources	2020	2021	2022	2023	2024	Total
Library	10,000					10,000
Total	10,000					10,000

Capital Improvement Plan
City of Elk River, Minnesota

2020 *thru* 2024

Project # LS-01
Project Name Northbound Liquor Store

Type Maintenance **Department** Liquor Fund
Useful Life 20 years **Contact** Liquor Store Manager
Category Building Maintenance



Description

2023 - Northbound roof replacement

Justification

Built in 1996, Northbound liquor store is of the age where the roof will need replacement.

Expenditures	2020	2021	2022	2023	2024	Total
Building Maintenance				100,000		100,000
Total				100,000		100,000

Funding Sources	2020	2021	2022	2023	2024	Total
Liquor Fund				100,000		100,000
Total				100,000		100,000

Capital Improvement Plan
City of Elk River, Minnesota

2020 *thru* 2024

Project # PD-01
Project Name Police - Marked Squads

Type Vehicle
Useful Life 4 years
Category Vehicles
Department Police
Contact Police Captain



Description

2020 - 2015 Ford Utility (3)
 2021 - 2014 Ford Utility (1)
 2023 - 2016/2017 Ford Utility (2)
 2024 - 2017 Ford Utility (2)

Justification

Based on annual condition assessment

Expenditures	2020	2021	2022	2023	2024	Total
Vehicles	187,500	62,500		125,000	125,000	500,000
Total	187,500	62,500		125,000	125,000	500,000

Funding Sources	2020	2021	2022	2023	2024	Total
Equipment Replacement Fund	187,500	62,500		125,000	125,000	500,000
Total	187,500	62,500		125,000	125,000	500,000

Capital Improvement Plan
City of Elk River, Minnesota

2020 *thru* 2024

Project # PD-02
Project Name Police - Unmarked Squads

Type Vehicle
Useful Life 7 years
Category Vehicles
Department Police
Contact Police Captain



Description
 2021 - 2012 Chev Impala
 2022 - 2012 Chev Impala, 2012/2013 Chev Tahoe
 2023 - 2014 Ford Utility, 2015 Chev Equinox
 2024 - 2016 Ford Taurus, 2016 Ford Utility

Justification
 Based on annual condition assessment.

Expenditures	2020	2021	2022	2023	2024	Total
Vehicles		35,000	105,000	70,000	70,000	280,000
Total		35,000	105,000	70,000	70,000	280,000

Funding Sources	2020	2021	2022	2023	2024	Total
Equipment Replacement Fund		35,000	105,000	70,000	70,000	280,000
Total		35,000	105,000	70,000	70,000	280,000

Capital Improvement Plan
City of Elk River, Minnesota

2020 *thru* 2024

Project # PD-03
Project Name Police - CSO Vehicles

Type Vehicle
Useful Life 6 years
Category Vehicles
Department Police
Contact Police Captain



Description

2021 - 2014 Ford Utility
 2022 - 2014 Ford Utility

Justification

Based on annual condition assessment

Expenditures	2020	2021	2022	2023	2024	Total
Vehicles		43,500	43,500			87,000
Total		43,500	43,500			87,000

Funding Sources	2020	2021	2022	2023	2024	Total
Equipment Replacement Fund		43,500	43,500			87,000
Total		43,500	43,500			87,000

Capital Improvement Plan
City of Elk River, Minnesota

2020 *thru* 2024

Project # ST-02
Project Name Streets - Dump Trucks

Type Vehicle
Useful Life 15 years
Category Heavy Equipment
Department Streets
Contact Street Supt.



Description

2020 - 2003 Sterling Dump Truck, 2006 International Dump Truck
 2021 - 2007 International Dump Truck
 2022 - 2009 Sterling Dump Truck
 2023 - 2007 International Dump Truck

Justification

Based on annual condition assessment.

Expenditures	2020	2021	2022	2023	2024	Total
Vehicles	510,000	255,000	260,000	260,000		1,285,000
Total	510,000	255,000	260,000	260,000		1,285,000

Funding Sources	2020	2021	2022	2023	2024	Total
Equipment Replacement Fund	510,000	255,000	260,000	260,000		1,285,000
Total	510,000	255,000	260,000	260,000		1,285,000

