



CAPITAL IMPROVEMENT PLAN

2015 – 2019

City Of Elk River

CAPITAL IMPROVEMENT PLAN

2015 – 2019

Enclosed is the City of Elk River's Capital Improvement Plan (CIP) for the years 2015-2019. 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 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 that 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

2015 thru 2019

PROJECTS BY FUNDING SOURCE

Source	Project#	Priority	2015	2016	2017	2018	2019	Total
Bond Proceeds								
Plant Expansion Master Plan	WW-17	n/a	3,500,000	4,607,050				8,107,050
Bond Proceeds Total			3,500,000	4,607,050				8,107,050
Capital Outlay Reserve								
Council Chamber Upgrades	AD-05	n/a	30,700					30,700
Annual Technology Upgrades	TC-01	n/a	317,300	72,000		175,000	20,000	584,300
Capital Outlay Reserve Total			348,000	72,000		175,000	20,000	615,000
Donors								
Oak Knoll Lighting Project	OK-13	n/a	10,000	10,000	10,000			30,000
Donors Total			10,000	10,000	10,000			30,000
Equipment Replacement Fund								
Pinewood Equipment Replacement	101	n/a	82,200	52,200	25,200	18,000	47,000	224,600
Vehicle Replacement	BZ-01	n/a	27,500	27,500	27,500			82,500
Vehicle replacement	CH-04	n/a		15,000			35,000	50,000
Vehicle replacement	Eng-1	n/a				25,000		25,000
Vehicle Replacement	FD-01	n/a		45,000	32,000			77,000
Fire Truck Replacement - Grass Rigs	FD-02	n/a				50,000		50,000
Fire Truck Replacement - Engines	FD-03	n/a				500,000		500,000
Fire Truck Replacement - Other	FD-05	n/a					225,000	225,000
Fire Department-Other equipment	FD-07	n/a	128,500					128,500
Marked Squad Replacement & Additions	PD-01	n/a	111,000	74,000	111,000	74,000	111,000	481,000
Unmarked Squad Replacement & Additions	PD-02	n/a	52,000	52,000		26,000	52,000	182,000
CSO Vehicle Replacement & Additions	PD-03	n/a		37,000			37,000	74,000
Police Department - Other Equipment	PD-04	n/a	16,000	24,000	12,000	12,000	28,000	92,000
Special Operation Truck	PD-07	n/a		40,000				40,000
2015 Park Maintenance Equipment	PK-15	n/a	41,100					41,100
2016 Park Maintenance Equipment	PK-16	n/a		281,400				281,400
2017 Park Maintenance Equipment	PK-17	n/a			170,400			170,400
2018 Park Maintenance Equipment	PK-18	n/a				185,400		185,400
2019 Park Maintenance Equipment	PK-19	n/a					101,900	101,900
Vehicle Replacement - pickup trucks	ST-01	n/a				110,000	110,000	220,000
Dump Truck Replacement	ST-02	n/a				245,000		245,000
Heavy Equipment Replacement	ST-03	n/a			345,000			345,000
Other Equipment Replacement	ST-04	n/a	22,500	51,550	68,000	11,550		153,600
Equipment Replacement Fund Total			480,800	699,650	791,100	1,256,950	746,900	3,975,400

Source	Project#	Priority	2015	2016	2017	2018	2019	Total
ERMU								
Annual Technology Upgrades	TC-01	n/a	45,000					45,000
ERMU Total			45,000					45,000
Federal Grants								
Eastern Area Trail & Mobility Imp.	II-32	n/a	320,000					320,000
Federal Grants Total			320,000					320,000
Government Buildings Reserve								
Activity Center	BL-07	n/a	235,557	11,040				246,597
Lions Park Building	BL-13	n/a	7,000					7,000
Fire Station #1	FS-01	n/a	30,000	35,000				65,000
Public Safety Building maintenance	PS-03	n/a	98,000		20,000	500,000	500,000	1,118,000
Public Works Complex	ST-09	n/a	40,000					40,000
Government Buildings Reserve Total			410,557	46,040	20,000	500,000	500,000	1,476,597
Ice Arena								
Ice Arena Equipment	IA-01	n/a		120,000				120,000
Ice Arena Total				120,000				120,000
Library								
Library Facility	LB-03	n/a	16,000	10,000	10,000	5,000	15,000	56,000
Library Total			16,000	10,000	10,000	5,000	15,000	56,000
Liquor Fund								
Northbound Building Maintenance	LS-01	n/a		100,000				100,000
Quiet Zones	QZ	n/a	850,000					850,000
Liquor Fund Total			850,000	100,000				950,000
Municipal State Aid								
Pavement Management Program	PM-01	n/a	3,795,400		1,000,000		1,000,000	5,795,400
Municipal State Aid Total			3,795,400		1,000,000		1,000,000	5,795,400
Park Improvement Fund								
2015 park improvement projects	PIF-15	n/a	338,100					338,100
2016 park improvement projects	PIF-16	n/a		286,200				286,200
2017 park improvement projects	PIF-17	n/a			286,400			286,400
2018 park improvement projects	PIF-18	n/a				276,900		276,900
2019 park improvement projects	PIF-19	n/a					276,900	276,900
Park Improvement Fund Total			338,100	286,200	286,400	276,900	276,900	1,464,500
Pavement Management Fund								
Pavement Management Program	PM-01	n/a	2,484,324		3,180,000		3,350,000	9,014,324

Source	Project#	Priority	2015	2016	2017	2018	2019	Total
Annual Sealcoat Program	SC-03	n/a	365,199	394,382	396,268	392,156	403,921	1,951,926
Pavement Management Fund Total			2,849,523	394,382	3,576,268	392,156	3,753,921	10,966,250
Sewer Fund								
Jet/Vacuum truck	WW-03	n/a	340,100					340,100
Vehicle Replacement	WW-06	n/a	35,000	70,000		35,000		140,000
Plant Expansion Master Plan	WW-17	n/a	3,000,000					3,000,000
Sewer Fund Total			3,375,100	70,000		35,000		3,480,100
State grants								
Plant Expansion Master Plan	WW-17	n/a	3,000,000					3,000,000
State grants Total			3,000,000					3,000,000
Storm Sewer								
Pavement Management Program	PM-01	n/a	150,000		300,000		150,000	600,000
Storm Water projects	STM-1	n/a	240,000	210,000	210,000	210,000	660,000	1,530,000
Storm Sewer Total			390,000	210,000	510,000	210,000	810,000	2,130,000
Street Improvement Reserve								
Intersection Enhancements	II-00	n/a		100,000		100,000		200,000
Eastern Area Trail & Mobility Imp.	II-32	n/a	80,000					80,000
Intersection Improvements	II-33	n/a	30,000	30,000	30,000			90,000
Monument Signs	II-34	n/a	40,000		60,000		60,000	160,000
Boulevard Improvements	II-35	n/a	100,000		80,000			180,000
Quiet Zones	QZ	n/a	500,000					500,000
Signal Light Painting	SL-09	n/a		12,000				12,000
Street Improvement Reserve Total			750,000	142,000	170,000	100,000	60,000	1,222,000
Trunk Utility Fund								
Proctor Ave water main	II-39	n/a			250,000			250,000
Highland Ave. Water Main	II-40	n/a			150,000			150,000
Well #9 Filter Plant	II-42	n/a	60,000					60,000
Plant Expansion Master Plan	WW-17	n/a	1,000,000					1,000,000
Trunk Utility Fund Total			1,060,000		400,000			1,460,000
GRAND TOTAL			21,538,480	6,767,322	6,773,768	2,951,006	7,182,721	45,213,297

Capital Improvement Plan
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Project #	AD-05
Project Name	Council Chamber Upgrades

Type	Maintenance	Department	Administration
Useful Life	Unassigned	Contact	City Clerk
Category	Building Maintenance	Priority	n/a

Description

Upgrades to the Council Chambers:
 1) Install ADA compliant handicap accessible doors to the Council Chambers.
 2) Repair/separate HVAC system in Chambers and Park and Recreation office areas.
 3) Install Elk River signage behind Council dais.

Justification

The Council chambers are one of the most used spaces for the public in the city. Having ADA doors would meet compliance standards. All Council meetings are broadcast and having the City name in the background would provide a stronger identity and bring city branding into the room. The HVAC and humidity controls are not operating correctly and need repairs.

The City has received franchise fees from the cable commission to be used for technology and council chamber upgrades.

Expenditures	2015	2016	2017	2018	2019	Total
Construction/Maintenance	30,700					30,700
Total	30,700					30,700

Funding Sources	2015	2016	2017	2018	2019	Total
Capital Outlay Reserve	30,700					30,700
Total	30,700					30,700

Capital Improvement Plan
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Project # BZ-01
Project Name Vehicle Replacement

Type Vehicle
Useful Life 10 years
Category Vehicles

Department Building & Environmental
Contact Building & Env. Admin.
Priority n/a



Description

Replacement vehicles for building inspectors/code enforcement/environmental division based on 10 year useful life, mileage and general condition.
 2015 - 2001 Chevy pickup
 2016 - 2004 Ford Explorer
 2017 - 2005 Ford Explorer

Justification

The building safety department is looking at replacing the vehicle with a hybrid/smaller SUV type replacement.

Expenditures	2015	2016	2017	2018	2019	Total
Vehicles	27,500	27,500	27,500			82,500
Total	27,500	27,500	27,500			82,500

Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund	27,500	27,500	27,500			82,500
Total	27,500	27,500	27,500			82,500

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Project #	CH-04
Project Name	Vehicle replacement

Type	Vehicle	Department	City Hall Maintenance
Useful Life	Unassigned	Contact	Building Maintenance Supv.
Category	Vehicles	Priority	n/a

Description
2016 Replace John Deere Gator 2019 Replace 2001 F250 pickup truck

Justification
The Gator is used for many building maintenance activities in the winter and summer months. Pickups are regularly used for building maintenance activities all year round.

Expenditures	2015	2016	2017	2018	2019	Total
Vehicles		15,000			35,000	50,000
Total		15,000			35,000	50,000

Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund		15,000			35,000	50,000
Total		15,000			35,000	50,000

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Project #	STM-1
Project Name	Storm Water projects

Type	Maintenance	Department	Engineering
Useful Life	Unassigned	Contact	Engineer
Category	Maintenance projects	Priority	n/a

Description
Annual pond cleaning, stormsewer repairs, BMP inventory. 2015 includes a 6" high volume water pump.
Storm Sewer infrastructure projects combined with street projects are included on the pavement management CIP sheet.

Justification
These annual projects include the testing, removal, and disposal of sediment deposits from our stormwater ponds. This is needed to assure these devices are functioning as designed and achieving the water quality standards of our NPDES permit.
The smaller stormsewer repairs include minor pipe upsizing, culvert replacement, manhole and catch basin repairs and fixing of washout areas.
A 6" high volume water pump and piping is needed to supplement the ability of our stormsewer system to drain isolated low areas that are prone to excessive standing water and flooding. The age and condition of our system, combined with the excessive rainfall experienced over the last three seasons has highlighted the need for this equipment.

Expenditures	2015	2016	2017	2018	2019	Total
Construction/Maintenance	210,000	210,000	210,000	210,000	660,000	1,500,000
Equipment	30,000					30,000
Total	240,000	210,000	210,000	210,000	660,000	1,530,000

Funding Sources	2015	2016	2017	2018	2019	Total
Storm Sewer	240,000	210,000	210,000	210,000	660,000	1,530,000
Total	240,000	210,000	210,000	210,000	660,000	1,530,000

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Project # FD-01
Project Name Vehicle Replacement

Type Vehicle
Useful Life Unassigned
Category Vehicles
Department Fire
Contact Fire Chief
Priority n/a



Description

Replace fire vehicles as follows:
 2016 - Duty Officer/command vehicle (2005 Ford Expedition)
 2017 - Inspector 2 (2006 Ford Explorer)

Justification

Fire Prevention Truck originally received on a FEMA grant to be used with the FEMA trailer. Replacement truck will be more of a multi-purpose vehicle.
 Duty Officer vehicle is the primary response vehicle and first on the scene to assess the additional vehicles to follow. This vehicle will be 11 years old in 2016.

Expenditures	2015	2016	2017	2018	2019	Total
Vehicles		45,000	32,000			77,000
Total		45,000	32,000			77,000

Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund		45,000	32,000			77,000
Total		45,000	32,000			77,000

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Project #	FD-07
Project Name	Fire Department-Other equipment

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

Description
2015 - In-truck computers replacements (\$3,500); EM response rehab/Air Trailer (\$125,000)

Justification
The computers will allow for an interface with the County's dispatch system and provide Hazmat data and dispatch applications.
The trailer will provide the capability of filling firefighter self-contained breathing apparatus (SCBA) bottles on-scene. The trailer will also carry rehabilitation and medical monitoring equipment.

Expenditures	2015	2016	2017	2018	2019	Total
Equipment	128,500					128,500
Total	128,500					128,500

Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund	128,500					128,500
Total	128,500					128,500

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Project #	FS-01
Project Name	Fire Station #1

Type	Maintenance	Department	Fire Stations
Useful Life	25 years	Contact	Fire Chief
Category	Building Maintenance	Priority	n/a

Description

2015 - Replacement and repair to Fire Station #1 Garage Floor.
 2016 - Master planning study on fire facilities.

Justification

Fire station #1 was constructed in 1979 and based on age and condition requirement repair and replacement costs.

Expenditures	2015	2016	2017	2018	2019	Total
Planning/Design		35,000				35,000
Building Maintenance	30,000					30,000
Total	30,000	35,000				65,000

Funding Sources	2015	2016	2017	2018	2019	Total
Government Buildings Reserve	30,000	35,000				65,000
Total	30,000	35,000				65,000

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Project # IA-01
Project Name Ice Arena Equipment

Type Equipment
Useful Life 10 years
Category Equipment

Department Ice Arena
Contact Park & Rec. Director
Priority n/a



Description

2016 - 1999 Electric Ice Resurfacer

Justification

The existing electric machine was purchased in 1999 and will have over 5,000 hours of use on it. By establishing an ice resurfacer replacement plan the Arena will operate smoothly without unexpected problems arising.

Expenditures	2015	2016	2017	2018	2019	Total
Equipment		120,000				120,000
Total		120,000				120,000

Funding Sources	2015	2016	2017	2018	2019	Total
Ice Arena		120,000				120,000
Total		120,000				120,000

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Project #	II-00
Project Name	Intersection Enhancements

Type	Infrastructure	Department	Infrastructure Improvements
Useful Life	25 years	Contact	Engineer
Category	Street Construction	Priority	n/a

Description

Complete enhancements of underperforming intersections within the City of Elk River. Improvements will be considered on a yearly basis and may include costs for right-of-way acquisition and construction of intersection enhancements. Such enhancements may include the extension or addition of turn lanes, restriping, modifications of medians, or drainage.

Justification

These proposed enhancement projects are relatively small in size and cost for the benefit they will provide to the overall transportation system.

Expenditures	2015	2016	2017	2018	2019	Total
Construction/Maintenance		100,000		100,000		200,000
Total		100,000		100,000		200,000

Funding Sources	2015	2016	2017	2018	2019	Total
Street Improvement Reserve		100,000		100,000		200,000
Total		100,000		100,000		200,000

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Project #	II-33
Project Name	Intersection Improvements

Type	Improvement	Department	Infrastructure Improvements
Useful Life	15 years	Contact	Planning Manager
Category	Landscaping/Boulevards	Priority	n/a

Description
Improve major intersection with landscaping

Justification
Beautification of School/169, Jackson/169, Proctor/10, Main/10, and 171st/10 intersections

Expenditures	2015	2016	2017	2018	2019	Total
Construction/Maintenance	30,000	30,000	30,000			90,000
Total	30,000	30,000	30,000			90,000

Funding Sources	2015	2016	2017	2018	2019	Total
Street Improvement Reserve	30,000	30,000	30,000			90,000
Total	30,000	30,000	30,000			90,000

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Project #	II-34
Project Name	Monument Signs

Type	Improvement	Department	Infrastructure Improvements
Useful Life	25 years	Contact	Planning Manager
Category	Landscaping/Boulevards	Priority	n/a

Description

Add entrance monument signs at southbound 169, westbound 10, and northbound 169/101

Justification

Beautification goal:
 add large monument signs at city entrances to satisfy beautification goals.

Expenditures	2015	2016	2017	2018	2019	Total
Construction/Maintenance	40,000		60,000		60,000	160,000
Total	40,000		60,000		60,000	160,000

Funding Sources	2015	2016	2017	2018	2019	Total
Street Improvement Reserve	40,000		60,000		60,000	160,000
Total	40,000		60,000		60,000	160,000

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Project #	II-40
Project Name	Highland Ave. Water Main

Type	Infrastructure	Department	Infrastructure Improvements
Useful Life	20 years	Contact	Engineer
Category	Street & Utility Construction	Priority	n/a

Description
New water main during City road reconstruction project for Oxford Street, Norfolk Street, 192nd Ave, Lowell Circle.

Justification
Increase system capacity.

Expenditures	2015	2016	2017	2018	2019	Total
Construction/Maintenance			150,000			150,000
Total			150,000			150,000

Funding Sources	2015	2016	2017	2018	2019	Total
Trunk Utility Fund			150,000			150,000
Total			150,000			150,000

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Project #	II-42
Project Name	Well #9 Filter Plant

Type	Infrastructure	Department	Infrastructure Improvements
Useful Life	Unassigned	Contact	Engineer
Category	Street & Utility Construction	Priority	n/a

Description
Engineering services for a new filter plant for well #9.

Justification
This project will allow ERMU to simultaneously run filter wells #7 and #9 to move water towards the Natures Edge Business Center. The actual construct on well #9 won't be until 2016 and will be a bonding project by ERMU. Engineering work is being requested out of trunk utility funds for 2015.

Expenditures	2015	2016	2017	2018	2019	Total
Engineering	60,000					60,000
Total	60,000					60,000

Funding Sources	2015	2016	2017	2018	2019	Total
Trunk Utility Fund	60,000					60,000
Total	60,000					60,000

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Project #	QZ
Project Name	Quiet Zones

Type	Infrastructure	Department	Infrastructure Improvements
Useful Life	25 years	Contact	Engineer
Category	Street Construction	Priority	n/a

Description

Establish a quiet zone at all street crossings along the BNSF rail line.

Justification

This project will involve the installation of supplemental safety measures and wayside horns to qualify the entire rail corridor through Elk River as a quiet zone.

Expenditures	2015	2016	2017	2018	2019	Total
Construction/Maintenance	1,350,000					1,350,000
Total	1,350,000					1,350,000

Funding Sources	2015	2016	2017	2018	2019	Total
Liquor Fund	850,000					850,000
Street Improvement Reserve	500,000					500,000
Total	1,350,000					1,350,000

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Project #	SC-03
Project Name	Annual Sealcoat Program

Type	Maintenance	Department	Infrastructure Improvements
Useful Life	7 years	Contact	Street Supt.
Category	Street Maintenance	Priority	n/a

Description

Preventative maintenance of sealcoating and small overlay projects.

Justification

Method of maintaining the surface condition of the streets 7-8 miles of streets sealcoated on an annual basis.

Expenditures	2015	2016	2017	2018	2019	Total
Construction/Maintenance	365,199	394,382	396,268	392,156	403,921	1,951,926
Total	365,199	394,382	396,268	392,156	403,921	1,951,926

Funding Sources	2015	2016	2017	2018	2019	Total
Pavement Management Fund	365,199	394,382	396,268	392,156	403,921	1,951,926
Total	365,199	394,382	396,268	392,156	403,921	1,951,926

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Project # LB-03
Project Name Library Facility

Type Improvement **Department** Library
Useful Life Unassigned **Contact** Park & Rec. Director
Category Building Maintenance **Priority** n/a

Description

Improvements to the Library Building and grounds:
2015 - Back building entrance improvements; Paver replacement with Asphalt or Concrete.
2016-2017 - LED Lighting and Parking Ballard's improvement.
2019 - Fireplace improvements.

Ongoing Tree replacement plan (2015-2019)

Justification

Beautification and maintenance of the library grounds and building.

Expenditures	2015	2016	2017	2018	2019	Total
Buildings					10,000	10,000
Grounds	7,000	5,000	5,000	5,000	5,000	27,000
Parking Lot	9,000	5,000	5,000			19,000
Total	16,000	10,000	10,000	5,000	15,000	56,000

Funding Sources	2015	2016	2017	2018	2019	Total
Library	16,000	10,000	10,000	5,000	15,000	56,000
Total	16,000	10,000	10,000	5,000	15,000	56,000

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Project #	LS-01
Project Name	Northbound Building Maintenance

Type	Maintenance	Department	Liquor Fund
Useful Life	20 years	Contact	Liquor Store Manager
Category	Building Maintenance	Priority	n/a

Description
Roof replacement at Northbound Liquor Store

Justification
The original roof from 1997 is starting to experience several leaks a year. We continue to perform minor roof patches, but frequency seems to be increasing.

Expenditures	2015	2016	2017	2018	2019	Total
Building Maintenance		100,000				100,000
Total		100,000				100,000

Funding Sources	2015	2016	2017	2018	2019	Total
Liquor Fund		100,000				100,000
Total		100,000				100,000

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Project #	OK-13
Project Name	Oak Knoll Lighting Project

Type	Improvement	Department	Park Improvement Fund
Useful Life	Unassigned	Contact	Park & Rec. Director
Category	Park Improvements	Priority	n/a

Description

The project will install athletic field lighting at the Oak Knoll Athletic Complex field #10. The project includes electrical and irrigation upgrades needed to develop an improved lighted field at Oak Knoll.

Justification

Youth Football and Lacrosse associations entered into an agreement on December 2, 2013 with the City to donate \$73,000 over the next several years. Both sports organizations and the Parks and Recreation Commission have commented on the need in Elk River for an additional field with lights since the city currently has one field with lights at the Youth Athletic Complex (YAC).

Funding Sources	2015	2016	2017	2018	2019	Total
Donors	10,000	10,000	10,000			30,000
Total	10,000	10,000	10,000			30,000

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Project #	PIF-18
Project Name	2018 park improvement projects

Type	Maintenance	Department	Park Improvement Fund
Useful Life	Unassigned	Contact	Park & Rec. Director
Category	Park Improvements	Priority	n/a

Description
2018 projects include: playground safety (\$6,900) trail repairs and replacement (\$237,000) park property lines (\$3,000) athletic field amenities (\$30,000)

Justification
Annual maintenance/repairs of our park system.

Expenditures	2015	2016	2017	2018	2019	Total
Park Improvements				276,900		276,900
Total				276,900		276,900

Funding Sources	2015	2016	2017	2018	2019	Total
Park Improvement Fund				276,900		276,900
Total				276,900		276,900

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Project #	PIF-19
Project Name	2019 park improvement projects

Type	Maintenance	Department	Park Improvement Fund
Useful Life	Unassigned	Contact	Park & Rec. Director
Category	Park Improvements	Priority	n/a

Description

2019 projects include:
 Playground safety (\$6,900)
 Trail repairs & connections (\$270,000)

Justification

Annual maintenance/repairs of our park system.

Expenditures	2015	2016	2017	2018	2019	Total
Park Improvements					276,900	276,900
Total					276,900	276,900

Funding Sources	2015	2016	2017	2018	2019	Total
Park Improvement Fund					276,900	276,900
Total					276,900	276,900

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project #	PK-17
Project Name	2017 Park Maintenance Equipment

Type	Equipment	Department	Park Maintenance
Useful Life	Unassigned	Contact	Park & Rec. Director
Category	Equipment	Priority	n/a

Description
1990 F350 \$30,500
2005 Chevy Silverado \$30,500
2005 Ski-Doo Skandic \$10,200
2011 Toro Groundsmaster wide area mower \$72,100
2006 Mower trailer \$8,000
Tractor attachments \$19,100

Justification
Annual replacement of parks equipment based on usage, age, and reliability.

Expenditures	2015	2016	2017	2018	2019	Total
Equipment			170,400			170,400
Total			170,400			170,400
Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund			170,400			170,400
Total			170,400			170,400

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project #	PK-18
Project Name	2018 Park Maintenance Equipment

Type	Equipment	Department	Park Maintenance
Useful Life	Unassigned	Contact	Park & Rec. Director
Category	Equipment	Priority	n/a

Description
Replace 2008 F250 pickup truck \$27,400 Replace 2003 Suzuki ATV \$6,000 Additional 2-ton truck with dump \$65,000 Tractor attachments \$27,500 Skid steer attachments \$6,500 Replace 2010 John Deere Tractor \$53,000

Justification
Annual replacement of parks equipment based on usage, age, and reliability.

Expenditures	2015	2016	2017	2018	2019	Total
Equipment				185,400		185,400
Total				185,400		185,400
Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund				185,400		185,400
Total				185,400		185,400

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project #	PK-19
Project Name	2019 Park Maintenance Equipment

Type	Equipment	Department	Park Maintenance
Useful Life	Unassigned	Contact	Park & Rec. Director
Category	Equipment	Priority	n/a

Description
Replace tractor attachments \$9,000 2003 ATV replacement \$6,000 Replace 2008 Ford F250 Replace 2011 Ford F550

Justification
Annual replacement of parks equipment based on usage, age, and reliability.

Expenditures	2015	2016	2017	2018	2019	Total
Equipment					101,900	101,900
Total					101,900	101,900

Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund					101,900	101,900
Total					101,900	101,900

Capital Improvement Plan
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2015 *thru* 2019

Project #	101
Project Name	Pinewood Equipment Replacement

Type	Equipment	Department	Pinewood Golf Course
Useful Life	Unassigned	Contact	Park & Rec. Director
Category	Equipment	Priority	n/a

Description
2015 - Replace 2006 Toro 5200-D, \$40,000; Club car utility cart, \$7,000; 2006 Toro Sidewinder \$35,200 2016 - Replace 2006 Toro GM-3150, \$27,000; 2005 Golf carts, \$25,200 2017 - Replace 2005 Golf Carts, \$25,200 2018 - Replace 2006 Toro workman \$12,000; 2006 lely fertilizer spreader \$6,000 2019 - Replace 2003 Cub cadet zero turn \$20,000; 2013 Toro GM-3150 \$27,000

Justification
Annual replacement based on age and condition of equipment at the Golf Course.

Expenditures	2015	2016	2017	2018	2019	Total
Equipment	82,200	52,200	25,200	18,000	47,000	224,600
Total	82,200	52,200	25,200	18,000	47,000	224,600

Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund	82,200	52,200	25,200	18,000	47,000	224,600
Total	82,200	52,200	25,200	18,000	47,000	224,600

Capital Improvement Plan
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2015 *thru* 2019

Project # PD-01
Project Name Marked Squad Replacement & Additions



Type Vehicle
Useful Life 3 years
Category Vehicles
Department Police
Contact Police Chief
Priority n/a

Description

Routine replacement of vehicles at or near 100,000 miles. Includes all equipment and setup.
 2015 - 3 replacement
 2016 - 2 replacement
 2017 - 2 replacement; 1 new
 2018 - 2 replacement
 2019 - 2 replacement

Justification

Annual replacement (3-4 years) of vehicles with over 100,000 miles or high miles and excessive maint. cost.

Expenditures	2015	2016	2017	2018	2019	Total
Vehicles	111,000	74,000	111,000	74,000	111,000	481,000
Total	111,000	74,000	111,000	74,000	111,000	481,000

Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund	111,000	74,000	111,000	74,000	111,000	481,000
Total	111,000	74,000	111,000	74,000	111,000	481,000

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project # PD-02
Project Name Unmarked Squad Replacement & Additions

Type Vehicle
Useful Life 7 years
Category Vehicles
Department Police
Contact Police Chief
Priority n/a



Description

2015 - 2 replacement
 2016 - 2 replacement
 2017 - None
 2018 - 1 replacement
 2019 - 2 replacement

Justification

Annual replacement of high mileage unmarked vehicles. (100,000 plus or over 7-years old)

Expenditures	2015	2016	2017	2018	2019	Total
Vehicles	52,000	52,000		26,000	52,000	182,000
Total	52,000	52,000		26,000	52,000	182,000

Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund	52,000	52,000		26,000	52,000	182,000
Total	52,000	52,000		26,000	52,000	182,000

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project # PD-03
Project Name CSO Vehicle Replacement & Additions

Type Vehicle
Useful Life 6 years
Category Vehicles
Department Police
Contact Police Chief
Priority n/a



Description

CSO vehicle replacement and additions as follows:
 2016 - 1 replacement
 2019 - 1 replacement

Justification

Annual replacement of vehicles with over 100,000 miles or over 6-years old.

Expenditures	2015	2016	2017	2018	2019	Total
Vehicles		37,000			37,000	74,000
Total		37,000			37,000	74,000

Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund		37,000			37,000	74,000
Total		37,000			37,000	74,000

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project #	PD-04
Project Name	Police Department - Other Equipment

Type	Equipment	Department	Police
Useful Life	Unassigned	Contact	Police Chief
Category	Equipment	Priority	n/a

Description
2015 - 4 Mobile Computer replacement and other equipment 2016 - 6 Mobile Computer replacement and other equipment 2017 - 3 Mobile Computer replacement and other equipment 2018 - 3 Mobile Computer replacement and other equipment 2019 - 7 Mobile Computer replacement and other equipment

Justification
Annual replacement of computers that are over 5-7 years old.

Expenditures	2015	2016	2017	2018	2019	Total
Equipment	16,000	24,000	12,000	12,000	28,000	92,000
Total	16,000	24,000	12,000	12,000	28,000	92,000

Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund	16,000	24,000	12,000	12,000	28,000	92,000
Total	16,000	24,000	12,000	12,000	28,000	92,000

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project #	BL-07
Project Name	Activity Center

Type	Maintenance	Department	Public Buildings
Useful Life	Unassigned	Contact	Park & Rec. Director
Category	Buildings	Priority	n/a

Description

2015 projects include roof replacement, ventilation system, carpet, boilers, AC unit replacement, doors, lighting/ceiling tiles, EMS controls.

2016 project include replacing the exterior lighting with LED.

Justification

The activity center was built in 1975 and functioned as a library prior to it becoming the activity center. Projects will be prioritized pending facility plan review.

Expenditures	2015	2016	2017	2018	2019	Total
Building Maintenance	235,557	11,040				246,597
Total	235,557	11,040				246,597

Funding Sources	2015	2016	2017	2018	2019	Total
Government Buildings Reserve	235,557	11,040				246,597
Total	235,557	11,040				246,597

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project #	BL-13
Project Name	Lions Park Building

Type	Maintenance	Department	Public Buildings
Useful Life	Unassigned	Contact	Park & Rec. Director
Category	Building Maintenance	Priority	n/a

Description
 Remodel Lion's Park Center to include a warming house.

Justification
 Park maintenance need to replace a trailer rented as a warming house at Lion's Park skating rink. A remodel to Lion's Park Center provides a long-term solution to the trailer rental.

Expenditures	2015	2016	2017	2018	2019	Total
Building Maintenance	7,000					7,000
Total	7,000					7,000

Funding Sources	2015	2016	2017	2018	2019	Total
Government Buildings Reserve	7,000					7,000
Total	7,000					7,000

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project #	PS-03
Project Name	Public Safety Building maintenance

Type	Maintenance	Department	Public Safety Building
Useful Life	Unassigned	Contact	Building Maintenance Supv.
Category	Building Maintenance	Priority	n/a

Description

2015 - Carpet replacement in the Police department (offices/high traffic areas only). Fire department administration remodel and turnout gear washer.
 2017 - Carpet replacement the the remaining Police department
 2017 - Additional garage space (2018), with engineering starting in (2017)
 2019 - 2nd floor buildout of the public safety building

Justification

The Public Safety building was built in 2002 and the traffic volume from staff and visitors has started to wear on the carpet and tiles.

Expenditures	2015	2016	2017	2018	2019	Total
Planning/Design			20,000			20,000
Equipment	13,000					13,000
Building Maintenance	85,000					85,000
Design/Construction				500,000	500,000	1,000,000
Total	98,000		20,000	500,000	500,000	1,118,000

Funding Sources	2015	2016	2017	2018	2019	Total
Government Buildings Reserve	98,000		20,000	500,000	500,000	1,118,000
Total	98,000		20,000	500,000	500,000	1,118,000

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project #	WW-03
Project Name	Jet/Vacuum truck

Type	Equipment	Department	Sewer Department
Useful Life	10 years	Contact	Chief Wastewater Operator
Category	Heavy Equipment	Priority	n/a

Description

Replace the current Jet/Vac truck for the sewer division

Justification

In 2015, the sewer division jet/vac truck will be 12 years old and have reached its planned replacement age. Given the miles of sewer lines that need to be cleaned each year it is important to have dependable equipment for the sewer division to perform one of its key functions.

Due to emission standard changes the purchase was moved up to 2014.

Expenditures	2015	2016	2017	2018	2019	Total
Equipment	340,100					340,100
Total	340,100					340,100

Funding Sources	2015	2016	2017	2018	2019	Total
Sewer Fund	340,100					340,100
Total	340,100					340,100

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project #	WW-06
Project Name	Vehicle Replacement

Type	Vehicle	Department	Sewer Department
Useful Life	10 years	Contact	Chief Wastewater Operator
Category	Vehicles	Priority	n/a

Description
2015 - replace 1998 Chevy 1/2 ton 2016 - 1-ton with hoist replacement 2018 - pickup replacement

Justification
Annual replacement of vehicles after approximately 10 years and is adjusted based on maintenance costs and condition of vehicles.

Expenditures	2015	2016	2017	2018	2019	Total
Vehicles	35,000	70,000		35,000		140,000
Total	35,000	70,000		35,000		140,000

Funding Sources	2015	2016	2017	2018	2019	Total
Sewer Fund	35,000	70,000		35,000		140,000
Total	35,000	70,000		35,000		140,000

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project #	WW-17
Project Name	Plant Expansion Master Plan

Type	Improvement	Department	Sewer Department
Useful Life	Unassigned	Contact	Engineer
Category	Plant Expansion	Priority	n/a

Description

Modification to the existing WWTF. These modifications will increase the treatment capacity and meet the limits of our MPCA discharge permit. The improvements are currently being designed according to growth projections, permit requirements and findings of the approved Facility Plan.

 Project started in 2014.

Justification

In addition to the increased flow projections expected as the City grows, treatment limits of our reissued MPCA permit continue to require additional equipment and treatment processes to meet the MPCA requirements.

Expenditures	2015	2016	2017	2018	2019	Total
Construction/Maintenance	10,500,000	4,607,050				15,107,050
Total	10,500,000	4,607,050				15,107,050

Funding Sources	2015	2016	2017	2018	2019	Total
Bond Proceeds	3,500,000	4,607,050				8,107,050
Sewer Fund	3,000,000					3,000,000
State grants	3,000,000					3,000,000
Trunk Utility Fund	1,000,000					1,000,000
Total	10,500,000	4,607,050				15,107,050

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project # ST-01
Project Name Vehicle Replacement - pickup trucks



Type Vehicle
Useful Life 10 years
Category Vehicles
Department Streets
Contact Street Supt.
Priority n/a

Description

Street department pickup truck replacements.
 2018 - replace 2008 Ford F250 and 2007 Ford F550 dump box truck
 2019 - replace 2010 Ford F250 and 2010 Ford F250 4door

Justification

Annual replacement of streets equipment based on usage, age, and reliability.

Expenditures	2015	2016	2017	2018	2019	Total
Vehicles				110,000	110,000	220,000
Total				110,000	110,000	220,000

Funding Sources	2015	2016	2017	2018	2019	Total
Equipment Replacement Fund				110,000	110,000	220,000
Total				110,000	110,000	220,000

Capital Improvement Plan
City of Elk River, Minnesota

2015 *thru* 2019

Project #	TC-01
Project Name	Annual Technology Upgrades

Type	Equipment	Department	Technology/Communications
Useful Life	Unassigned	Contact	IT Coordinator
Category	Technology/Communications	Priority	n/a

Description
2015 - phone system replacement, fiber optic enhancements, council computer replacements, microsoft office refresh, HRIS software 2016 - SQL server upgrades, hardware and enterprise switch/UPS, fiber network enhancements 2017 - None 2018 - hardware and enterprise switch upgrade/virtual desktop implementation 2019 - Security Camera replacement

Justification
Annual replacement and upgrade of information technology software/hardware.

Expenditures	2015	2016	2017	2018	2019	Total
Equipment	309,300	72,000		175,000	20,000	576,300
Software/Hardware	53,000					53,000
Total	362,300	72,000		175,000	20,000	629,300

Funding Sources	2015	2016	2017	2018	2019	Total
Capital Outlay Reserve	317,300	72,000		175,000	20,000	584,300
ERMU	45,000					45,000
Total	362,300	72,000		175,000	20,000	629,300