

2016 - 2020 Capital Improvement Plan

2016 CIP: DEPARTMENT

	2016		2017		2018		2019		2020		Potential Revenue Source
	Project Cost	City Proposed Portion	Project Cost	City Proposed Portion	Project Cost	City Proposed Portion	Project Cost	City Proposed Portion	Project Cost	City Proposed Portion	
Roads											
Tamarack North of Medina to Blackfoot Overlay							\$ 54,000	\$ 43,200			Reserves/Bonds/Assessments
Tamarack - Medina to 24 - Overlay							\$ 49,985	\$ 39,988			
Tamarack City Limits to CSAH 24 Overlay							\$ 77,675	\$ 62,140			Reserves/Bonds/Assessments
Clydesdale trail overlay 116 to 600			\$ 80,000	\$ 40,000							Reserves/Bonds/Assessments
600 Clydesdale - Parking Lot	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000			Reserves/Bonds/Assessments
Oakview Road - Overlay							\$ 43,000	\$ 21,500			Reserves/Bonds/Assessments
Deer Hill Road East - Overlay							\$ 27,040	\$ 13,520			Reserves/Bonds/Assessments
Dusty Trail - Overlay							\$ 3,900	\$ 1,950			Reserves/Bonds/Assessments
Morgan Rd.											Reserves/Bonds/Assessments
Independence Beach Overlay											Reserves/Bonds/Assessments
Tower Recon - Tower Drive Schedule A & K											MSA/Bonds/Assessments
Tower Recon - Hamel Road West Schedule B & L											MSA/Bonds/Assessments
Tower Recon - Hamel Road East Schedule C & M											MSA/Bonds/Assessments
Tower Recon - Kilkenny Lane Schedule D											MSA/Bonds/Assessments
Chestnut Road - Overlay					\$ 50,000	\$ 25,000					Reserves/Bonds/Assessments
Hickory Drive - Reconstruct					\$ 180,427	\$ 90,214					Reserves/Bonds/Assessments
Comanche Trail Overlay	\$ 24,125	\$ 13,563									Reserves/Bonds/Assessments
Chippewa Road West overlay											Reserves/Bonds/Assessments
Lakeview Road overlay	\$ 47,232	\$ 23,616									Reserves/Bonds/Assessments
Willow Drive Orono to 24 Overlay											Reserves/Bonds/Assessments
Willow Drive N of Chippewa overlay blacktop portion			\$ 59,000	\$ 47,000							Reserves/Bonds/Assessments
Willow Drive North to 24 - reclaim					\$ 200,000	\$ 160,000					Reserves/Bonds/Assessments
Wichita Trail overlay			\$ 125,086	\$ 62,543							Reserves/Bonds/Assessments
Tower Drive West of Pinto Overlay					\$ 30,000	\$ 15,000					Reserves/Bonds/Assessments
Cottonwood Trail Upgrade	\$ 91,000	\$ 13,000									Reserves/Bonds/Assessments
Iroquois Drive Overlay					\$ 26,000	\$ 13,000					Reserves/Bonds/Assessments
Willowbrook RD											Split/Orono Road Bond
Maplewood Drive Overlay					\$ 29,328	\$ 14,664					Reserves/Bonds/Assessments
Bobolink Road Overlay					\$ 86,326	\$ 43,163					Reserves/Bonds/Assessments
Morningside Road Overlay					\$ 100,654	\$ 50,327					Reserves/Bonds/Assessments
Elsinore Circle N of Morningside Rd Overlay					\$ 18,789	\$ 9,395					Reserves/Bonds/Assessments
Tuckborough/Hunter farms Addition overlay											Reserves/Bonds/Assessments
Townline Road CR11 to TH 55 Overlay											Independence funds/Road Bonds/Assessments
Sioux Drive Turn Lane	\$ 200,000	\$ 200,000									Road Bonds/MSA
Hwy 55 & CSAH101 Signal upgrade											Developer/Assessments (reimburse City)
Hwy 55 & CR 116 Whistleless Crossing											Reserves/MSA
Hwy 55 & CR 116 Intersection			\$ 3,957,153	\$ 858,443							TH 55 Intersect Capital Impr Fund/Fed & State Match/MSA
Roads Sub-total	\$ 382,357	\$ 270,179	\$ 4,241,239	\$ 1,027,986	\$ 741,524	\$ 440,762	\$ 275,600	\$ 202,298	\$ -	\$ -	
Public Works											
Tandem											Equipment Bonds/Cap Equip Fund
Crack Sealer											Equipment Bonds/Cap Equip Fund
Tanker	\$ 20,000	\$ 20,000									Equipment Bonds/Cap Equip Fund
1984 Grader rehab			\$ 25,000	\$ 25,000							Equipment Bonds/Cap Equip Fund
Replace 2007 550					\$ 60,000	\$ 60,000					Equipment Bonds/Cap Equip Fund

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Air Compressor (40% Parks)											Equipment Bonds/Cap Equip Fund
Sweeper											Grant
Brush Hog (50% Parks)	\$ 5,000	\$ 5,000									
Self propelled kick off broom					\$ 40,000	\$ 40,000					Equipment Bonds/Cap Equip Fund
Lift											Grant
Skid Steer Upgrade w/ Bucket	\$ 5,000	\$ 5,000									Equipment Bonds/Cap Equip Fund
Pickup Truck 3/4 Ton (50% Parks)	\$ 30,000	\$ 15,000									Equipment Bonds/Cap Equip Fund
Tandem Trailer											Equipment Bonds/Cap Equip Fund
Single Axle Truck					\$ 220,000	\$ 220,000					Equipment Bonds/Cap Equip Fund
Loader			\$ 200,000	\$ 200,000							Equipment Bonds/Cap Equip Fund
Miscellaneous	\$ 2,500	\$ 2,500									Equipment Bonds/Cap Equip Fund
Public Works Sub-total	\$ 62,500	\$ 47,500	\$ 225,000	\$ 225,000	\$ 320,000	\$ 320,000	\$ -	\$ -	\$ -	\$ -	
Police											
PD Squad Cars	\$ 72,000	\$ 72,000	\$ 72,000	\$ 72,000	\$ 72,000	\$ 72,000	\$ 108,000	\$ 108,000			Equipment Bonds/Cap Equip Fund
Traffic Squad					\$ 35,000	\$ 35,000					Equipment Bonds/Cap Equip Fund
PD Speed Trailers	\$ 17,000	\$ 17,000									Equipment Bonds/Cap Equip Fund
PD Squad Camera											Fed Drug Forfeiture Fund
PD Squad Portable Radios											DWI Forfeiture Fund
Portable Radios					\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000			DWI Forfeiture Fund
PD Squad Laptops/Software MDC					\$ 40,000	\$ 40,000					DWI Forfeiture Fund
PD Card Reader System											DWI Forfeiture Fund
Electronics (New PD Facility)											DWI Forfeiture Fund
Workout Equipment											DWI Forfeiture Fund/ Excellence Award
Bicycles			\$ 2,000	\$ 2,000							Equipment Bonds/Cap Equip Fund
Digital Speed Signs	\$ 8,000	\$ 8,000									Equipment Bonds/Cap Equip Fund
Lexipol Policy Software			\$ 10,000	\$ 10,000							Fed Drug Forfeiture Fund
Tasers	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000							Equipment Bonds/Cap Equip Fund
Side Arms					\$ 7,500	\$ 7,500					DWI Forfeiture Fund
223 Rifles (2)	\$ 5,000	\$ 5,000									Equipment Bonds/Cap Equip Fund
Bunkers & Helmets			\$ 7,500	\$ 7,500							Equipment Bonds/Cap Equip Fund
Miscellaneous - Equip Fund											Equipment Bonds/Cap Equip Fund
Miscellaneous - DWI Fund	\$ 6,000	\$ 6,000	\$ 4,000	\$ 4,000							DWI Forfeiture Fund
Police Sub-total	\$ 113,000	\$ 113,000	\$ 100,500	\$ 100,500	\$ 181,500	\$ 181,500	\$ 135,000	\$ 135,000	\$ -	\$ -	
Fire											
HAMEL											
SCBA Replacement											funded by grants/other
Mobile Radio Replacement											funded by grants/other
Lucas Tool											Equipment Bonds/Cap Equip Fund
Ongoing PPE Replacement	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000		Equipment Bonds/Cap Equip Fund
Bldg - Exhaust Removal System											Equipment Bonds/Cap Equip Fund
Thermal Imaging Camera											Equipment Bonds/Cap Equip Fund
Engine 11 Trash Line											Equipment Bonds/Cap Equip Fund
Hose - 1.75" & 2"											Equipment Bonds/Cap Equip Fund
Duty Officer Vehicle											Equipment Bonds/Cap Equip Fund
Ranger Vehicle											Equipment Bonds/Cap Equip Fund
E11 Rescue Tool Replacement											funded by grants/other
Defibrillator											funded by grants/other
Utility 11 Overhaul/retrofit	\$ 21,667		\$ 21,667		\$ 21,667	\$ -					Equipment Bonds/Cap Equip Fund
Command Vehicle Replacement			\$ 4,320	\$ -	\$ 4,320		\$ 4,320		\$ 4,320		Equipment Bonds/Cap Equip Fund
Engine 11 Refurbishment							\$ 20,000		\$ 20,000		Equipment Bonds/Cap Equip Fund
Air Lift Bag Replacement											funded by grants/other
Pumper/Tanker	\$ 38,917		\$ 38,917		\$ 38,917		\$ 38,917		\$ 38,917		Equipment Bonds/Cap Equip Fund
Portable JAWS Tool											funded by grants/other
Bldg Improvement											
Annual Contract		\$ 70,000		\$ 73,000		\$ 73,000		\$ 73,000		\$ 73,000	Equipment Bonds/Cap Equip Fund
Hamel Fire Sub-total	\$ 70,584	\$ 70,000	\$ 74,904	\$ 73,000	\$ 74,904	\$ 73,000	\$ 73,237	\$ 73,000	\$ 73,237	\$ 73,000	
Loretto & Long Lake											
Fire (Loretto)	\$ 19,000	\$ 19,000	\$ 20,000	\$ 20,000	\$ 21,000	\$ 21,000	\$ 22,000	\$ 22,000			Equipment Bonds/Cap Equip Fund
Fire (Long Lake)	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000			Equipment Bonds/Cap Equip Fund
Fire Sub-total	\$ 25,000	\$ 25,000	\$ 26,000	\$ 26,000	\$ 27,000	\$ 27,000	\$ 28,000	\$ 28,000	\$ -	\$ -	

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Emergency Management											
Emergency Operation Supplies (EOC)	\$ 2,500	\$ 2,500									Revolving Cap. Impr. Fund/ County Grant
Civil Defense Sirens			\$ 30,000	\$ 30,000							Revolving Cap. Impr. Fund/ County Grant
Civil Defense Sub-total	\$ 2,500	\$ 2,500	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Administration/Data Processing											
Vehicle											Equipment Bonds/Cap Equip Fund
Administration Sub-total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
City Buildings											
City Hall Repairs/Renovation	\$ 15,000	\$ 15,000	\$ 10,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 10,000	\$ 10,000			Revolving Cap. Impr. Fund
Community Building Repairs	\$ 10,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 10,000	\$ 10,000	\$ 15,000	\$ 15,000			Revolving Cap. Impr. Fund
PW//Police/City Hall Renovations											Recharacterization from Water Bonds
Police Server	\$ 10,000	\$ 10,000									Equipment Bonds/Cap Equip Fund
City Hall Server	\$ 10,000	\$ 10,000									Equipment Bonds/Cap Equip Fund
PW/PD Gas Pump Wiring	\$ 5,000	\$ 5,000									Revolving Cap. Impr. Fund
PW/PD Facility Roof											Revolving Cap. Impr. Fund
City Building Sub-total	\$ 50,000	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ -
Water (high growth expectation)											
Independence Beach House Controls											Water Capital Improvement
Water Treatment Plant SCADA Upgrade											Water Capital Improvement
Water Treatment Plant Expansion					\$ 1,400,000	\$ 1,400,000					Future
Well #8/pump/controls											Water Capital Improvement
Pumphouse # 3 reconstruct/raw waterline											Water Capital Improvement
Generator											Water Capital Improvement
Utility Truck	\$ 80,000	\$ 40,000									Water Capital Improvement
Willow Dr Water Tower Rehab											Water Capital Improvement
Water Tower (and land acquisition)					\$ 2,600,000	\$ 2,600,000					Future (2020-2023)
Tower Recon - Hamel Road West Watermain											Water Capital Imp / Assessments
Tower Recon - Tower Dr WaterMain											Water Capital Imp / Assessments
Water Sub-total	\$ 80,000	\$ 40,000	\$ -	\$ -	\$ 4,000,000	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer											
Generator (Foxberry or Ind Beach)											Sewer Capital Improvement
Sewer Pipe Cammera											Sewer Capital Improvement
Utility Truck	\$ 80,000	\$ 40,000									Sewer Capital Improvement
Vac & Jetter											Equip fund-Sewer/Stormwater
Extension - Others											Assessments/Sewer Capital
Gravity Sewer Replacement - Orono	\$ 60,000	\$ 60,000									Sewer Capital Improvement-27.4%
Tower Recon - Hamel Road West Sewer											Sewer Capital Imp/Assess
Tower Recon - Tower Dr Sewer											Sewer Capital Imp/Assess
Sewer Sub-total	\$ 140,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Water											
Willow Dr. Water Quality (WQ) Improvements											Road Bonds/ Assessments/ Storm Water Utility/ Grant
Vac & Jetter											Equip fund-Sewer/Stormwater
Tower Recon - Tower Dr Storm Pond											Storm Water Utility; Grants
PW Facility WQ Improvements											Elm Creek Watershed grants
Loretto Wetland Restoration/Creation											Storm Water Utility; Grants
Cottonwood Trail Infiltration Basin	\$ 5,000	\$ 5,000									Storm Water Utility; Grants
Lake Independence WQ Improvements	\$ 40,000	\$ 14,000									Storm Water Utility; Grants
Stream/Ditch restoration in MCWD area	\$ 55,000	\$ 19,250									Storm Water Utility; Grants
Wetland restoration in MCWD area	\$ 30,000	\$ 10,500									Storm Water Utility; Grants
ISTS Repair and Replacement	\$ 2,500	\$ 875									Storm Water Utility
Rain Garden Implementation Program	\$ 25,000	\$ 8,750									SWU; Grants; Env. Fund

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Storm Water Sub-total	\$ 157,500	\$ 58,375	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks											
Trails											-
Tower Recon - Hamel Rd-Hunter to Pinto											Developer/Park Dedication Fund
Arrowhead Trail (without Land Acq)	\$ 250,000	\$ 250,000									Park Dedication Fund/Grants
General Landscaping - all parks	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	Park Dedication Fund
Small Equip/Improvements - all parks	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	Park Dedication Fund
Large Equipment											
Air Compressor (60% PW)											Park Dedication Fund
Pickup Truck 3/4 Ton (50% PW)	\$ 30,000	\$ 15,000									Park Dedication Fund
Brush Hog (50% PW)	\$ 5,000	\$ 5,000									Park Dedication Fund
Hamel Legion Park											-
Hawks Field/Parking Lot clean-up	\$ 75,000	\$ 75,000									Park Dedication Fund
Dugout Covers	\$ 25,000	\$ 25,000									Park Dedication/Grants/Donations Grants/Donations
Snow Machine	\$ 10,000	\$ 10,000									Park Dedication/Grants/Donations
Trail Lights											Park Dedication/Grants/Donations
Holy Name Park											-
Picnic Shelter											Park Dedication Fund
Hunter Lions Park											Park Dedication Fund
Playground Mats and Weed Chips											Park Dedication Fund/Donations
Fence Rail Covers	\$ 1,000	\$ 1,000									Park Dedication Fund
New Picnic Tables	\$ 4,000	\$ 4,000									Park Dedication Fund
Lakeshore Park											-
Add Playground Features	\$ 5,000	\$ 5,000									Park Dedication Fund
Picnic tables and concrete pads											Park Dedication Fund
Horseshoe pits											Park Dedication Fund
Stone steps to boat launch											
Rainwater Nature Area											Park Dedication Fund
Bridge by New Trail	\$ 75,000	\$ 75,000									Park Dedication Fund
Maple Park											-
Soccer Nets	\$ 5,000	\$ 5,000									Park Dedication Fund
Pavillion	\$ 20,000	\$ 20,000									Park Dedication Fund
Medina Morningside Park											
Fix Curbing around playground											Revolving Cap. Impr. Fund
Land Acquisitions / New Trails	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	Park Dedication Fund/Grants
Tomann Preserve - Park Development			\$ 20,000	\$ 20,000							Park Dedication Fund
The Park at Fields of Medina											Park Dedication Fund
Park Land by Medina Golf & CC											Park Dedication Fund
Parks Sub-total	\$ 782,000	\$ 767,000	\$ 297,000	\$ 297,000	\$ 277,000	\$ 277,000	\$ 277,000	\$ 277,000	\$ 277,000	\$ 277,000	
TOTAL:	\$ 1,794,857	\$ 1,543,554	\$ 4,944,739	\$ 1,731,486	\$ 5,572,024	\$ 5,271,262	\$ 740,600	\$ 667,298	\$ 277,000	\$ 277,000	