

## Capital Improvement Plan, City of Orono

<b>Summary of Costs</b>										
	5-Year CIP					Planning Period				
CIP	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Parks (A-1)	\$170,000	\$165,000	\$141,702	\$330,000	\$255,000	\$190,000	\$255,890	\$524,700	\$577,000	\$290,000
Equipment (A-2a)	\$126,184	\$328,073	\$225,000	\$450,000	\$390,500	\$185,800	\$135,500	\$140,461	\$40,000	\$402,800
Building (A-2b)	\$1,831,500	\$6,605,635	\$105,000	\$439,560	\$209,000	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000
IT (A-2c)	\$15,000	\$115,000	\$0	\$0	\$12,000	\$22,000	\$43,000	\$15,000	\$0	\$0
Long Lake Fire (A-3)	\$110,500	\$51,000	\$0	\$0	\$119,000	\$51,000	\$55,250	\$488,750	\$0	\$76,500
Community Investment (A-4)	\$50,000	\$568,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Public Works - Streets - PMF & MSA (A-5)	\$1,195,437	\$397,767	\$2,357,186	\$2,624,900	\$1,263,200	\$1,581,000	\$1,612,620	\$1,644,872	\$1,677,770	\$1,711,325
Public Works - Water (A-6)	\$420,500	\$348,540	\$277,989	\$193,797	\$397,833	\$428,528	\$489,242	\$459,973	\$420,722	\$320,722
Public Works - Sanitary Sewer (A-7)	\$833,000	\$434,000	\$680,750	\$578,450	\$519,500	\$660,000	\$460,000	\$660,000	\$460,000	\$660,000
Public Works - Storm Sewer (A-8)	\$536,150	\$371,445	\$428,635	\$541,180	\$305,320	\$405,000	\$462,985	\$405,000	\$405,000	\$405,000
Police (A-9)	\$376,883	\$202,389	\$197,911	\$182,448	\$198,002	\$237,572	\$240,159	\$205,764	\$198,386	\$157,528
<b>Totals</b>	<b>\$5,665,154</b>	<b>\$9,587,819</b>	<b>\$4,414,173</b>	<b>\$5,340,334</b>	<b>\$3,669,354</b>	<b>\$3,920,900</b>	<b>\$3,914,645</b>	<b>\$4,704,519</b>	<b>\$3,938,878</b>	<b>\$4,183,875</b>

## Debt Service Levy

Debt Issue	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
2010 Street Reconstruction Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2014 Garage, Water, Refunding Bonds	\$166,700	\$161,000	\$242,000	\$277,000	\$277,000	\$278,857	\$278,000	\$278,000	\$0	\$0
2016 GO Refunding	\$412,780	\$416,675	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Current Debt Levy</b>	<b>\$579,480</b>	<b>\$577,675</b>	<b>\$242,000</b>	<b>\$277,000</b>	<b>\$277,000</b>	<b>\$278,857</b>	<b>\$278,000</b>	<b>\$278,000</b>	<b>\$0</b>	<b>\$0</b>

# Capital Improvement Plan, City of Orono

<b>Parks CIP</b>	<b>Table A-1</b>									
<b>Project</b>	<b>5-Year CIP</b>					<b>Planning Period</b>				
	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
Trail Construction along CSAH 19 (Livingston to Dakota)	\$120,000									
Lurton gravel trails	\$20,000									
Swim Platform for Sandy Beach	\$10,000									
Dock For Lydiard Beach	\$10,000									
Playground Equipment Crystal Bay		\$65,000								
Trail construction along North Arm Drive to Lakeview Legacy Park		\$80,000								
CR 6 Trail (OCB - Willow) Improvement			\$36,402							
Summit Beach Improvements (paved parking and playground)			\$95,300							
French Creek Park (Tree Maintenance and Planting)				\$20,000						
Hackberry Improvements				\$300,000						
Dock Replacement (15 year life)					\$10,000					
GC Wetland and Fairway #4 Improvements					\$160,000					
Playground Equipment Replacement (Antoine)					\$65,000					
GC Lawn Bowling						\$80,000				
Trail Access to Lowry Woods						\$100,000				
GC Tow Rope							\$102,000			
Trail Construction along Hunter or Ferndale Roads connection Luce line to northern boundary							\$133,890			
Crystal Bay Park Improvements (Scope TBD)								\$300,000		
GC Perimeter Trail								\$214,700		
Trail Construction along OCB and North Shore (Luce Line to Dakota)									\$567,000	
Trail Construction along CSAH 19 south from the Dakota Trail										\$200,000
Playground Equipment Replacement (Navarre, Hackberry, Bederwood, Crystal Bay, Fagerness)										\$70,000
Lake Access dock Replacements (15 year replacement schedule)					\$10,000					\$10,000
Lake Access Refresh (Gravel, Signage, Fencing and gates)		\$10,000					\$10,000			
Golf Course Micellaneous Improvemets	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
<b>Totals</b>	<b>\$170,000</b>	<b>\$165,000</b>	<b>\$141,702</b>	<b>\$330,000</b>	<b>\$255,000</b>	<b>\$190,000</b>	<b>\$255,890</b>	<b>\$524,700</b>	<b>\$577,000</b>	<b>\$290,000</b>

**Notes:**

1. The CSAH 112 Trail amount was provided by Hennepin County. The amount exceeds available funding. Trail would require extensive earthwork/retaining walls for area next to wetlands. Timing depends upon CSAH 112 Phase 3 project. Decision to proceed will be needed by the County by October 2020.
2. A dock/swim platform for Sandy Beach was added to the CIP at the request of the Park Commision on July 6th, 2020.

## Capital Improvement Plan, City of Orono

<b>Equipment CIP</b>	<b>5 Year CIP</b>					<b>Planning Period</b>				
<b>Equipment Description</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
Skid loader	\$48,500									
Trailer	\$11,000									
Tool Cat	\$66,684									
Tee Mower		\$38,000								
Greens Mower		\$9,700								
Top Dresser		\$10,000								
Crack Sealing Equipment		\$65,000								
Truck, 1 Ton Dump Truck w/Plow and Sander		\$142,373								
Utility Service Truck with hoist		\$63,000								
Hot Patch Truck			\$188,000							
Chevy 3/4 Ton Pickup w/Plow			\$37,000							
Vactor Truck				\$450,000						
Truck, 3/4 Ton Pickup w/Plow					\$50,000					
Chipper					\$40,500					
Jet Rodder-Tank pump and hose unit					\$300,000					
Building Inspection Vehicle						\$40,300				
Tractor Loader Backhoe						\$145,500				
Trailer							\$9,000			
Trailer							\$11,000			
Rough Mower							\$65,500			
Greens / Turf Roller							\$13,000			
Ford 3/4 Ton Pickup							\$37,000			
Skid loader								\$70,000		
Admin vehicle								\$50,000		
Mower (Big island)								\$8,961		
Air Compressor									\$40,000	
Snow blower								\$11,500		
Roller										\$40,000
Dump Truck w/ Plow and Sander										\$260,000
Truck, 1 Ton Dump Truck w/Plow and Sander										\$102,800
<b>Totals</b>	<b>\$ 126,184</b>	<b>\$ 328,073</b>	<b>\$ 225,000</b>	<b>\$ 450,000</b>	<b>\$ 390,500</b>	<b>\$ 185,800</b>	<b>\$ 135,500</b>	<b>\$ 140,461</b>	<b>\$ 40,000</b>	<b>\$ 402,800</b>

## Capital Improvement Plan, City of Orono

<b>Building CIP</b>	<b>Table A-2b</b>									
	5-Year CIP					Planning Period				
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PW Cold Storage			\$30,000							
City Hall Carpet	\$20,000									
City Hall and PW Interior Painting	\$15,000									
City Hall, PD and PW Security Upgrades	\$17,000									
City Hall Parking Lot chip Seal (7years)		\$35,000								
Public Works Roof Replacement		\$665,760								
PW Air Handling System Refurbish			\$75,000							
New Public Works Facility	\$1,779,500	\$5,904,875								
Public Works Parking Lot Repave				\$119,560						
City Hall Roof Replacement				\$320,000						
Police Department Roof Replacement					\$209,000					
Future Facilities Improvements						\$160,000	\$160,000	\$160,000	\$160,000	\$160,000
<b>Totals</b>	<b>\$1,831,500</b>	<b>\$6,605,635</b>	<b>\$105,000</b>	<b>\$439,560</b>	<b>\$209,000</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$160,000</b>

**Notes:** With council proposal to build a new Public Works facility, we need to deconflicted / reprioritize work to existing facility. This is dependent on confirmation of the new facility, timeline for the new facility and future use of the existing facility.

## Capital Improvement Plan, City of Orono

<b>IT CIP</b>	<b>Table A-2c</b>									
	5-Year CIP					Planning Period				
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Wireless Access Points - City Hall & PW	\$15,000						\$18,000			
File Servers X 2 (5 Years)					\$12,000					
Switch (Every 6 Years - 6 Switches)		\$15,000				\$22,000		\$15,000		
Phone Replacement (10 Years)		\$100,000								
Web Site Upgrade							\$25,000			
<b>Totals</b>	<b>\$15,000</b>	<b>\$115,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,000</b>	<b>\$22,000</b>	<b>\$43,000</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>

# Capital Improvement Plan, City of Orono

<b>Long Lake Fire CIP</b>						<b>Table A-3</b>				
	5-Year CIP					Planning Period				
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Replace U11 with New Utility Vehicle	\$130,000									
Replace CMD2 with New CMD1		\$60,000								
Replace Old U11 with New Grass/Medical Truck for Station 2					\$140,000					
Replace CMD2/DO with new CMD1 vehicle							\$65,000			
Replace U21 with New Utility Vehicle						\$60,000				
Refurbishment of B11 & Trailer with New Fire boat & Trailer										\$90,000
Replace E21 with New Rescue Pumper								\$575,000		
<b>Totals:</b>	<b>\$130,000</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$140,000</b>	<b>\$60,000</b>	<b>\$65,000</b>	<b>\$575,000</b>	<b>\$0</b>	<b>\$90,000</b>
<i>City of Orono's Portion (85%)</i>	<i>\$110,500</i>	<i>\$51,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$119,000</i>	<i>\$51,000</i>	<i>\$55,250</i>	<i>\$488,750</i>	<i>\$0</i>	<i>\$76,500</i>
<b>Totals</b>	<b>\$110,500</b>	<b>\$51,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$119,000</b>	<b>\$51,000</b>	<b>\$55,250</b>	<b>\$488,750</b>	<b>\$0</b>	<b>\$76,500</b>

# Capital Improvement Plan, City of Orono

## Community Investment CIP

## Table A-4

Project	5-Year CIP					Planning Period				
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Park and Ride Overlay and Restriping	\$50,000									
County Road 112 Turn Back (Lighting/Sidewalks) *		\$568,970								
<b>Totals</b>	<b>\$50,000</b>	<b>\$568,970</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

\* The scope of the County Road 112 Turn Back Project is yet to be determined. Therefore, the cost estimate for the project is subject to change and refinement as the project development process proceeds. The City's final share of the project will be established by the County's cost sharing policy and the final scope of the project as developed by the City of Orono and Hennepin County.

## Capital Improvement Plan, City of Orono

Public Works - Streets CIP										Table A-5				
Project	Type	Comment(s)	5-Year CIP					Planning Period						
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030		
Casco Circle	Reclaim		\$431,670											
Park Lane & Elm Street	Reclaim		\$173,700											
Navaree West Roads (Lyric Avenue (Blaine ot Shadywood), Crystal Place,Blaine)	Mill & Overlay		\$177,000											
Navarre East Roads (Kenwood Way, Navarre Lane, Olive Avenue, Bayview)	Mill & Overlay		\$264,600											
Eileen Street	Mill & Overlay		\$26,600											
Country Club Road and Lakeview Terrace	Mill & Overlay				\$177,200									
Kelley Parkway - OCB Rd to Stone Bay	Reclaim				\$171,400									
Partenwood	Mill & Overlay				\$122,300									
Dickenson& Russel Street	Reclaim				\$420,386									
Fox Street - Brown-Orono Orchard	Reconstruct	Permanent Weight restriction until fixed			\$1,040,200									
Ferndale Road West	Reclaim				\$325,700									
Townline Road	Reconstruct					\$365,600								
West Lake Street	Reclaim					\$37,600								
Orchard Park Road	Reclaim					\$356,900								
North Arm Drive & Lane	Reclaim					\$722,200								
Old Long Lake Road	Mill & Overlay					\$385,200								
Willow Drive - Fox St- Brown Road	Mill & Overlay	Shared with Independence and Medina.				\$309,400								
Orono Lane	Mill & Overlay						\$48,100							
Park Ave, Oak Street and Linden Ave	Mill & Overlay						\$59,900							
Kelly Avenue	Reclaim						\$506,900							
Crestview Avenue	Mill & Overlay						\$59,200							
Glendale Drive	Mill & Overlay						\$43,700							
Dahl Rd, Spruce Pl, Linden In, Forest Lake Dr and Loma Linda Ave	Mill & Overlay						\$266,900							
Crystal Bay Roads (Arbor, Prospect, Crystal, Spates, Lakeview)	Mill & Overlay			\$225,900										
Fairview Cottage	Mill & Overlay						\$9,500							
Highwood Lane	Mill & Overlay						\$81,000							
Preventive Maintenance			\$50,000	\$100,000	\$100,000	\$100,000	\$100,000							
Future road reconstructions/ M&O and Reclaims (per Year)		2% inflation						\$1,173,000	\$1,196,460	\$1,220,389	\$1,244,797	\$1,269,693		
<b>Total - Pavement Management Fund</b>			<b>\$1,123,570</b>	<b>\$325,900</b>	<b>\$2,357,186</b>	<b>\$2,276,900</b>	<b>\$1,175,200</b>	<b>\$1,173,000</b>	<b>\$1,196,460</b>	<b>\$1,220,389</b>	<b>\$1,244,797</b>	<b>\$1,269,693</b>		



### Capital Improvement Plan, City of Orono

Public Works - Streets CIP											Table A-5	
Project	Type	Comment(s)	5-Year CIP					Planning Period				
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>MSA Streets:</b>												
Ferndale Road North (Shared with Plymouth)	Mill & Overlay	Financed by Plymouth- Payback ov	\$71,867	\$71,867								
Brown Road North	Mill and Overlay					\$348,000						
Old Crystal Bay Road (Watertown to Fox)	Thin Overlay						\$88,000					
Future MSA road projects (per year)	Mill and Overlay	2% inflation						\$408,000	\$416,160	\$424,483	\$432,973	\$441,632
<b>Total MSA Streets:</b>			<b>\$71,867</b>	<b>\$71,867</b>	<b>\$0</b>	<b>\$348,000</b>	<b>\$88,000</b>	<b>\$408,000</b>	<b>\$416,160</b>	<b>\$424,483</b>	<b>\$432,973</b>	<b>\$441,632</b>
MSA Debt Service			\$143,111	\$139,661	\$141,061	\$141,945	\$137,468	\$137,687	\$142,625			
<b>Totals Streets</b>			<b>\$1,195,437</b>	<b>\$397,767</b>	<b>\$2,357,186</b>	<b>\$2,624,900</b>	<b>\$1,263,200</b>	<b>\$1,581,000</b>	<b>\$1,612,620</b>	<b>\$1,644,872</b>	<b>\$1,677,770</b>	<b>\$1,711,325</b>

Notes: Pavement Funding remains a concern. A couple large pavement projects are recommended in the near term.

## Capital Improvement Plan, City of Orono

<b>Public Works - Water CIP</b>						<b>Table A-6</b>				
Project	5-Year CIP					Planning Period				
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Water Sytem work with Road Projects (Valve replacements)	\$148,500		\$16,500			\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
Navarre Plant Control Upgrade		\$55,200								
Water Meter Replacement	\$90,000			\$95,000			\$170,000			
Walters Port Watermain Replacement	\$160,000									
South Tower Repaint and Rehabilitation					\$350,000					
North Water Tower deep clean/Inspection and repairs				\$75,450						
Water main Replacement CSAH 19 (CSAH 15 to Kelly)		\$270,900								
Water main Replacement CSAH 19 (Kelly to W. Lafayette)			\$238,600							
North Distribution Extension (West of OCB)								\$120,000		
Well #4 Inspection & Maintenance (every 10 yrs)					\$20,000					
North Water Plant						\$30,000				
South Water Plant Painting						\$60,000				
Navarre Plant Salt Brine Tank Rehab.									\$350,000	
Well #1 Inspection and Maintenance (every 10 yrs)						\$20,000				
Well #2 Inspection and Maintenance(every 10 yrs)							\$20,000			
Water Main Loop Concordia							\$230,000			
North Well house Upgrade (sewer)										
Well #3 Inspection & Maintenance (every 10 yrs)								\$20,000		
Water Valve Replacements (4 / Year)	\$22,000	\$22,440	\$22,889	\$23,347	\$27,833	\$28,528	\$29,242	\$29,973	\$30,722	\$30,722
Water Main Replacement/Rehab						\$250,000		\$250,000		\$250,000
<b>Totals</b>	<b>\$420,500</b>	<b>\$348,540</b>	<b>\$277,989</b>	<b>\$193,797</b>	<b>\$397,833</b>	<b>\$428,528</b>	<b>\$489,242</b>	<b>\$459,973</b>	<b>\$420,722</b>	<b>\$320,722</b>

# Capital Improvement Plan, City of Orono

<b>Public Works - Sanitary Sewer CIP</b>										<b>Table A-7</b>
Project	5-Year CIP					Planning Period				
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Sewer Rehabilitation	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000
Road Project Sanitary Adjustements	\$63,000	\$24,000	\$55,500	\$28,500	\$109,500	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Lift Station #15 Generator	\$75,000									
Lift Station #16 Rehab	\$60,000									
Lift Station #17 Rehab	\$60,000									
Lift Station #11 Rehab		\$60,000								
Lift Station #3 Rehab		\$60,000								
Lift Station #5 Rehab			\$60,000							
Lift Station #4 Rehab			\$60,000							
Lift Station #28 Rehab				\$60,000						
Grinder Station #8 Rehab				\$60,000						
Lift Station #10 Rehab					\$60,000					
Lift Station #27Rehab					\$60,000					
Lift Station Rehab (2 per year)						\$120,000	\$120,000	\$120,000	\$120,000	\$120,000
Force main Replacement Tonkawa PH2	\$225,000									
Sewer Meter installation (into Long Lake)	\$60,000									
Force Main Replacement Tonkawa PH3			\$215,250							
Force Main Replacement Tonkawa PH4				\$139,950						
Sewer Main Replacements						\$200,000		\$200,000		\$200,000
<b>Totals</b>	<b>\$833,000</b>	<b>\$434,000</b>	<b>\$680,750</b>	<b>\$578,450</b>	<b>\$519,500</b>	<b>\$660,000</b>	<b>\$460,000</b>	<b>\$660,000</b>	<b>\$460,000</b>	<b>\$660,000</b>

## Capital Improvement Plan, City of Orono

<b>Public Works - Storm Sewer CIP</b>						<b>Table A-8</b>				
Project	5-Year CIP					Planning Period				
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Casco Circle	\$49,380									
Park Lane & Elm Street	\$26,190									
Navaree West Roads (Lyric Avenue (Blaine ot Shadywood), Crystal Place, Bl	\$49,165									
Navarre East Roads (Kenwood Way, Navarre Lane, Olive Avenue, Bayview	\$39,690									
Eileen Street	\$7,725									
Municipal Parking Lot Storm Manhole Rebuilds	\$35,000									
Crystal Bay Roads (Arbor, Prospect, Crystal, Spates, Lakeview)		\$38,445								
Country Club Road and Lakeview Terrace			\$26,580							
Kelley Parkway - OCB Rd to Stone Bay			\$25,710							
Partenwood			\$18,345							
Dickenson& Russel Street			\$35,575							
Fox Street - Brown-Orono Orchard			\$150,570							
Ferndale Road West			\$48,855							
Townline Road				\$54,840						
West Lake Street				\$10,920						
Orchard Park Road				\$53,535						
North Arm Drive & Lane				\$106,050						
Old Long Lake Road				\$57,580						
Willow Drive - Fox St- Brown Road				\$46,410						
Orono Lane					\$7,215					
Park Ave, Oak Street and Linden Ave					\$8,985					

## Capital Improvement Plan, City of Orono

<b>Public Works - Storm Sewer CIP</b>						<b>Table A-8</b>				
Project	5-Year CIP					Planning Period				
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Kelly Avenue					\$76,035					
Crestview Avenue					\$8,880					
Glendale Drive					\$6,555					
Brown Road N.					\$52,200					
Dahl Rd, Spruce PL, Linden In, Forest Lake Dr and Loma Linda Ave					\$31,875					
Fairview Cottage					\$1,425					
Highwood Lane					\$12,150					
Street Stormwater Improvements (per year)						\$220,000	\$220,000	\$220,000	\$220,000	\$220,000
Casco Point Park Outlet (SWMP O-1)	\$58,000									
South Casco Point Road Sump (SWMP CB-2)	\$36,000									
Casco Point Park Bioretention Basin (SWMP CB-1)	\$55,000									
Fagerness Point Road Drainage System	\$80,000									
North Shore Drive Ravine Stabilization		\$96,000								
Casco Cove Outlet (SWMP O-2)		\$80,000								
Casco Cove Bioretention Basin (CB-3)		\$57,000								
Cherry Place Ravine Improvement (SWMP NA-1)			\$23,000							
McCulley Road Outlet (SWMP O-3)				\$58,000						
Surface Water Management Projects, Unnamed (Per Year)						\$85,000	\$85,000	\$85,000	\$85,000	\$85,000
Dredge GC Pond	\$50,000									
Pond Cleaning/Maintenance (1/3 years)				\$53,845			\$57,985			
Storm Sewer Improvements/Replacements (Per Year)	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
<b>Totals</b>	<b>\$536,150</b>	<b>\$371,445</b>	<b>\$428,635</b>	<b>\$541,180</b>	<b>\$305,320</b>	<b>\$405,000</b>	<b>\$462,985</b>	<b>\$405,000</b>	<b>\$405,000</b>	<b>\$405,000</b>

## Capital Improvement Plan, City of Orono

<b>Police CIP</b>												<b>Table A-9</b>	
Project	Purchase	Expected	5-Year CIP					Planning Period					
	Year	Life (yrs)	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
Squad 264 (Dodge Durango SUV)	2020	4				\$41,000				\$42,500			
Squad 265 (Dodge Durango SUV)	2020	4				\$41,000				\$42,500			
Squad 266 (Dodge Durango SUV)SRO/Inv	2020	4				\$41,000				\$42,500			
Squad 263(Ford SUV)	2019	4				\$41,000				\$42,500			
Squad 249 (Ford SUV)	2017	4	\$40,000				\$41,000				\$43,000		
Squad 250 (Ford SUV)	2017	4	\$40,000				\$41,000				\$43,000		
Squad 251 (Ford SUV)	2017	4	\$40,000				\$41,000				\$43,000		
Squad 253 (AWD Charger)	2018	4		\$40,000				\$42,000				\$43,500	
Squad 254 (Ford SUV)	2018	4		\$40,000				\$42,000				\$43,500	
Squad 258 (Dodge Durango)	2019	4			\$40,000				\$42,500				
Squad 259 (Dodge Durango)	2019	4			\$40,000				\$42,500				
Squad 260 (Dodge Durango)	2019	4			\$40,000				\$42,500				
Squad 261 (Dodge Durango) Chief	2019	6						\$42,000				\$43,500	
Squad 843 (Tahoe-Mound) SRO	2010	10	\$40,000										
Squad 255 (Dodge Durango) CSO	2018	4		\$40,000					\$42,500				
Squad 247 (Dodge Ram) Investigations	2016	6		\$40,000				\$42,000					
Squad 257 (Dodge Journey) Deputy Chief	2018	6			\$40,000						\$43,000		
Squad 256 (Dodge Journey) Investigations	2018	6					\$41,000						
Technology Replacement			\$11,255	\$11,593	\$11,941	\$12,299	\$12,668	\$13,048	\$13,439	\$13,842	\$14,258	\$14,685	
Weapons - Rifles				\$25,000							\$5,000	\$5,000	
Weapons - Handguns					\$20,000								
<b>Supported or Partially Funded through Police Account in the PIR Fund</b>													
Mobile Radios								\$50,000	\$50,000				
Squad/Body Video Cameras			\$200,000				\$15,000			\$15,000			
Mobile Data Computer			\$5,628	\$5,796	\$5,970	\$6,149	\$6,334	\$6,524	\$6,720	\$6,921	\$7,129	\$7,343	
<b>Totals</b>			<b>\$376,883</b>	<b>\$202,389</b>	<b>\$197,911</b>	<b>\$182,448</b>	<b>\$198,002</b>	<b>\$237,572</b>	<b>\$240,159</b>	<b>\$205,764</b>	<b>\$198,386</b>	<b>\$157,528</b>	

**NOTES:**

\*Funding for the Police CIP is accounted for in the General Fund to accurately charge our contract cities for the cost of policing.

## Capital Improvement Plan, City of Orono

<b>Park Fund</b>						Current Balance: \$277,426					<b>Table B-1</b>
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
Operation and Maintenance (1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
CIP Expenditures	\$160,000	\$145,000	\$131,702	\$320,000	\$235,000	\$80,000	\$0	\$0	\$0	\$0	
<b>Total Expenses</b>	\$160,000	\$145,000	\$131,702	\$320,000	\$235,000	\$80,000	\$0	\$0	\$0	\$0	
Revenues	\$5,756	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Revenues - Park Dedication	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	
Revenues - Tax Levy	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	
Annual Balance	(\$94,244)	(\$145,000)	(\$131,702)	(\$320,000)	(\$235,000)	(\$80,000)	\$0	\$0	\$0	\$0	
<b>Year End Cash Balance</b>	<b>\$183,182</b>	<b>\$38,182</b>	<b>(\$93,520)</b>	<b>(\$413,520)</b>	<b>(\$648,520)</b>	<b>(\$728,520)</b>	<b>(\$728,520)</b>	<b>(\$728,520)</b>	<b>(\$728,520)</b>	<b>(\$728,520)</b>	

<b>Improvement/Equipment Outlay Fund</b>						Current Balance: \$465,370					<b>Table B-2</b>
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
Equipment, CIP	\$126,184	\$328,073	\$225,000	\$450,000	\$390,500	\$185,800	\$135,500	\$140,461	\$40,000	\$402,800	
Building CIP	\$1,831,500	\$6,605,635	\$105,000	\$439,560	\$209,000	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	
IT, CIP	\$15,000	\$115,000	\$0	\$0	\$12,000	\$22,000	\$43,000	\$15,000	\$0	\$0	
Golf, CIP	\$10,000	\$20,000	\$10,000	\$10,000	\$20,000	\$110,000	\$255,890	\$524,700	\$577,000	\$290,000	
<b>Total Expenses</b>	<b>\$1,982,684</b>	<b>\$7,068,708</b>	<b>\$340,000</b>	<b>\$899,560</b>	<b>\$631,500</b>	<b>\$477,800</b>	<b>\$594,390</b>	<b>\$840,161</b>	<b>\$777,000</b>	<b>\$852,800</b>	
Revenues (Transfer)	\$255,000	\$315,000	\$315,000	\$315,000	\$315,000	\$315,000	\$315,000	\$315,000	\$315,000	\$315,000	
Transfer from Enterprise Funds	\$48,500	\$63,000	\$37,000	\$450,000	\$300,000	\$145,500	\$37,000	\$0	\$0	\$0	
Annual Balance	(\$1,679,184)	(\$6,690,708)	\$12,000	(\$134,560)	(\$16,500)	(\$17,300)	(\$242,390)	(\$525,161)	(\$462,000)	(\$537,800)	
<b>Year End Cash Balance</b>	<b>(\$1,213,814)</b>	<b>(\$7,904,522)</b>	<b>(\$7,892,522)</b>	<b>(\$8,027,082)</b>	<b>(\$8,043,582)</b>	<b>(\$8,060,882)</b>	<b>(\$8,303,272)</b>	<b>(\$8,828,433)</b>	<b>(\$9,290,433)</b>	<b>(\$9,828,233)</b>	

<b>Improvement/Equipment Outlay Fund - Long Lake Fire Account</b>						Current Balance: \$150,633					<b>Table B-3</b>
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
Long Lake Fire CIP	\$110,500	\$51,000	\$0	\$0	\$119,000	\$51,000	\$55,250	\$488,750	\$0	\$76,500	
<b>Total Expenses</b>	<b>\$110,500</b>	<b>\$51,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$119,000</b>	<b>\$51,000</b>	<b>\$55,250</b>	<b>\$488,750</b>	<b>\$0</b>	<b>\$76,500</b>	
Revenue - General Fund Transfer (2)	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	
Revenues - Interest (2)	\$5,000	\$1,301	\$1,654	\$2,521	\$3,396	\$3,090	\$3,461	\$3,793	\$0	\$643	
Annual Balance	(\$20,500)	\$35,301	\$86,654	\$87,521	(\$30,604)	\$37,090	\$33,211	(\$399,957)	\$85,000	\$9,143	
<b>Year End Cash Balance</b>	<b>\$130,133</b>	<b>\$165,434</b>	<b>\$252,089</b>	<b>\$339,610</b>	<b>\$309,006</b>	<b>\$346,096</b>	<b>\$379,307</b>	<b>(\$20,650)</b>	<b>\$64,350</b>	<b>\$73,493</b>	

<b>Community Investment Fund</b>						Current Balance: \$671,684					<b>Table B-4</b>
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
Annual Expenditures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Community Improvement CIP	\$50,000	\$568,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Debt Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>Total Expenses</b>	<b>\$50,000</b>	<b>\$568,970</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
Revenues (interest)	\$5,000	\$5,000	\$5,000	\$677	\$684	\$691	\$698	\$705	\$712	\$719	
<b>Year End Cash Balance</b>	<b>\$626,684</b>	<b>\$62,714</b>	<b>\$67,714</b>	<b>\$68,391</b>	<b>\$69,075</b>	<b>\$69,766</b>	<b>\$70,463</b>	<b>\$71,168</b>	<b>\$71,880</b>	<b>\$72,598</b>	

## Capital Improvement Plan, City of Orono

<b>MSA Fund</b>		Current Fund Balance: \$0				State MSA Construction Balance = \$550,000				<b>Table B-5a</b>
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Annual Expenditures (MSA CIP)	\$71,867	\$71,867	\$0	\$348,000	\$88,000	\$408,000	\$416,160	\$424,483	\$432,973	\$441,632
Annual MSA Maintenance Payment to the City	\$39,438	\$39,438	\$39,438	\$39,438	\$39,438	\$39,438	\$39,438	\$39,438	\$39,438	\$39,438
Debt Service (interest) - from MSA maintenance account.	\$24,663	\$21,063	\$17,000	\$12,469	\$7,688	\$2,625	\$0	\$0	\$0	\$0
Debt Service (Principal) - from MSA Construction Account	\$115,000	\$120,000	\$125,000	\$125,000	\$130,000	\$140,000	\$0	\$0	\$0	\$0
<b>Total Expenses</b>	<b>\$250,968</b>	<b>\$252,368</b>	<b>\$181,438</b>	<b>\$524,907</b>	<b>\$265,126</b>	<b>\$590,063</b>	<b>\$455,598</b>	<b>\$463,921</b>	<b>\$472,411</b>	<b>\$481,070</b>
Yearly Allocation - MSA Maintenance	\$123,833	\$123,833	\$123,833	\$123,833	\$123,833	\$123,833	\$123,833	\$123,833	\$123,833	\$123,833
Yearly Allocation - MSA Construction	\$201,751	\$201,751	\$201,751	\$201,751	\$201,751	\$201,751	\$201,751	\$201,751	\$201,751	\$201,751
Annual Balance	\$74,617	\$73,217	\$144,146	(\$199,323)	\$60,459	(\$264,479)	(\$130,014)	(\$138,337)	(\$146,827)	(\$155,486)
<b>Year End Cash Balance</b>	<b>\$74,617</b>	<b>\$147,833</b>	<b>\$291,979</b>	<b>\$92,656</b>	<b>\$153,115</b>	<b style="color: red;">(\$111,364)</b>	<b style="color: red;">(\$241,378)</b>	<b style="color: red;">(\$379,715)</b>	<b style="color: red;">(\$526,542)</b>	<b style="color: red;">(\$682,029)</b>

<b>Pavement Management Fund</b>		Current Balance: \$0								<b>Table B-5b</b>
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Annual Operation and Maintenance (1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CIP Expenditures	\$1,123,570	\$325,900	\$2,357,186	\$2,276,900	\$1,175,200	\$1,173,000	\$1,196,460	\$1,220,389	\$1,244,797	\$1,269,693
<b>Total Expenses</b>	<b>\$1,123,570</b>	<b>\$325,900</b>	<b>\$2,357,186</b>	<b>\$2,276,900</b>	<b>\$1,175,200</b>	<b>\$1,173,000</b>	<b>\$1,196,460</b>	<b>\$1,220,389</b>	<b>\$1,244,797</b>	<b>\$1,269,693</b>
Revenues (1)	\$0	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
Pavement Management Levy	\$750,000	\$850,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000
Annual Balance	(\$373,570)	\$524,100	(\$1,157,186)	(\$1,076,900)	\$24,800	\$27,000	\$3,540	(\$20,389)	(\$44,797)	(\$69,693)
<b>Year End Cash Balance</b>	<b style="color: red;">(\$373,570)</b>	<b>\$150,530</b>	<b style="color: red;">(\$1,006,656)</b>	<b style="color: red;">(\$2,083,556)</b>	<b style="color: red;">(\$2,058,756)</b>	<b style="color: red;">(\$2,031,756)</b>	<b style="color: red;">(\$2,028,216)</b>	<b style="color: red;">(\$2,048,605)</b>	<b style="color: red;">(\$2,093,402)</b>	<b style="color: red;">(\$2,163,095)</b>

<b>Water Fund</b>		Current Balance: \$267,887								<b>Table B-6</b>
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Annual Operation and Maintenance (3)	\$969,400	\$999,166	\$1,039,051	\$1,072,440	\$1,098,966	\$1,122,995	\$1,151,070	\$1,179,847	\$1,209,343	\$1,239,576
Debt Service	\$157,180	\$156,830	\$100,430	\$98,570	\$101,550	\$99,350	\$101,920	\$99,310	\$101,500	\$0
CIP Expenditures	\$420,500	\$348,540	\$277,989	\$193,797	\$397,833	\$428,528	\$489,242	\$459,973	\$420,722	\$320,722
Transfer to Equipment Fund	\$0	\$0	\$37,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Expenses</b>	<b>\$1,547,080</b>	<b>\$1,504,536</b>	<b>\$1,454,470</b>	<b>\$1,364,807</b>	<b>\$1,598,349</b>	<b>\$1,650,873</b>	<b>\$1,742,231</b>	<b>\$1,739,129</b>	<b>\$1,731,565</b>	<b>\$1,560,298</b>
Revenues (4)	\$1,192,528	\$1,220,344	\$1,248,994	\$1,278,504	\$1,308,899	\$1,340,206	\$1,367,010	\$1,394,350	\$1,422,237	\$1,450,682
Add back Depreciation	\$231,400	\$245,889	\$269,805	\$287,271	\$297,544	\$304,983	\$312,607	\$320,422	\$328,433	\$336,644
Assessments	\$10,387	\$10,387	\$10,387	\$10,387	\$10,387	\$10,387	\$0	\$0	\$0	\$0
Annual Balance	(\$112,765)	(\$27,916)	\$74,716	\$211,355	\$18,481	\$4,702	(\$62,614)	(\$24,357)	\$19,105	\$227,027
<b>Year End Cash Balance</b>	<b>\$155,122</b>	<b>\$127,206</b>	<b>\$201,922</b>	<b>\$413,277</b>	<b>\$431,758</b>	<b>\$436,460</b>	<b>\$373,846</b>	<b>\$349,489</b>	<b>\$368,595</b>	<b>\$595,622</b>



## Capital Improvement Plan, City of Orono

<b>Sewer Fund</b>						<b>Table B-7</b>				
Current Balance: \$2,019,555										
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Operation and Maintenance (3)	\$1,899,700	\$1,951,225	\$1,997,201	\$2,040,509	\$2,084,255	\$2,129,251	\$2,182,482	\$2,237,044	\$2,292,971	\$2,350,295
Debt Service	\$110,000	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CIP Expenditures	\$833,000	\$434,000	\$680,750	\$578,450	\$519,500	\$660,000	\$460,000	\$660,000	\$460,000	\$660,000
Transfer to Equipment Fund for Sewer Equip	\$0	\$63,000	\$0	\$450,000	\$300,000	\$0	\$0	\$0	\$0	\$0
<b>Total Expenses</b>	<b>\$2,842,700</b>	<b>\$2,558,225</b>	<b>\$2,677,951</b>	<b>\$3,068,959</b>	<b>\$2,903,755</b>	<b>\$2,789,251</b>	<b>\$2,642,482</b>	<b>\$2,897,044</b>	<b>\$2,752,971</b>	<b>\$3,010,295</b>
Revenues (4)	\$2,133,592	\$2,195,950	\$2,260,178	\$2,326,333	\$2,394,473	\$2,464,658	\$2,526,274	\$2,589,431	\$2,654,167	\$2,720,521
Add back Depreciation	\$377,100	\$397,107	\$410,136	\$420,592	\$430,805	\$441,575	\$452,615	\$463,930	\$475,528	\$487,416
Assessments	\$30,368	\$26,934	\$24,902	\$17,569	\$17,569	\$17,569	\$2,000	\$0	\$0	\$0
<b>Annual Balance</b>	<b>(\$301,640)</b>	<b>\$61,766</b>	<b>\$17,265</b>	<b>(\$304,465)</b>	<b>(\$60,907)</b>	<b>\$134,551</b>	<b>\$338,406</b>	<b>\$156,316</b>	<b>\$376,724</b>	<b>\$197,642</b>
<b>Year End Cash Balance</b>	<b>\$1,717,915</b>	<b>\$1,779,681</b>	<b>\$1,796,946</b>	<b>\$1,492,481</b>	<b>\$1,431,574</b>	<b>\$1,566,125</b>	<b>\$1,904,531</b>	<b>\$2,060,847</b>	<b>\$2,437,572</b>	<b>\$2,635,214</b>

<b>Storm Water Fund</b>						<b>Table B-8</b>				
Current Balance: \$1,433,719										
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Operation and Maintenance (3)	\$403,200	\$416,701	\$432,151	\$445,571	\$461,210	\$471,191	\$482,971	\$495,045	\$507,421	\$520,107
CIP Expenditures	\$536,150	\$371,445	\$428,635	\$541,180	\$305,320	\$405,000	\$462,985	\$405,000	\$405,000	\$405,000
Transfer to Equipment Fund for Storm Equip	\$48,500	\$0	\$0	\$0	\$0	\$145,500	\$37,000	\$0	\$0	\$0
<b>Total Expenses</b>	<b>\$987,850</b>	<b>\$788,146</b>	<b>\$860,786</b>	<b>\$986,750</b>	<b>\$766,530</b>	<b>\$1,021,691</b>	<b>\$982,955</b>	<b>\$900,045</b>	<b>\$912,421</b>	<b>\$925,107</b>
Revenues (4)	\$698,567	\$705,402	\$712,306	\$719,279	\$726,322	\$733,435	\$751,771	\$770,566	\$789,830	\$809,575
Add back depreciation	\$71,500	\$78,135	\$86,407	\$92,670	\$101,004	\$103,529	\$106,117	\$108,770	\$111,490	\$114,277
<b>Annual Balance</b>	<b>(\$217,783)</b>	<b>(\$4,609)</b>	<b>(\$62,072)</b>	<b>(\$174,801)</b>	<b>\$60,796</b>	<b>(\$184,726)</b>	<b>(\$125,067)</b>	<b>(\$20,709)</b>	<b>(\$11,102)</b>	<b>(\$1,254)</b>
<b>Year End Cash Balance</b>	<b>\$1,215,936</b>	<b>\$1,211,327</b>	<b>\$1,149,254</b>	<b>\$974,453</b>	<b>\$1,035,250</b>	<b>\$850,523</b>	<b>\$725,457</b>	<b>\$704,747</b>	<b>\$693,645</b>	<b>\$692,391</b>

<b>Permanent Improvement Revolving (PIR) Fund</b>						<b>Table B-9</b>				
Current Balance: \$891,000						Amount Available for Police Purchases = \$267,300				
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Police Expenses	\$205,628	\$5,796	\$5,970	\$6,149	\$21,334	\$56,524	\$56,720	\$21,921	\$7,129	\$7,343
<b>Total Expenses</b>	<b>\$205,628</b>	<b>\$5,796</b>	<b>\$5,970</b>	<b>\$6,149</b>	<b>\$21,334</b>	<b>\$56,524</b>	<b>\$56,720</b>	<b>\$21,921</b>	<b>\$7,129</b>	<b>\$7,343</b>
Revenues	\$12,296	\$6,977	\$6,988	\$6,999	\$7,007	\$6,864	\$6,367	\$5,864	\$5,703	\$5,689
<b>Annual Balance</b>	<b>(\$193,332)</b>	<b>\$1,180</b>	<b>\$1,018</b>	<b>\$849</b>	<b>(\$14,327)</b>	<b>(\$49,660)</b>	<b>(\$50,352)</b>	<b>(\$16,057)</b>	<b>(\$1,426)</b>	<b>(\$1,654)</b>
<b>Year End Cash Balance</b>	<b>\$697,668</b>	<b>\$698,849</b>	<b>\$699,867</b>	<b>\$700,716</b>	<b>\$686,390</b>	<b>\$636,730</b>	<b>\$586,377</b>	<b>\$570,320</b>	<b>\$568,894</b>	<b>\$567,241</b>

- NOTES:
- (1) Expenses and Revenues are based on the City's 2021 budget. For Planning purposes a 2.5% annual inflation factor has been used to project future costs.
  - (2) Revenues are based on a 1.5% increased contribution starting in 2019 and adding a 1% interest earned on the previous year's balance.
  - (3) Expenses are based on utility rate study conducted in 2020 for future years 2021-2026. For Planning purposes, 2027 and after have a 2.5% annual inflation factor to project future costs.
  - (4) Revenues are based on the utility rate study conducted in 2020 for future years 2021-2026, plus estimated investment interest. For Planning purposes, 2027 and after have a 2.5% annual inflation factor to project future costs.