

## Capital Improvement Plan, City of Orono

<b>Summary of Costs</b>										
	<b>5-Year CIP</b>					<b>Planning Period</b>				
<b>CIP</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>
Parks (A-1)	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0
Equipment (A-2a)	\$176,184	\$326,000	\$565,500	\$188,000	\$340,500	\$217,000	\$124,000	\$140,461	\$40,000	\$419,600
Building (A-2b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
IT (A-2c)	\$15,000	\$65,800	\$115,600	\$56,900	\$16,200	\$58,000	\$16,800	\$34,100	\$42,400	\$35,200
Long Lake Fire (A-3)	\$51,000	\$0	\$0	\$119,000	\$51,000	\$55,250	\$488,750	\$0	\$76,500	\$0
Community Investment (A-4)	\$693,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Public Works - Streets - PMF & MSA (A-5)	\$0	\$0	\$0	\$0	\$408,000	\$416,160	\$424,483	\$432,973	\$441,632	\$0
Public Works - Water (A-6)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Public Works - Sanitary Sewer (A-7)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Public Works - Storm Sewer (A-8)	\$501,150	\$459,335	\$303,000	\$477,075	\$398,475	\$316,430	\$442,985	\$385,000	\$365,000	\$365,000
Police (A-9)	\$206,389	\$201,911	\$302,448	\$157,002	\$237,572	\$240,159	\$163,264	\$198,386	\$157,528	\$203,689
<b>Totals</b>	<b>\$1,643,693</b>	<b>\$1,063,046</b>	<b>\$1,286,548</b>	<b>\$997,976</b>	<b>\$1,451,747</b>	<b>\$1,302,999</b>	<b>\$1,670,281</b>	<b>\$1,190,920</b>	<b>\$1,123,060</b>	<b>\$1,023,489</b>

## Capital Improvement Plan, City of Orono

Parks CIP	Table A-1											
	Current Year	5-Year CIP					Planning Period					
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Justification
Trail Construction along CSAH 19 (Livingston to Dakota)	\$ 120,000											CMP Trail Priority 2
Lurton gravel trails	\$ 20,000					\$ 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								CMP Trail priority 5
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							Replacement Cycle
GC Wetland and Fairway #4 Improvements										\$ 160,000		
Playground Equipment Replacement (Antoine)					\$ 65,000							Replacement Cycle
GC Outdoor Gas Fire Pit Area / Winter Activites site			\$ 26,885									CMP GC Priority 4
Picnic Shelter			\$ 50,000									
GC Parking Lot			\$ 50,000									
<del>GC Lawn Bowling</del>												CMP GC Priority 5
Trail Access to Lowry Woods						\$ 100,000						CMP Trail Priority 7
GC Tow Rope							\$ 102,000					CMP GC Priority 6
<del>Trail Construction along Hunter or Ferndale Roads connection Luce line to northern boundary</del>												CMP Trail priority 6
Crystal Bay Park Sport fields				\$ 100,000								
Crystal Bay Park Improvements (Scope TBD)								\$ 300,000				
GC Perimeter Trail											\$ 214,700	CMP GC Priority 7
Trail Construction along OCB and North Shore (Luce Line to Dakota)									\$ 567,000			CMP trail priority 3
Trail Construction along CSAH 19 south from the Dakota Trail										\$ 200,000		CMP trail priority 8
Playground Equipment Replacement (Navarre, Hackberry, Bederwood, Crystal Bay, Fagerness)										\$ 70,000		Replacement Cycle
Lake Access dock Replacements (15 year replacement schedule)					\$ 10,000					\$ 10,000		
Lake Access Refresh (Gravel, Signage, Fencing and gates)		\$ 10,000					\$ 10,000					
GC Drainaing Improvement		\$ 10,000										
Golf Course Micellaneous Improvemets			\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	
Lights Casco Park Rink	\$ 20,000											
<b>Total Parks</b>	<b>\$ 180,000.00</b>	<b>\$ 75,000.00</b>	<b>\$ 131,702.00</b>	<b>\$ 480,000.00</b>	<b>\$ 85,000.00</b>	<b>\$ 140,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 300,000.00</b>	<b>\$ 567,000.00</b>	<b>\$ 280,000.00</b>	<b>\$ -</b>	
<b>Total GC</b>	<b>\$ -</b>	<b>\$ 10,000.00</b>	<b>\$ 136,885.00</b>	<b>\$ 10,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 112,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 170,000.00</b>	<b>\$ 224,700.00</b>	
<b>Total</b>	<b>\$ 180,000.00</b>	<b>\$ 85,000.00</b>	<b>\$ 268,587.00</b>	<b>\$ 490,000.00</b>	<b>\$ 95,000.00</b>	<b>\$ 150,000.00</b>	<b>\$ 122,000.00</b>	<b>\$ 310,000.00</b>	<b>\$ 577,000.00</b>	<b>\$ 450,000.00</b>	<b>\$ 224,700.00</b>	

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Equipment CIP					Table A-2a												
Fund Source	Bumper #	Manufacturer	Model	Equipment Description	Current Year	5 Year CIP					Planning Period					Comments 2021	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031		
Storm	452	Bobcat	5250	Skid loader	\$48,500												
Streets	482	Towmaster		Trailer	\$11,000												
Parks	604	Multi pro	1750	Tool Cat	\$66,684												
Streets	407	Ford		3/4 Ton	\$50,000												Purchased to support SP Contract
Golf Course	603	John Deere	2653	Tee Mower		\$38,000											
Streets	431	Ford	F550	Truck, 1 Ton Dump Truck w/Plow and Sander		\$148,000											
Sewer	712	Ford	F350	Utility Service Truck with hoist		\$90,000											
Water	714	Eros	Gold	GPS Antena Unit		\$10,000											
Streets	422	Ford	F250	Truck, 3/4 Ton Pickup w/Plow		\$40,000											
Water	710	Ford	F250	Chevy 3/4 Ton Pickup w/Plow			\$50,000										
Parks	601	John Deere	1600	Rough Mower			\$65,500										Moved fwd due to existing equipment maintenance issues.
Sewer	713	Sterling	Vactor 2010	Vactor Truck			\$450,000										
Streets	432	Sterling		Hot Patch Truck				\$188,000									
Streets	471	Vermeer	BC1400XL	Chipper					\$40,500								
Sewer	711	Myers		Jet Rodder-Tank pump and hose unit					\$300,000								
Parks	605	Toro	Greensmaste	Greens Mower						\$9,700							Moved back pending further needs analysis
Streets	483	Reddi haul		Trailer						\$21,500							
Planning	211	Ford	F150	Building Inspection Vehicle						\$40,300							
Storm	430	John Deere	410G	Tractor Loader Backhoe						\$145,500							
Streets	491			Crack Sealing Equipment							\$65,000						
Streets	481	Towmaster		Trailer							\$9,000						
Parks	618			Greens / Turf Roller							\$13,000						
Storm	709	Ford	F250	Ford 3/4 Ton Pickup							\$37,000						
Streets	451	Bobcat	5570	Skid loader								\$70,000					
Admin	110	Ford	Explorer	Admin vehicle								\$50,000					
Parks	615	Hustler	x-One Zero	Mower (Big island)								\$8,961					
Streets	451A	Bobcat	SB240	Snow blower								\$11,500					
Streets	490	Ingersoll Rand		Air Compressor									\$40,000				
Streets	470	Ingersoll Rand	DD-23	Roller										\$40,000			
Streets	424	Western Star	4700	Dump Truck w/ Plow and Sander										\$260,000			
Streets	428	Ford	F550	Truck, 1 Ton Dump Truck w/Plow and Sander										\$102,800			
Parks	619			Top Dresser										\$16,800			Moved back pending further needs analysis
				<b>Enterprise Fund Total</b>	\$ 48,500	\$ 100,000	\$ 500,000	\$ -	\$ 300,000	\$ 145,500	\$ 37,000	\$ -	\$ -	\$ -	\$ -	\$ -	
				Water	\$ -	\$ 10,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
				Sewer	\$ -	\$ 90,000	\$ 450,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
				Storm	\$ 48,500	\$ -	\$ -	\$ -	\$ -	\$ 145,500	\$ 37,000	\$ -	\$ -	\$ -	\$ -	\$ -	
				<b>General Fund Total</b>	\$ 127,684	\$ 226,000	\$ 65,500	\$ 188,000	\$ 40,500	\$ 71,500	\$ 87,000	\$ 140,461	\$ 40,000	\$ 419,600	\$ -		

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Equipment CIP				Table A-2a											
				Parks	\$ 66,684	\$ -	\$ 65,500	\$ -	\$ -	\$ 9,700	\$ 13,000	\$ 8,961	\$ -	\$ 16,800	\$ -
				Golf Course	\$ -	\$ 38,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				Admin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -
				Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,300	\$ -	\$ -	\$ -	\$ -	\$ -
				Streets	\$ 61,000	\$ 188,000	\$ -	\$ 188,000	\$ 40,500	\$ 21,500	\$ 74,000	\$ 81,500	\$ 40,000	\$ 402,800	\$ -
				<b>Totals</b>	<b>\$ 176,184</b>	<b>\$ 326,000</b>	<b>\$ 565,500</b>	<b>\$ 188,000</b>	<b>\$ 340,500</b>	<b>\$ 217,000</b>	<b>\$ 124,000</b>	<b>\$ 140,461</b>	<b>\$ 40,000</b>	<b>\$ 419,600</b>	<b>\$ -</b>

2,537,245

## Capital Improvement Plan, City of Orono

<b>Building CIP</b>												<b>Table A-2b</b>
		Current Year	5-Year CIP					Planning Period				
		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Project	Comments											
City Hall Carpet	Moved to 2023 ar counil direction WS 14 SEP20			\$20,000								
City Hall and PW Interior Painting	Moved to 2023 ar counil direction WS 14 SEP21			\$15,000								
City Hall, PD and PW Security Upgrades	Keyless entry for all doors	\$17,000										
City Hall Parking Lot chip Seal (7years)			\$35,000									
Public Works Roof Replacement	Estimate from Mint- moved to 2023 pending new PW facility decisions			\$665,760								
PW Air Handling System Refurbish	Replace Air Handling/ exhaust removal system			\$75,000								
New Public Works Facility	2021- land purchase, utilities & design 2022-Site and building construction	\$750,000	\$13,000,000									
Fire Station Purchase	Placeholder #- buy out LL prtion of existing or buy new.				\$3,000,000							
Public Works Parking Lot Repave	Combine with Kelley Prky				\$119,560							
City Hall Roof Replacement	Estimate from Mint				\$320,000							
Police Department Roof Replacement	Estimate from Mint					\$209,000						
Future Facilities Improvements	Based on average annual costs less PW roof						\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000
<b>Totals</b>		<b>\$767,000</b>	<b>\$13,035,000</b>	<b>\$775,760</b>	<b>\$3,439,560</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>	<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>										
	Current Year	5-Year CIP					Planning Period				
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Wireless Access Points - City Hall & PW (2 every 2 yrs)	\$15,000		\$15,500		\$16,000		\$16,500		\$17,000		\$17,500
File Servers X 2 (5 Years)					\$25,000					\$25,000	
Switch (Every 6 Years - 6 Switches)		\$15,000	\$15,300	\$15,600	\$15,900	\$16,200	\$16,500	\$16,800	\$17,100	\$17,400	\$17,700
Phone Replacement (10 Years)				\$100,000							
Web Site Upgrade							\$25,000				
Council Chamber AV			\$ 35,000								
<b>Totals</b>	<b>\$15,000</b>	<b>\$15,000</b>	<b>\$65,800</b>	<b>\$115,600</b>	<b>\$56,900</b>	<b>\$16,200</b>	<b>\$58,000</b>	<b>\$16,800</b>	<b>\$34,100</b>	<b>\$42,400</b>	<b>\$35,200</b>

## Capital Improvement Plan, City of Orono

Long Lake Fire CIP										Table A-3				
Project	Purchase	Expected	Current Year	5-Year CIP					Planning Period					
	Year	Life (yrs)	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Replace U11 with New Utility Vehicle	1999	10	\$130,000											
Replace CMD2 with New CMD1	2011	10		\$60,000										
Replace Old U11 with New Grass/Medical Truck for Station 2	2000	20					\$140,000							
Replace CMD2/DO with new CMD1 vehicle	2013	15							\$65,000					
Replace U21 with New Utility Vehicle		10												
Refurbishment of B11 & Trailer with New Fire boat & Trailer		15										\$90,000		
Replace E21 with New Rescue Pumper	2003	15								\$575,000				
SCBA Replacement		10	\$212,550											
<b>Totals:</b>			<b>\$353,550</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>	<b>\$0</b>	
<i>City of Orono's Portion (85%)</i>			<b>\$300,518</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>	<b>\$0</b>	
<b>Totals</b>			<b>\$300,518</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>	<b>\$0</b>	

## Capital Improvement Plan, City of Orono

<b>Community Investment CIP</b>							<b>Table A-4</b>				
	Current Year	5-Year CIP					Planning Period				
Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Park and Ride Overlay and Restriping	50000	\$125,000									
County Road 112 Turn Back (Lighting/Sidewalks) *		\$568,970									
<b>Totals</b>	<b>\$0</b>	<b>\$693,970</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>	<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)	Current Year	5-Year CIP					Planning Period				
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
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 pl	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	Relcaim			\$85,700									
Dickenson	Reclaim			\$165,600									
West Lake Street	Reclaim			\$37,600									
Orono Lane	Mill & Overlay			\$48,100									
Park Ave, Oak Street and Linden Ave	Mill & Overlay			\$59,900									
Crystal Bay Roads (Arbor, Prospect, Crystal, Spates, Lakeview)	Mill & Overlay			\$224,900									
High Lane	Mill & Overlay			\$15,500									
Chippewa Lane	Mill & Overlay			\$65,500									
Fairview Cottage	Mill & Overlay			\$9,500									
Highwood Lane	Mill & Overlay			\$81,000									
Dakota Ave	Mill & Overlay			\$44,300									
Fox Street - Brown-Orono Orchard	Reconstruct	Permanent Weight restriction until fixed			\$1,040,200								
Townline Road	Reconstruct	Shared with Independence and Medina.			\$196,200								
Partenwood	Mill & Overlay					\$122,300							
North Arm Drive & Lane	Reclaim					\$722,200							
Willow Drive - Fox St- Brown Road	Mill & Overlay					\$575,700							
Spring Hill Road	Mill & Overlay						\$ 490,200						
Kelly Avenue	Reclaim						\$506,900						
Crestview Avenue	Mill & Overlay						\$59,200						
Glendale Drive	Mill & Overlay						\$43,700						
Old Long Lake Road	Mill & Overlay							\$385,200					
Ferndale Road West	Reclaim							\$325,700					
Orchard Park Road	Reclaim							\$356,900					
Preventive Maintenance			\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Future road reconstructions/ M&O and Reclaims (per Year)		2% inflation							\$1,196,460	\$1,220,389	\$1,244,797	\$1,269,693	\$1,294,589
<b>Total - Pavement Management Fund</b>			<b>\$1,123,570</b>	<b>\$1,114,800</b>	<b>\$1,336,400</b>	<b>\$1,520,200</b>	<b>\$1,200,000</b>	<b>\$1,167,800</b>	<b>\$1,296,460</b>	<b>\$1,320,389</b>	<b>\$1,344,797</b>	<b>\$1,369,693</b>	<b>\$1,394,589</b>

## Capital Improvement Plan, City of Orono

### Public Works - Streets CIP Table A-5

Project	Type	Comment(s)	Current Year	5-Year CIP					Planning Period				
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
<b>MSA Streets:</b>													
Ferndale Road North (Shared with Plymouth)	Mill & Overlay	Financed by Plymouth- Payback over 3 years	\$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>\$1,186,667</b>	<b>\$1,336,400</b>	<b>\$1,868,200</b>	<b>\$1,288,000</b>	<b>\$1,575,800</b>	<b>\$1,712,620</b>	<b>\$1,744,872</b>	<b>\$1,777,770</b>	<b>\$1,811,325</b>	

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

Stromwater with Streets	\$ 172,150	\$ 208,335	\$ 180,000	\$ 265,230	\$ 161,475	\$ 131,430	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000
Water with Streets	\$ 148,500	\$ 16,500	\$ -	\$ 5,500	\$ -	\$ 27,500	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Sanitary with Streets	\$ 63,000	\$ 76,500	\$ -	\$ 39,000	\$ 16,500	\$ 21,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000
	<b>\$ 1,507,220</b>	<b>\$ 1,416,135</b>	<b>\$ 1,516,400</b>	<b>\$ 1,829,930</b>	<b>\$ 1,377,975</b>	<b>\$ 1,347,730</b>	<b>\$ 1,552,460</b>	<b>\$ 1,576,389</b>	<b>\$ 1,600,797</b>	<b>\$ 1,625,693</b>	<b>\$ 1,650,589</b>	<b>\$ 1,650,589</b>

## Capital Improvement Plan, City of Orono

Public Works - Water CIP												Table A-6	
Project	Dep. Life	5-Year CIP						Planning Period					Comments 2021
		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Water Sytem work with Road Projects (Valve replacements)	75	\$148,500	\$16,500	\$ -	\$5,500	\$0	\$27,500	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	updated based on current streets CIP
Water Meter Replacement	20	\$90,000			\$95,000			\$170,000					
Walters Port Watermain Replacement		\$160,000											
Navarre Plant Control Upgrade	20		\$190,000										updated Quote from quality flow
Water main Replacement CSAH 19 (CSAH 15 to Kelly)			\$270,900										Use ARP funds
Water main Replacement CSAH 19 (Kelly to W. Lafayette)			\$238,600										Move to 2022 and use ARP funds
South Water plan Softner Valve Replacement	??		\$60,000										
North Waterplant Switch Gear Upgrade	20			\$100,000									
Wellhead Protection plan Updates	10			\$20,000									Current plan ends in 2022
North Water Tower deep clean/Inspection and repairs					\$75,450								
South Tower Repaint and Rehabilitation	20					\$350,000							
Well #4 Inspection & Maintenance (every 10 yrs)	20					\$20,000							
North Water Plant Painting	7						\$30,000						
South Water Plant Painting	7						\$60,000						
Well #1 Inspection and Maintenance (every 10 yrs)	10						\$20,000						
Well #2 Inspection and Maintenance(every 10 yrs)	10							\$20,000					
Water Main Loop Concordia	75							\$230,000					
Water Supply Plan Update	10								\$20,000				DNR requirement
North Well house Upgrade (sewer)									\$10,000				
Well #3 Inspection & Maintenance (every 10 yrs)	10								\$20,000				
<b>Totals</b>		<b>\$420,500</b>	<b>\$798,440</b>	<b>\$142,889</b>	<b>\$399,297</b>	<b>\$397,833</b>	<b>\$366,028</b>	<b>\$489,242</b>	<b>\$319,973</b>	<b>\$420,722</b>	<b>\$270,722</b>	<b>\$40,000</b>	

ARP \$509,500  
 Less ARP items \$288,940

# Capital Improvement Plan, City of Orono

## Public Works - Sanitary Sewer CIP

**Table A-7**

Project	Dep. Life	Current Year	5-Year CIP					Planning Period					2021 Comments
		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Sewer Rehabilitation	60	\$290,000	\$150,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	
Road Project Sanitary Adjustements	75	\$63,000	\$76,500	\$0	\$39,000	\$16,500	\$21,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	updated beased on current streets CIP
Lift Station #15 Generator	15	\$75,000											Supports 161 parcels
Lift Station #16 Rehab	20	\$60,000											Last rehab/ installation 2002
Lift Station #17 Rehab	20	\$60,000											Last rehab/ installation 2003
Force main Replacement Tonkawa PH2	75	\$225,000											1500 ft Park to Phase1a t \$150/ft
Lift Station #11 Rehab	20		\$60,000										Last rehab/ installation 1991
Lift Station #3 Rehab	20		\$60,000										Last rehab/ installation 1997
Grinderstations 3,4,5 Rehabs	20		\$35,000										
Lift Station #19 Backup Generator	20		\$25,000										added generator
Sewer Meter installation (into Long Lake)	20		\$60,000										
Force Main Replacement Tonkawa PH3	75		\$215,250										Move to 2022 and use ARP funds
Force Main Replacement Tonkawa PH4	75		\$139,950										Move to 2022 and use ARP funds
Lift Station #11 Backup Generator	20			\$25,000									added generator
Lift Station #5 Rehab	20			\$60,000									Last rehab/ installation 1997
Lift Station #10 Rehab	20			\$60,000									Last rehab/ installation 1999
Lift Station #28 Rehab	20				\$60,000								Last rehab/ installation 1996, ( just panel - pumps in 2017
Grinder Station #8 Rehab	20					\$60,000							Last rehab/ installation 1997
Lift Station #27Rehab	20					\$60,000							Last Rehab 2004
<b>Totals</b>		<b>\$773,000</b>	<b>\$821,700</b>	<b>\$435,000</b>	<b>\$449,000</b>	<b>\$426,500</b>	<b>\$631,000</b>	<b>\$446,000</b>	<b>\$448,400</b>	<b>\$450,848</b>	<b>\$657,344</b>	<b>\$455,890</b>	

ARP \$355,200  
\$466,500

## Capital Improvement Plan, City of Orono

Public Works - Storm Sewer CIP												Table A-8	
Project	Dep. Life	Current Year	5-Year CIP					Planning Period					Comments 2021
		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Road Project Stormwater Improvements	75	\$172,150	\$208,335	\$180,000	\$265,230	\$161,475	\$131,430	\$180,000	\$180,000	\$180,000	\$180,000	\$180,000	Updted based on current Streets CIP
Casco Point Park Outlet (SWMP O-1)	50	\$58,000											
South Casco Point Road Sump (SWMP CB-2)	50	\$36,000											
Casco Point Park Bioretention Basin (SWMP CB-1)	50	\$55,000											
Fagerness Point Road Drainage System	50	\$80,000											
Dredge GC Pond	50	\$50,000											
Municipal Parking Lot Storm Manhole Rebuilds			\$35,000										Moved to 2022 due toe P&Z Community Study
North Shore Drive Ravine Stabilization	50		\$96,000										
Stormwater Polution Prevention Plan Update (MS4 permit)	5		\$20,000					\$20,000					
Cherry Place Ravine Improvement (SWMP NA-1)	50			\$23,000									
McCulley Road Outlet (SWMP O-3)	50				\$58,000								
Casco Cove Outlet (SWMP O-2)	50					\$80,000							Moved to 2025 to balance expenditures.
Casco Cove Bioretention Basin (CB-3)	50					\$57,000							Moved to 2025 to balance expenditures.
Surface Water Management Plan Update	10								\$20,000				
Surface Water Management Projects, Unnamed (Per Year)	50						\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	
Pond Cleaning/Maintenance (1/3 years)	50				\$ 53,845			\$ 57,985					
Storm Sewer Improvements/Replacements (Per Year)	50	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	
<b>Totals</b>		<b>\$501,150</b>	<b>\$459,335</b>	<b>\$303,000</b>	<b>\$477,075</b>	<b>\$398,475</b>	<b>\$316,430</b>	<b>\$442,985</b>	<b>\$385,000</b>	<b>\$365,000</b>	<b>\$365,000</b>	<b>\$365,000</b>	

## Capital Improvement Plan, City of Orono

Police CIP										Table A-9				
Project	Purchase Year	Expected Life (yrs)	Current Year	5-Year CIP					Planning Period					
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
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)	2020	4					\$41,000				\$42,500			
Squad 267 (Dodge Charger)	2021	4	\$40,000					\$41,000				\$43,000		
Squad 268 (Dodge Charger)	2021	4	\$40,000					\$41,000				\$43,000		
Squad 269 (Dodge Durango)	2021	4	\$40,000					\$41,000				\$43,000		
Squad 254 (Ford SUV)	2018			\$41,000										
Squad 253 (AWD Charger)	2018	4		\$41,000					\$42,000				\$43,500	
Squad 251 (Ford SUV)	2018	4		\$41,000					\$42,000				\$43,500	
Squad 258 (Dodge Durango)	2019	4			\$41,000					\$42,500				\$44,000
Squad 259 (Dodge Durango)	2019	4			\$41,000					\$42,500				\$44,000
Squad 260 (Dodge Durango)	2019	4			\$41,000					\$42,500				\$44,000
Squad 261 (Dodge Durango) Chief	2019	6							\$42,000				\$43,500	
Squad 843 (Tahoe-Mound) SRO	2010	10												
Squad 255 (Dodge Durango) CSO	2018	4		\$41,000						\$42,500				
Squad 247 (Dodge Ram) Investigations	2016	6							\$42,000					
Squad 257 (Dodge Journey) Deputy Chief	2018	6			\$41,000							\$43,000		\$44,000
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	\$15,126	
Weapons - Rifles											\$5,000	\$5,000	\$5,000	
Mobile Data Computer			\$5,628	\$5,796	\$5,970	\$6,149	\$6,334	\$6,524	\$6,720	\$6,921	\$7,129	\$7,343	\$7,563	
<b>Total Funded by Operating Budget</b>			<b>\$136,883</b>	<b>\$181,389</b>	<b>\$181,911</b>	<b>\$182,448</b>	<b>\$142,002</b>	<b>\$187,572</b>	<b>\$190,159</b>	<b>\$148,264</b>	<b>\$198,386</b>	<b>\$157,528</b>	<b>\$203,689</b>	
<b>Supported or Partially Funded through Police Account in the PIR Fund</b>														
Weapons - Rifles			\$25,000	\$25,000										
Weapons - Handguns					\$20,000									
Mobile Radios								\$50,000	\$50,000					
Squad/Body Video Cameras			\$200,000				\$15,000			\$15,000				
Police Records						\$120,000								
<b>Total PIR Supported</b>			<b>\$225,000</b>	<b>\$25,000</b>	<b>\$20,000</b>	<b>\$120,000</b>	<b>\$15,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>Totals</b>			<b>\$361,883</b>	<b>\$206,389</b>	<b>\$201,911</b>	<b>\$302,448</b>	<b>\$157,002</b>	<b>\$237,572</b>	<b>\$240,159</b>	<b>\$163,264</b>	<b>\$198,386</b>	<b>\$157,528</b>	<b>\$203,689</b>	

## Capital Improvement Plan, City of Orono

<b>Police CIP</b>										<b>Table A-9</b>			
Project	Purchase	Expected	Current Year	5-Year CIP					Planning Period				
	Year	Life (yrs)	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031

NOTES:

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



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>\$180,501</b>	<b>\$181,438</b>	<b>\$176,907</b>	<b>\$177,126</b>	<b>\$182,063</b>	<b>\$39,438</b>	<b>\$39,438</b>	<b>\$39,438</b>	<b>\$39,438</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	\$145,084	\$144,146	\$148,677	\$148,459	\$143,521	\$286,146	\$286,146	\$286,146	\$286,146
<b>Year End Cash Balance</b>	<b>\$74,617</b>	<b>\$219,700</b>	<b>\$363,846</b>	<b>\$512,523</b>	<b>\$660,982</b>	<b>\$804,503</b>	<b>\$1,090,649</b>	<b>\$1,376,795</b>	<b>\$1,662,941</b>	<b>\$1,949,087</b>

<b>Pavement Management Fund</b>		Current Balance: \$0									<b>Table B-5b</b>
<b>Project</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>	
Annual Operation and Maintenance (1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
CIP Expenditures	\$1,123,570	\$1,114,800	\$1,336,400	\$1,520,200	\$1,200,000	\$1,167,800	\$1,296,460	\$1,320,389	\$1,344,797	\$1,369,693	
<b>Total Expenses</b>	<b>\$1,123,570</b>	<b>\$1,114,800</b>	<b>\$1,336,400</b>	<b>\$1,520,200</b>	<b>\$1,200,000</b>	<b>\$1,167,800</b>	<b>\$1,296,460</b>	<b>\$1,320,389</b>	<b>\$1,344,797</b>	<b>\$1,369,693</b>	
Revenues (1)	\$375,000	\$325,000	\$275,000	\$275,000	\$250,000	\$200,000	\$155,000	\$160,000	\$165,000	\$170,000	
Pavement Management Levy	\$750,000	\$850,000	\$1,000,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,150,000	\$1,160,000	\$1,170,000	\$1,180,000	
Annual Balance	\$1,430	\$60,200	(\$61,400)	(\$145,200)	\$150,000	\$132,200	\$8,540	(\$389)	(\$9,797)	(\$19,693)	
<b>Year End Cash Balance</b>	<b>\$1,430</b>	<b>\$61,630</b>	<b>\$230</b>	<b>(\$144,970)</b>	<b>\$5,030</b>	<b>\$137,230</b>	<b>\$145,770</b>	<b>\$145,381</b>	<b>\$135,584</b>	<b>\$115,891</b>	

<b>Water Fund</b>		Current Balance: \$910,435									<b>Table B-6</b>
<b>Project</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>	
Annual Operation and Maintenance (3)	\$1,060,500	\$1,085,240	\$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	\$798,440	\$142,889	\$399,297	\$397,833	\$366,028	\$489,242	\$319,973	\$420,722	\$270,722	
Transfer to Equipment Fund	\$0	\$10,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>Total Expenses</b>	<b>\$1,638,180</b>	<b>\$2,050,510</b>	<b>\$1,332,370</b>	<b>\$1,570,307</b>	<b>\$1,598,349</b>	<b>\$1,588,373</b>	<b>\$1,742,231</b>	<b>\$1,599,129</b>	<b>\$1,731,565</b>	<b>\$1,510,298</b>	
Revenues (4)	\$1,192,528	\$1,830,344	\$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	(\$203,865)	\$36,110	\$196,816	\$5,855	\$18,481	\$67,202	(\$62,614)	\$115,643	\$19,105	\$277,027	
<b>Year End Cash Balance</b>	<b>\$706,570</b>	<b>\$742,680</b>	<b>\$939,496</b>	<b>\$945,351</b>	<b>\$963,832</b>	<b>\$1,031,034</b>	<b>\$968,420</b>	<b>\$1,084,063</b>	<b>\$1,103,168</b>	<b>\$1,380,196</b>	

<b>Sewer Fund</b>		Current Balance: \$2,500,027									<b>Table B-7</b>
<b>Project</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>	

Operation and Maintenance (3)	\$1,903,900	\$1,957,425	\$2,016,148	\$2,076,632	\$2,138,931	\$2,203,099	\$2,269,192	\$2,337,268	\$2,407,386	\$2,479,607
Debt Service	\$110,000	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CIP Expenditures	\$773,000	\$821,700	\$435,000	\$449,000	\$426,500	\$631,000	\$446,000	\$448,400	\$450,848	\$657,344
Transfer to Equipment Fund for Sewer Equip	\$0	\$90,000	\$450,000	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0
<b>Total Expenses</b>	<b>\$2,786,900</b>	<b>\$2,979,125</b>	<b>\$2,901,148</b>	<b>\$2,525,632</b>	<b>\$2,865,431</b>	<b>\$2,834,099</b>	<b>\$2,715,192</b>	<b>\$2,785,668</b>	<b>\$2,858,234</b>	<b>\$3,136,951</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
Annual Balance	(\$245,840)	(\$359,134)	(\$205,932)	\$238,862	(\$22,584)	\$89,703	\$265,697	\$267,693	\$271,461	\$70,986
<b>Year End Cash Balance</b>	<b>\$2,254,187</b>	<b>\$1,895,052</b>	<b>\$1,689,121</b>	<b>\$1,927,983</b>	<b>\$1,905,399</b>	<b>\$1,995,102</b>	<b>\$2,260,799</b>	<b>\$2,528,492</b>	<b>\$2,799,953</b>	<b>\$2,870,938</b>

<b>Storm Water Fund</b>		Current Balance: \$1,883,172									<b>Table B-8</b>
<b>Project</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>	
Operation and Maintenance (3)	\$404,800	\$444,064	\$457,386	\$471,107	\$485,241	\$499,798	\$514,792	\$530,236	\$546,143	\$562,527	
CIP Expenditures	\$501,150	\$459,335	\$303,000	\$477,075	\$398,475	\$316,430	\$442,985	\$385,000	\$365,000	\$365,000	
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>\$954,450</b>	<b>\$903,399</b>	<b>\$760,386</b>	<b>\$948,182</b>	<b>\$883,716</b>	<b>\$961,728</b>	<b>\$994,777</b>	<b>\$915,236</b>	<b>\$911,143</b>	<b>\$927,527</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	
Annual Balance	(\$184,383)	(\$119,862)	\$38,327	(\$136,233)	(\$56,390)	(\$124,763)	(\$136,888)	(\$35,900)	(\$9,823)	(\$3,675)	
<b>Year End Cash Balance</b>	<b>\$1,698,789</b>	<b>\$1,578,927</b>	<b>\$1,617,254</b>	<b>\$1,481,022</b>	<b>\$1,424,632</b>	<b>\$1,299,869</b>	<b>\$1,162,981</b>	<b>\$1,127,081</b>	<b>\$1,117,258</b>	<b>\$1,113,583</b>	