

Capital Improvement Plan, City of Orono

Summary of Costs										
CIP	5-Year CIP					Planning Period				
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Parks (A-1)	\$469,300	\$30,000	\$225,042	\$380,000	\$10,000	\$234,946	\$180,000	\$235,890	\$214,700	\$567,000
Equipment (A-2a)	\$293,600	\$306,000	\$285,300	\$168,000	\$151,500	\$450,000	\$185,800	\$124,500	\$90,461	\$60,000
Building (A-2b)	\$275,000	\$57,000	\$820,320	\$75,000	\$320,000	\$209,000	\$160,000	\$160,000	\$160,000	\$160,000
IT (A-2c)	\$0	\$15,000	\$115,000	\$0	\$0	\$12,000	\$22,000	\$43,000	\$15,000	\$0
Long Lake Fire (A-3)	\$9,350	\$110,500	\$46,750	\$0	\$0	\$114,750	\$0	\$51,000	\$488,750	\$76,500
Community Investment (A-4)	\$0	\$0	\$568,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Public Works - Streets - PMF & MSA (A-5)	\$1,236,583	\$1,964,123	\$961,367	\$1,541,700	\$838,400	\$1,550,000	\$1,581,000	\$1,612,620	\$1,644,872	\$1,677,770
Public Works - Water (A-6)	\$233,855	\$390,760	\$379,131	\$420,094	\$375,308	\$422,833	\$488,528	\$484,544	\$348,973	\$306,742
Public Works - Sanitary Sewer (A-7)	\$815,000	\$764,000	\$658,250	\$545,550	\$449,480	\$1,086,000	\$656,700	\$663,534	\$670,505	\$677,615
Public Works - Storm Sewer (A-8)	\$404,140	\$480,570	\$417,515	\$272,610	\$279,605	\$325,000	\$327,800	\$303,641	\$333,569	\$336,541
Police (A-9)	\$170,391	\$171,883	\$202,389	\$207,911	\$182,448	\$198,002	\$187,572	\$190,159	\$163,264	\$248,386
Totals	\$3,907,219	\$4,289,836	\$4,680,034	\$3,610,865	\$2,606,741	\$4,602,530	\$3,789,400	\$3,868,887	\$4,130,093	\$4,110,554

Debt Service Levy

Debt Issue	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
2010 Street Reconstruction Bonds	\$134,825	\$131,520	\$133,325	\$134,530	\$130,000	\$130,725	\$0	\$0	\$0	\$0
2014 Garage, Water, Refunding Bonds	\$162,900	\$166,700	\$161,000	\$282,000	\$277,000	\$277,000	\$278,857	\$278,000	\$278,000	\$278,000
2016 GO Refunding	\$413,275	\$412,780	\$416,675	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Current Debt Levy	\$711,000	\$711,000	\$711,000	\$416,530	\$407,000	\$407,725	\$278,857	\$278,000	\$278,000	\$278,000

Capital Improvement Plan, City of Orono

Parks CIP	Table A-1									
Project	5-Year CIP					Planning Period				
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Trail Construction along CSAH 19 (Livingston to Dakota)	\$160,000									
East Long Lake Road to Trail	\$134,000									
Summit Beach Improvements (paved parking and playground)	\$95,300									
Big Island ADA Trails, amenities, restroom	\$80,000									
Lurton gravel trails		\$20,000								
Basket Ball Court Surfacing - Crystal Bay		\$10,000								
CSAH 112 PH 3 Trail (School to CSAH 6)			\$188,640							
CR 6 Trail (OCB - Willow) Improvement			\$36,402							
Trail construction along North Arm drive to Lakeview Legacy Park				\$80,000						
Hackberry Improvements				\$300,000						
Dock Replacement (15 year life)					\$10,000	\$10,000				
Trail Construction along OCB and North Shore (Luce Line to Dakota)										\$567,000
Trail Construction along Hunter or Ferndale Roads connection lace line to northern boundary								\$133,890		
Park Equipment (Navarre, Hackberry, Bederwood, Crystal Bay, Fagerness)						\$64,946				
Trail Access to Lowry Woods							\$100,000			
GC Wetland and Fairway #4 Improvements						\$160,000				
GC Lawn Bowling							\$80,000			
GC Tow Rope								\$102,000		
GC Perimeter Trail									\$214,700	
Totals	\$469,300	\$30,000	\$225,042	\$380,000	\$10,000	\$234,946	\$180,000	\$235,890	\$214,700	\$567,000

Capital Improvement Plan, City of Orono

Equipment CIP	5 Year CIP					Planning Period				
Equipment Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Truck, 1 Ton Dump Truck w/Plow and Sander (new Engine)	\$15,000									
Anti Icing Tank and Pump	\$27,600									
Televising equipment	\$100,000									
Tractor (ROW Mower)	\$53,000									
Flail Mower	\$35,000									
Aerator	\$24,000									
Brine Tank/Distributor	\$20,000									
Broom	\$12,000									
Mower (Parks)	\$7,000									
Jet Rodder		\$300,000								
Utility Service Truck with hoist			\$63,000							
Fertilizer Spreader		\$6,000								
Hot Patch Truck			\$188,000							
Sprayer			\$34,300							
Skid loader				\$53,500						
Truck, 3/4 Ton Pickup w/Plow				\$50,000						
Tee Mower				\$38,000						
Top Dresser				\$16,800						
Greens Mower				\$9,700						
Chipper					\$40,500					
Chevy 3/4 Ton Pickup w/Plow					\$37,000					
Trailer					\$9,000					
Crack Sealing Equipment					\$65,000					
Vactor Truck						\$450,000				
Rough Mower								\$65,500		
Mower (Big island)									\$8,961	
Greens / Turf Roller								\$13,000		
Building Inspection Vehicle							\$40,300			
Tractor Loader Backhoe							\$145,500			
Ford 3/4 Ton Pickup								\$37,000		
Skid loader									\$70,000	
Trailer								\$9,000		
Truck, 3/4 Ton Pickup w/Plow (Sign Truck)										\$60,000
Snow blower									\$11,500	
Totals	\$ 293,600	\$ 306,000	\$ 285,300	\$ 168,000	\$ 151,500	\$ 450,000	\$ 185,800	\$ 124,500	\$ 90,461	\$ 60,000

Capital Improvement Plan, City of Orono

Building CIP						Table A-2b				
	5-Year CIP					Planning Period				
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Council Chambers Remodel	\$70,000									
Park and Ride (striping)		\$12,000								
Park and Ride Overlay		\$25,000								
PW Cold Storage	\$30,000									
City Hall Carpet		\$20,000								
Public Works Parking Lot Repave			\$119,560							
Emergency Generator	\$175,000									
City Hall Parking Lot chip Seal (7years)			\$35,000							
Public Works Roof Replacement			\$665,760							
PW Air Handling System Refurbish				\$75,000						
City Hall Roof Replacement					\$320,000					
Police Department Roof Replacement						\$209,000				
Future Facilities Improvements							\$160,000	\$160,000	\$160,000	\$160,000
Totals	\$275,000	\$57,000	\$820,320	\$75,000	\$320,000	\$209,000	\$160,000	\$160,000	\$160,000	\$160,000

Capital Improvement Plan, City of Orono

IT CIP	Table A-2c									
	5-Year CIP					Planning Period				
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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		
Totals	\$0	\$15,000	\$115,000	\$0	\$0	\$12,000	\$22,000	\$43,000	\$15,000	\$0

Capital Improvement Plan, City of Orono

Long Lake Fire CIP												Table A-3
Project	Purchase	Expected	5-Year CIP					Planning Period				
	Year	Life (yrs)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Upgrade LDH Discharges		10	\$11,000									
Replace U11 with New Utility Vehicle	1999	10		\$130,000								
Replace CMD2 with New CMD1	2011	10			\$55,000							
Replace U11 with New Utility Truck	2000	20						\$135,000				
Replace CMD2 with New CMD1	2013	15								\$60,000		
Replace B11 and Trailer		15										\$90,000
Replace E21 with New Rescue Pumper	2003	15									\$575,000	
Totals:			\$11,000	\$130,000	\$55,000	\$0	\$0	\$135,000	\$0	\$60,000	\$575,000	\$90,000
<i>City of Orono's Portion (85%)</i>			\$9,350	\$110,500	\$46,750	\$0	\$0	\$114,750	\$0	\$51,000	\$488,750	\$76,500
Totals			\$9,350	\$110,500	\$46,750	\$0	\$0	\$114,750	\$0	\$51,000	\$488,750	\$76,500

Capital Improvement Plan, City of Orono

Community Investment CIP										Table A-4
	5-Year CIP					Planning Period				
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
County Road 112 Turn Back (Lighting/Sidewalks) *			\$568,970							
Totals	\$0	\$0	\$568,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0

* 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	5-Year CIP					Planning Period				
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Smith and Lyman Avenues	Reclaim	\$221,500									
Livingston & Navarre Aves	Reclaim	\$294,630									
Windjammer (North Arm to End)	Reclaim	\$60,810									
Casco Circle	Reclaim		\$431,670								
Rest Point Lane	Mill & Overlay	\$45,966									
Dickenson & Russel Street	Reclaim		\$420,386								
Togo Road	Reclaim	\$357,300									
Briar Street	Mill & Overlay	\$67,410									
Park Lane & Elm Street	Mill & Overlay			\$111,200							
Fox Street - Orono Orchard to East End	Pave	\$117,100									
Fox Street - Brown-Orono Orchard	Reconstruct		\$1,040,200								
Orchard Park Road	Mill & Overlay			\$184,400							
Ferndale Road West	Mill & Overlay			\$168,300							
Glendale Drive	Mill & Overlay			\$43,700							
Kelley Parkway - OCB Rd to Stone Bay	Mill & Overlay			\$88,600							
Willow Drive - Fox St- Brown Road	Mill & Overlay			\$293,300							
Townline Road	Reconstruct				\$365,600						
Navarre East Roads (Kenwood Way, Navarre Lane, Olive Avenue, Bayview place, Lafayette Ridge Ct)	Mill & Overlay				\$314,100						
North Arm Drive	Mill & Overlay				\$365,300						
Forest Lake Drive	Mill & Overlay				\$75,900						
Eileen Street	Mill & Overlay				\$26,600						
Crestview Avenue	Mill & Overlay				\$59,200						
Livingston Avenue - CR15 to Blaine	Mill & Overlay					\$150,600					
Old Long Lake Road	Mill & Overlay					\$385,200					
Orono Lane	Mill & Overlay					\$48,100					
Crystal Bay Roads (Briar*, Arbor, Prospect, Crystal, Spates)	Mill & Overlay					\$254,500					
Future road reconstructions/ M&O and Reclaims (per Year)							\$1,150,000	\$1,173,000	\$1,196,460	\$1,220,389	\$1,244,797
Total - Pavement Management Fund		\$1,164,716	\$1,892,256	\$889,500	\$1,206,700	\$838,400	\$1,150,000	\$1,173,000	\$1,196,460	\$1,220,389	\$1,244,797

Capital Improvement Plan, City of Orono

Public Works - Streets CIP							Table A-5				
Project	Type	5-Year CIP					Planning Period				
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
MSA Streets:											
Ferndale Road North (Shared with Plymouth)	Mill & Overlay	\$71,867	\$71,867	\$71,867							
Brown Road North	Mill & Overlay				\$335,000						
Future MSA road projects (per year)	Mill & Overlay						\$400,000	\$408,000	\$416,160	\$424,483	\$432,973
Total MSA Streets:		\$71,867	\$71,867	\$71,867	\$335,000	\$0	\$400,000	\$408,000	\$416,160	\$424,483	\$432,973
MSA Debt Service		\$143,111	\$139,661	\$141,061	\$141,945	\$137,468	\$137,687	\$142,625			
Totals Streets		\$1,236,583	\$1,964,123	\$961,367	\$1,541,700	\$838,400	\$1,550,000	\$1,581,000	\$1,612,620	\$1,644,872	\$1,677,770

Capital Improvement Plan, City of Orono

Public Works - Water CIP											Table A-6
	5-Year CIP					Planning Period					
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Water Valve replacement Togo Road	\$18,000										
Water Valve replacement Livingston Road	\$18,000										
Water Valve replacement Casco Circle		\$36,000									
Water Main Replacement (CSAH15/19) W/Road	\$169,855										
South Tower Repaint and Rehabilitation			\$350,000								
Water Main replacement CSAH 19 South of CSAH 15		\$181,000									
North Distribution Extension (West of OCB)						\$120,000					
Navarre Plant Control Upgrade		\$55,200									
Water Main Loop Concordia									\$230,000		
Water Main replacement E. Navarre Streets W/Road				\$327,880							
North Water Tower Maintenance				\$62,500					\$69,000		
Well #4 Inspection & Maintenance (every 10 yrs)						\$20,000					
North Water Plant Painting							\$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			
Well #3 Inspection & Maintenance (every 10 yrs)									\$20,000		
Water Valve Replacements (4 / Year)	\$28,000	\$28,560	\$29,131	\$29,714	\$30,308	\$27,833	\$28,528	\$29,242	\$29,973	\$30,722	
Water Meter Replacement		\$90,000			\$95,000			\$170,000			
Water Main Replacement/Rehab (per Year)					\$250,000	\$255,000		\$265,302		\$276,020	
Totals	\$233,855	\$390,760	\$379,131	\$420,094	\$375,308	\$422,833	\$488,528	\$484,544	\$348,973	\$306,742	

Capital Improvement Plan, City of Orono

Public Works - Sanitary Sewer CIP										Table A-7
Project	5-Year CIP					Planning Period				
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Sewer Rehabilitation	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000
Lift Station #3 Generator	\$75,000									
Lift Station #13 Generator	\$75,000									
Lift Station #15 Generator		\$75,000								
Grinder Station #10	\$20,000									
Lift Station #19 Rehab	\$60,000									
Lift Station #30 Rehab	\$60,000									
Lift Station #11 Rehab		\$62,000								
Lift Station #3 Rehab		\$62,000								
Lift Station #5 Rehab			\$64,000							
Lift Station #4 Rehab			\$64,000							
Lift Station #16 Rehab				\$25,000						
Lift Station #28 Rehab				\$65,600						
Grinder Station #8 Rehab					\$67,240					
Lift Station #10 Rehab					\$67,240					
Lift Station Rehab (2 per year)						\$135,000	\$137,700	\$140,454	\$143,263	\$146,128
Road Project Sanitary Adjustment	\$55,000	\$20,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Force Main replacement with CSAH 19/15 Project	\$180,000									
Force main Replacement Tonkawa PH2		\$225,000								
Sewer Meter installation (into Long Lake)		\$30,000								
Northern Utilities Expansion						\$436,000				

Capital Improvement Plan, City of Orono

Public Works - Sanitary Sewer CIP										Table A-7
	5-Year CIP					Planning Period				
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Force Main Replacement Tonkawa PH3			\$215,250							
Force Main Replacement Tonkawa PH4				\$139,950						
Sewer Main Replacements						\$200,000	\$204,000	\$208,080	\$212,242	\$216,486
Totals	\$815,000	\$764,000	\$658,250	\$545,550	\$449,480	\$1,086,000	\$656,700	\$663,534	\$670,505	\$677,615

Capital Improvement Plan, City of Orono

Public Works - Storm Sewer CIP **Table A-8**

Project	5-Year CIP					Planning Period				
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Smith and Lyman Avenues	\$25,575									
Livingston & Navarre Aves	\$20,000									
Windjammer (North Arm to End)	\$7,000									
Casco Circle		\$42,000								
Rest Point Lane	\$5,565									
Dickenson & Russel Street		\$39,000								
Togo Road	\$91,000									
Park Lane & Elm Street			\$11,355							
Fox Street - Orono Orchard to East End	\$28,000									
Fox Street - Brown-Orono Orchard		\$150,570								
Orchard Park Road			\$27,660							
Ferndale Road West			\$25,245							
Glendale Drive			\$6,555							
Kelley Parkway - OCB Rd to StoneBay			\$13,290							
Willow Drive - Fox St- Brown Road			\$46,410							
Navarre East Roads (Kenwood Way, Navare Lane, Olive Avenue, Bayview place, Lafayette Ridge Ct)				\$47,115						
North Arm Drive				\$54,795						
Forest Lake Drive				\$11,385						
Eileen Street				\$3,990						
Crestview Avenue				\$8,880						
Townline Road				\$23,445						

Capital Improvement Plan, City of Orono

Public Works - Storm Sewer CIP						Table A-8				
Project	5-Year CIP					Planning Period				
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Livingston Avenue - CR15 to Blaine					\$22,590					
Old Long Lake Road					\$57,780					
Orono Lane					\$7,215					
Crystal Bay Roads (Briar*, Arbor, Prospect, Crystal, Spates)					\$38,175					
Street Stormwater Improvements (per year)						\$140,000	\$142,800	\$145,656	\$148,569	\$151,541
Casco Point Park Outlet (SWMP O-1)		\$58,000								
Casco Cove Outlet (SWMP O-2)			\$80,000							
Casco Point Park Bioretention Basin (SWMP CB-1)		\$55,000								
South Casco Point Road Sump (SWMP CB-2)		\$36,000								
Casco Cove Bioretention Basin (CB-3)			\$57,000							
East Long Lake Road N Improvements (SWMP LL-1)	\$127,000									
Cherry Place Ravine Improvement (SWMP NA-1)				\$23,000						
Surface Water Management Projects, Unnamed (Per Year)						\$85,000	\$85,000		\$85,000	\$85,000
Pond Cleaning/Maintenance (1/year)			\$50,000		\$53,845			\$57,985		
Storm Sewer Improvements/Replacements (Per Year)	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Totals	\$404,140	\$480,570	\$417,515	\$272,610	\$279,605	\$325,000	\$327,800	\$303,641	\$333,569	\$336,541

Capital Improvement Plan, City of Orono

Police CIP												Table A-9
Project	Purchase	Expected	5-Year CIP					Planning Period				
	Year	Life (yrs)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Squad 242 (Ford SUV) CSO	2015	4	\$38,500				\$41,000				\$42,500	
Squad 244 (AWD Charger)	2016	4	\$38,500				\$41,000				\$42,500	
Squad 246 (AWC Charger)	2017	4	\$38,500				\$41,000				\$42,500	
Squad 248 (Ford SUV)	2017	4	\$38,500					\$41,000				\$43,000
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					\$42,000			
Squad 253 (AWD Charger)	2018	4			\$40,000				\$42,000			
Squad 254 (Ford SUV)	2018	4			\$40,000				\$42,000			
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			
Squad 843 (Tahoe-Mound) SRO	2010	12			\$40,000							
Squad 255 (Dodge Durango) SRO	2018	6								\$42,500		
Squad 247 (Dodge Ram) Investigations	2016	6			\$40,000							\$43,000
Squad 257 (Dodge Journey) Deputy Chief	2018	6					\$41,000					
Squad 256 (Dodge Journey) Investigations	2018	6						\$41,000				
Technology Replacement			\$10,927	\$11,255	\$11,593	\$11,941	\$12,299	\$12,668	\$13,048	\$13,439	\$13,842	\$14,258
Weapons - Rifles					\$10,000							\$5,000
Weapons - Handguns						\$20,000						
Supported or Partially Funded through Police Account in the PIR Fund												
Mobile Radios						\$50,000						\$50,000
Squad/Body Video Cameras				\$35,000	\$15,000			\$15,000			\$15,000	
Mobile Data Computer			\$5,464	\$5,628	\$5,796	\$5,970	\$6,149	\$6,334	\$6,524	\$6,720	\$6,921	\$7,129
Totals			\$170,391	\$171,883	\$202,389	\$207,911	\$182,448	\$198,002	\$187,572	\$190,159	\$163,264	\$248,386

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

Park Fund						Current Balance: \$492,220					Table B-1
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Operation and Maintenance (1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
CIP Expenditures	\$469,300	\$30,000	\$225,042	\$380,000	\$10,000	\$74,946	\$0	\$133,890	\$0	\$567,000	
Total Expenses	\$469,300	\$30,000	\$225,042	\$380,000	\$10,000	\$74,946	\$0	\$133,890	\$0	\$567,000	
Revenues (2)	\$10,500	\$334	\$38	(\$2,213)	\$0	\$0	\$0	\$0	\$0	\$0	
Annual Balance	(\$458,800)	(\$29,666)	(\$225,004)	(\$382,213)	(\$10,000)	(\$74,946)	\$0	(\$133,890)	\$0	(\$567,000)	
Year End Cash Balance	\$33,420	\$3,754	(\$221,250)	(\$603,463)	(\$613,463)	(\$688,409)	(\$688,409)	(\$822,299)	(\$822,299)	(\$1,389,299)	

Improvement/Equipment Outlay Fund						Current Balance: \$115,857					Table B-2
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Equipment, CIP	\$293,600	\$306,000	\$285,300	\$168,000	\$151,500	\$450,000	\$185,800	\$124,500	\$90,461	\$60,000	
Building CIP	\$275,000	\$57,000	\$820,320	\$75,000	\$320,000	\$209,000	\$160,000	\$160,000	\$160,000	\$160,000	
IT, CIP	\$0	\$15,000	\$115,000	\$0	\$0	\$12,000	\$22,000	\$43,000	\$15,000	\$0	
Golf, CIP	\$0	\$0	\$0	\$0	\$0	\$160,000	\$180,000	\$102,000	\$214,700	\$0	
Total Expenses	\$568,600	\$378,000	\$1,220,620	\$243,000	\$471,500	\$831,000	\$547,800	\$429,500	\$480,161	\$220,000	
Revenues (Transfer)	\$215,000	\$255,000	\$315,000	\$315,000	\$315,000	\$315,000	\$315,000	\$315,000	\$315,000	\$315,000	
Transfer from Enterprise Funds	\$100,000	\$300,000	\$63,000	\$0	\$37,000	\$450,000	\$145,500	\$0	\$0	\$0	
Annual Balance	(\$253,600)	\$177,000	(\$842,620)	\$72,000	(\$119,500)	(\$66,000)	(\$87,300)	(\$114,500)	(\$165,161)	\$95,000	
Year End Cash Balance	(\$137,743)	\$39,257	(\$803,363)	(\$731,363)	(\$850,863)	(\$916,863)	(\$1,004,163)	(\$1,118,663)	(\$1,283,824)	(\$1,188,824)	

Improvement/Equipment Outlay Fund - Long Lake Fire Account						Current Balance: \$150,633					Table B-3
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Long Lake Fire CIP	\$9,350	\$110,500	\$46,750	\$0	\$0	\$114,750	\$0	\$51,000	\$488,750	\$76,500	
Total Expenses	\$9,350	\$110,500	\$46,750	\$0	\$0	\$114,750	\$0	\$51,000	\$488,750	\$76,500	
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	\$2,313	\$2,081	\$2,484	\$3,359	\$4,243	\$3,988	\$4,878	\$5,266	\$1,281	
Annual Balance	\$80,650	(\$23,187)	\$40,331	\$87,484	\$88,359	(\$25,507)	\$88,988	\$38,878	(\$398,484)	\$9,781	
Year End Cash Balance	\$231,283	\$208,096	\$248,427	\$335,911	\$424,270	\$398,763	\$487,750	\$526,628	\$128,144	\$137,926	

Community Investment Fund						Current Balance: \$671,755					Table B-4
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Annual Expenditures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Community Improvement CIP	\$0	\$0	\$568,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Debt Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expenses	\$0	\$0	\$568,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Revenues (interest)	\$5,000	\$5,000	\$5,000	\$1,178	\$1,190	\$1,202	\$1,214	\$1,226	\$1,238	\$1,250	
Year End Cash Balance	\$676,755	\$681,755	\$117,785	\$118,963	\$120,152	\$121,354	\$122,568	\$123,793	\$125,031	\$126,281	

Capital Improvement Plan, City of Orono

MSA Fund		Current Fund Balance: \$0				State MSA Construction Balance = \$550,000				Table B-5a
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Annual Expenditures (MSA CIP)	\$71,867	\$71,867	\$71,867	\$335,000	\$0	\$400,000	\$408,000	\$416,160	\$424,483	\$432,973
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.	\$28,113	\$24,663	\$21,063	\$17,000	\$12,469	\$7,688	\$2,625	\$0	\$0	\$0
Debt Service (Principal) - from MSA Construction Account	\$115,000	\$115,000	\$120,000	\$125,000	\$125,000	\$130,000	\$140,000	\$0	\$0	\$0
Total Expenses	\$254,417	\$250,967	\$252,367	\$516,438	\$176,906	\$577,125	\$590,063	\$455,598	\$463,921	\$472,410
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	\$71,167	\$74,617	\$73,217	(\$190,854)	\$148,678	(\$251,541)	(\$264,479)	(\$130,014)	(\$138,337)	(\$146,826)
Year End Cash Balance	\$71,167	\$145,784	\$219,001	\$28,148	\$176,825	(\$74,716)	(\$339,194)	(\$469,208)	(\$607,544)	(\$754,371)

Pavement Management Fund		Current Balance: -\$61,122				Table B-5b				
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Annual Operation and Maintenance (1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CIP Expenditures	\$1,164,716	\$1,892,256	\$889,500	\$1,206,700	\$838,400	\$1,150,000	\$1,173,000	\$1,196,460	\$1,220,389	\$1,244,797
Total Expenses	\$1,164,716	\$1,892,256	\$889,500	\$1,206,700	\$838,400	\$1,150,000	\$1,173,000	\$1,196,460	\$1,220,389	\$1,244,797
Revenues (1)	\$0	\$0	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
Pavement Management Levy	\$617,450	\$750,000	\$850,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000
Annual Balance	(\$547,266)	(\$1,142,256)	(\$39,500)	(\$6,700)	\$361,600	\$50,000	\$27,000	\$3,540	(\$20,389)	(\$44,797)
Year End Cash Balance	(\$608,388)	(\$1,750,644)	(\$1,790,144)	(\$1,796,844)	(\$1,435,244)	(\$1,385,244)	(\$1,358,244)	(\$1,354,704)	(\$1,375,094)	(\$1,419,891)

Water Fund		Current Balance: \$182,900				Table B-6				
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Annual Operation and Maintenance (1)	\$933,250	\$1,009,388.98	\$1,039,998	\$1,080,749	\$1,115,001	\$1,142,408	\$1,170,969	\$1,200,243	\$1,230,249	\$1,261,005
Debt Service	\$155,430	\$157,180	\$156,830	\$100,430	\$98,570	\$101,550	\$100,500	\$104,000	\$100,600	\$103,000
CIP Expenditures	\$233,855	\$390,760	\$379,131	\$420,094	\$375,308	\$422,833	\$488,528	\$484,544	\$348,973	\$306,742
Total Expenses	\$1,322,535	\$1,557,329	\$1,575,959	\$1,601,273	\$1,588,879	\$1,666,791	\$1,759,997	\$1,788,786	\$1,679,822	\$1,670,747
Revenues (1)	\$1,134,237	\$1,276,818	\$1,317,278	\$1,338,317	\$1,359,776	\$1,381,665	\$1,423,115	\$1,465,809	\$1,509,783	\$1,555,076
Add back Depreciation	\$225,800	\$231,385	\$245,889	\$269,805	\$287,271	\$297,544	\$304,983	\$312,607	\$320,422	\$328,433
Assessments	\$10,387	\$10,387	\$10,387	\$10,387	\$10,387	\$10,387	\$10,387	\$0	\$0	\$0
Annual Balance	\$47,889	(\$38,739)	(\$2,405)	\$17,236	\$68,555	\$22,805	(\$21,512)	(\$10,371)	\$150,384	\$212,762
Year End Cash Balance	\$230,789	\$192,051	\$189,646	\$206,882	\$275,437	\$298,242	\$276,729	\$266,359	\$416,742	\$629,504

Capital Improvement Plan, City of Orono

Sewer Fund						Current Balance: \$1,387,422	Table B-7				
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Operation and Maintenance (1)	\$1,791,200	\$1,844,027.04	\$1,894,399.43	\$1,939,171.03	\$1,981,278	\$2,023,797	\$2,074,392	\$2,126,252	\$2,179,408	\$2,233,893	
Debt Service	\$110,000	\$110,000	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
CIP Expenditures	\$815,000	\$764,000	\$658,250	\$545,550	\$449,480	\$1,086,000	\$656,700	\$663,534	\$670,505	\$677,615	
Transfer to Equipment Fund for Sewer Equip	\$115,000	\$31,500	\$0	\$450,000	\$0	\$35,000	\$0	\$0	\$0	\$0	
Total Expenses	\$2,831,200	\$2,749,527	\$2,662,649	\$2,934,721	\$2,430,758	\$3,144,797	\$2,731,092	\$2,789,786	\$2,849,913	\$2,911,508	
Revenues (1)	\$1,889,629	\$2,173,073	\$2,216,535	\$2,260,865	\$2,306,083	\$2,352,204	\$2,399,249	\$2,447,233	\$2,496,178	\$2,546,102	
Add back Depreciation	\$353,600	\$377,100	\$397,107	\$410,136	\$420,592	\$430,805	\$441,575	\$452,615	\$463,930	\$475,528	
Assessments	\$35,349	\$30,368	\$26,934	\$24,902	\$17,569	\$17,569	\$10,939	\$2,000	\$0	\$0	
Annual Balance	(\$552,622)	(\$168,986)	(\$22,074)	(\$238,818)	\$313,486	(\$344,219)	\$120,670	\$112,062	\$110,195	\$110,122	
Year End Cash Balance	\$834,800	\$665,814	\$643,741	\$404,923	\$718,409	\$374,190	\$494,860	\$606,922	\$717,117	\$827,239	

Storm Water Fund						Current Balance: \$613,288	Table B-8				
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Operation and Maintenance (1)	\$373,000	\$388,798.40	\$402,048.43	\$417,187.39	\$430,298	\$445,620	\$456,761	\$468,180	\$479,884	\$491,882	
CIP Expenditures	\$404,140	\$480,570	\$417,515	\$272,610	\$279,605	\$325,000	\$327,800	\$303,641	\$333,569	\$336,541	
Transfer to Equipment Fund for Storm Equip	\$100,000	\$0	\$75,000	\$0	\$0	\$12,000	\$600,000	\$0	\$0	\$0	
Total Expenses	\$877,140	\$869,368	\$894,563	\$689,797	\$709,902	\$782,620	\$1,384,561	\$771,821	\$813,454	\$828,422	
Revenues (1)	\$569,936	\$712,420	\$755,165	\$770,268	\$785,673	\$801,387	\$817,415	\$833,763	\$850,438	\$867,447	
Add back depreciation	\$62,000	\$71,454	\$78,135	\$86,407	\$92,670	\$101,004	\$103,529	\$106,117	\$108,770	\$111,490	
Annual Balance	(\$245,204)	(\$85,495)	(\$61,264)	\$166,878	\$168,441	\$119,771	(\$463,617)	\$168,060	\$145,755	\$150,514	
Year End Cash Balance	\$368,084	\$282,589	\$221,325	\$388,203	\$556,644	\$676,415	\$212,798	\$380,857	\$526,612	\$677,127	

Permanent Improvement Revolving (PIR) Fund						Current Balance: \$879,102	Amount Available for Police Purchases = \$268,823	Table B-9		
Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Police Expenses	\$5,464	\$40,628	\$20,796	\$55,970	\$6,149	\$21,334	\$6,524	\$6,720	\$21,921	\$57,129
Total Expenses	\$5,464	\$40,628	\$20,796	\$55,970	\$6,149	\$21,334	\$6,524	\$6,720	\$21,921	\$57,129
Revenues	\$12,296	\$8,859	\$8,542	\$8,419	\$7,944	\$7,962	\$7,828	\$7,841	\$7,852	\$7,711
Annual Balance	\$6,832	(\$31,768)	(\$12,255)	(\$47,551)	\$1,794	(\$13,372)	\$1,304	\$1,121	(\$14,069)	(\$49,417)
Year End Cash Balance	\$885,934	\$854,166	\$841,911	\$794,360	\$796,154	\$782,782	\$784,086	\$785,207	\$771,138	\$721,721

NOTES:

- (1) Expenses and Revenues are based on the City's 2020 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.