

Report To: Board of Trustees
From: Melissa Veldheer, Finance Director
Date: June 1, 2018
Subject: Proposed 2019-2024 Capital Improvement Plan (CIP)

In keeping with the Township's policies for long range financial planning, the Capital Improvement Plan (CIP) for the six-year period 2019-2024 is submitted for your review. This plan identifies anticipated capital expenditures of an estimated cost of \$10,000 or more for land, buildings, equipment, vehicles, and infrastructure.

The 2019-2024 CIP is a financial plan, not a budgetary authorization to expend funds. Actual expenditures for major capital projects are authorized by the Board through the annual operating budget and/or by award of construction and purchase contracts. The six-year capital plan provides the opportunity to identify and prioritize future capital projects and consider options for financing such projects, such as general operating funds, grants, borrowing, voted millage, etc.

The Township's CIP is reviewed and updated annually to reflect new projects, deleted projects, and any changes in estimated project costs or timing.

The proposed 2019-2024 CIP anticipates average estimated capital expenditures for the six-year period of \$7.1 million for general government operations and \$4.2 million for water and sewer enterprise operations.

Recommendation for Review and Approval

The Board is requested to review the plan and suggest or recommend any additions or changes at the June 21 Board meeting and then approve the proposed 2019-2024 CIP, as adjusted, at the July 19 Board meeting.

Capital projects planned for fiscal year 2019 will be included in the 2019 operating budget, which will be developed during the months of July and August. Some adjustments to the CIP may occur as the operating budget is being developed for Board approval in September.

Attachments

- Overview of Proposed CIP
- 6-Year CIP
- Budget Preparation Schedule
- CIP Purpose and Guidelines

HOLLAND CHARTER TOWNSHIP

Overview of 2019-2024 Capital Improvement Plan May 31, 2018

General Government Operations

- Projects are funded primarily by property tax revenues, state shared revenues, available grants and private contributions.
- Estimated expenditures for projects planned for the next 6 years total \$42.5 million or an average of \$7.1 million per year.
- FY2019 projects are estimated at \$9.4 million as compared to \$5.5 million for FY2018. Significant projects for 2018 and 2019 include:

	<u>2018</u>	<u>2019</u>
Road construction & resurfacing	\$1,690,000	\$1,650,000
Bike path system construction & resurfacing	288,000	753,000
Bike path system tractor	65,300	-
Drain system improvements	60,000	60,000
Safety tile replacement at Dunton playground	100,000	-
Replace fire trucks & equipment	872,900	25,400
Public Safety building	2,000,000	6,500,000

- General government projects are summarized on page 2 of the CIP plan and supporting detail is provided on pages 3 – 10.

Water and Sewer Operations

- Projects are funded by user charges, special assessments, trunkage fees, and bonds.
- Estimated expenditures for projects planned for the next 6 years total \$25.5 million or an average of \$4.2 million per year.
- FY2019 projects are estimated at \$5.9 million (compared to \$5.5 million for FY2018).
- Water and sewer projects are summarized on page 11.
- Replacement schedule for vehicles and equipment is on page 12.
- Timing of projects that relate to system expansion or capacity increase will change in keeping with the pace of development within the service area.

HOLLAND CHARTER TOWNSHIP

2019 FISCAL BUDGET

**6-YEAR CAPITAL IMPROVEMENT PLAN
FY2019-2024**

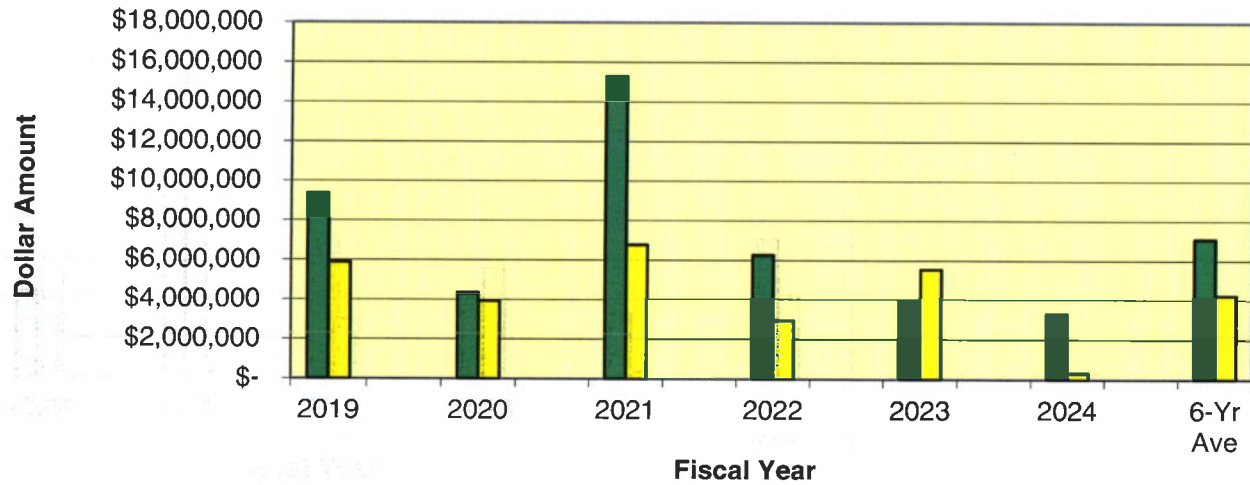
Submitted: June 1, 2018

Revised:

**HOLLAND CHARTER TOWNSHIP
2019 - 2024 CAPITAL IMPROVEMENT PLAN (CIP)
Summary of Expenditures by Type of Operation**

5/30/18

	Budget or	Estimated Expenditures						Average Annual
	Estimated 2018	2019	2020	2021	2022	2023	2024	Estimated Expenditures for 2019-2024 6-Yr Ave
General Govt Operations	\$ 5,540,200	\$ 9,378,300	\$ 4,331,400	\$ 15,283,400	\$ 6,276,600	\$ 3,936,000	\$ 3,293,800	\$ 7,083,250
Water & Sewer Operations	5,451,715	5,887,446	3,935,476	6,775,020	2,965,375	5,555,660	353,359	4,245,389
Totals	\$ 10,991,915	\$ 15,265,746	\$ 8,266,876	\$ 22,058,420	\$ 9,241,975	\$ 9,491,660	\$ 3,647,159	\$ 11,328,639



■ General Govt Operations ■ Enterprise Operations

HOLLAND CHARTER TOWNSHIP
2019- 2024 CAPITAL IMPROVEMENT PLAN (CIP)
Governmental Funds
Dated: 5-30-18

Fund	Function/Activity	Description	Actual 2017	Budget or Estimated 2018	Estimated Expenditures					Source of Funds	Estimated Added Operating Costs	
					2019	2020	2021	2022	2023			2024
101	General office & adm	Minor office equipment (copy machines)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	General opr	N/A
	Township hall	Minor building/furniture/equipment/impr/roof	-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	General opr	N/A
	Fire Department	Minor building, fire & rescue equip impr/repl	-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	General opr	N/A
	Property Maintenance	Replace vehicles	-	-	20,300	-	-	25,700	-	-	General opr	N/A
	Bicycle paths	Annual construction/overlays/engineering	407,841	288,000	753,000	856,000	119,000	300,000	310,000	315,000	Voted millage & Gen opr	N/A
	Bicycle paths	Replace tractor/equipment	-	65,300	-	-	-	-	-	78,000	Voted millage	N/A
	Drains	Annual impr incl constr & engineering	19,000	60,000	60,000	50,000	50,000	50,000	50,000	50,000	General opr	N/A
	Roads	Annual impr & resurface incl constr & engineering	1,007,804	1,690,000	1,650,000	1,700,000	1,750,000	1,800,000	1,850,000	1,900,000	General opr	N/A
	Parks	Safety tile replaced at playground - Dunton	-	100,000	-	-	-	-	-	-	General opr	N/A
	Parks	Replace truck/mowing/maint equipment	-	72,000	99,400	117,800	124,500	43,800	140,700	25,700	General opr	N/A
	Parks	Replace tools & equipment under threshold	37,280	10,000	21,500	5,000	30,400	25,000	16,000	-	General opr	N/A
	Parks	Annual facility improve/replace	23,700	10,000	10,000	10,000	10,000	10,000	10,000	10,000	General opr	N/A
	Parks	Security surveillance equipment	25,474	5,000	5,000	5,000	5,000	75,000	5,000	5,000	General opr	500
	Total General Fund		<u>1,521,099</u>	<u>2,320,300</u>	<u>2,639,200</u>	<u>2,763,800</u>	<u>2,108,900</u>	<u>2,349,500</u>	<u>2,401,700</u>	<u>2,403,700</u>		
211	Recreation	Replace vehicles	-	-	20,300	-	-	25,700	-	-	Fund Bal	N/A
249	Building Inspection	Replace vehicles	-	-	81,200	-	-	102,800	-	-	Fund Bal	N/A
	Total Special Revenue Funds		<u>-</u>	<u>-</u>	<u>101,500</u>	<u>-</u>	<u>-</u>	<u>128,500</u>	<u>-</u>	<u>-</u>		
401	Cap Impr	Computer & office equip/system upgrades										
		Hardware-PCs & printers	18,505	45,000	30,000	30,000	30,000	30,000	30,000	30,000	General opr	N/A
		Hardware-servers, network equip, software, install	-	-	20,000	-	-	-	-	-	General opr	N/A
		Annual system maintenance & upgrades	-	4,000	5,000	5,000	5,000	5,000	5,000	5,000	General opr	N/A
		GIS system (non-utility functions)	-	5,000	5,000	5,000	5,000	5,000	5,000	5,000	General opr	N/A
		Pictometry aerial photography data updates	-	26,000	-	28,000	-	30,000	-	32,000	General opr	N/A
402	Fire Equip Repl	Replace fire trucks/vehicles	-	800,000	-	1,106,000	-	-	-	-	General opr	N/A
		Replace major equipment items	19,050	72,900	25,400	291,300	134,500	56,300	54,300	85,100	General opr	N/A
405	Building & Site	Office bldg 1st floor update - paint walls, recarpet, lights	98,577	-	-	-	-	-	-	-	General opr	N/A
		Office bldg 2nd floor - frame, finish, furnish office space	212,095	-	-	-	-	-	-	-	General opr	10,000
		Fire Station No. 3 updates	-	155,000	-	-	-	-	-	-	General opr	N/A
		HVAC replacements	-	-	52,200	-	-	-	-	-	General opr	N/A
		Roof replacements	-	-	-	102,300	-	41,800	-	-	General opr	N/A
		Public safety/fire station #2 replacement	-	2,000,000	6,500,000	-	-	-	-	-	General opr	25,000
433	Dunton Park	Waterfront & beach area improvements	634,258	-	-	-	-	-	-	-	\$300K Grant/\$300K Gen	10,000
		Surveillance upgrades	18,278	4,000	-	-	-	-	-	-	General opr	N/A
		Various path repairs/improvements	39,216	-	-	-	-	-	-	-	General opr	N/A
		Boat launch ticket machine	-	13,000	-	-	-	-	-	-	General opr	1,200
434	Helder Park	Constr open field practice area south of 104th entr	-	-	-	-	-	180,000	-	-	General opr	5,000
		Site lighting, trail lighting and field lighting upgrades	44,739	-	-	-	-	-	-	-	General opr	N/A
		Surveillance upgrades	5,133	-	-	-	-	-	-	-	General opr	N/A
		Softball fields backstop & sideline fencing extensions	-	50,000	-	-	-	-	-	-	General opr	N/A
435	Quincy Park	Surveillance upgrades	6,213	10,000	-	-	-	-	-	-	General opr	N/A
		Little League fields refurbished	-	35,000	-	-	-	-	-	-	General opr	3,000
		Community recreation center	-	-	-	-	13,000,000	-	-	-	General opr	400,000
		Add 3 adult softball fields, parking & site amenities	-	-	-	-	-	3,450,500	-	-	General opr	10,000
		Add 2 soccer fields, parking & site improvements	-	-	-	-	-	-	915,000	-	General opr	10,000
		East side restroom/concession building & utilities	-	-	-	-	-	-	412,000	-	General opr	5,000
		East side picnic shelter for soccer/playground area	-	-	-	-	-	-	113,000	-	General opr	500
		Construct lighting system for 2 east side soccer fields	-	-	-	-	-	-	-	401,000	General opr	500
		Replace softball fields (2) lighting poles, fixtures, wiring	-	-	-	-	-	-	-	332,000	General opr	500
472	Ind Park Cap Impr	Ind PK infrastructure impr/road resurfacing/drain impr	216,031	-	-	-	-	-	-	-	General opr/Fd Bal	N/A
	Total Capital Projects Funds		<u>1,312,095</u>	<u>3,219,900</u>	<u>6,637,600</u>	<u>1,567,600</u>	<u>13,174,500</u>	<u>3,798,600</u>	<u>1,534,300</u>	<u>890,100</u>		
	GRAND TOTALS		<u>\$ 2,833,194</u>	<u>\$ 5,540,200</u>	<u>\$ 9,378,300</u>	<u>\$ 4,331,400</u>	<u>\$ 15,283,400</u>	<u>\$ 6,276,600</u>	<u>\$ 3,936,000</u>	<u>\$ 3,293,800</u>		

HOLLAND CHARTER TOWNSHIP
Estimated Expenditures for Drain and Road Capital Projects
Dated: 3-21-18

	2016 Actual	2017 Actual	2018 Estimated	2019 Estimated	2020 Estimated	2021 Estimated	2022 Estimated	2023 Estimated	2024 Estimated
Drains*									
No. 18 Drain improvements (25%)	-	-	-	-	-	-	-	-	-
Pine Creek North Drain improvements (25%)	-	-	-	-	-	-	-	-	-
Van Raalte Drain improvements (25%)	-	19,000	-	-	-	-	-	-	-
No. 8 Drain improvements (25%)	-	-	-	-	-	-	-	-	-
No. 29 Drain improvements (25%)	-	-	-	-	-	-	-	-	-
Tulip Inter-County Drain impr (6.23%)	-	-	15,000	15,000	-	-	-	-	-
Future Drain impr projects (also see R&M expense #930)	-	-	40,000	40,000	45,000	45,000	45,000	45,000	45,000
Construction & project related engineering	-	-	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Totals for Drains Capital Projects	-	19,000	60,000	60,000	50,000	50,000	50,000	50,000	50,000
Roads**									
Traffic signals & pedestrian signals	-	-	-	-	-	-	-	-	-
Annual crack sealing and resurfacing projects by OCRC	956,634	1,223,835	1,690,000	1,650,000	1,700,000	1,750,000	1,800,000	1,850,000	1,900,000
Construction & project engineering	-	-	-	-	-	-	-	-	-
Totals for Roads Capital Projects	956,634	1,223,835	1,690,000	1,650,000	1,700,000	1,750,000	1,800,000	1,850,000	1,900,000
Totals for Drains & Roads Capital Projects	956,634	1,242,835	1,750,000	1,710,000	1,750,000	1,800,000	1,850,000	1,900,000	1,950,000
* Notations on Drain System R&M expenditures:									
- Repairs & maintenance (GL acct #930)	83,743	81,068	80,000	80,000	85,000	85,000	90,000	90,000	95,000
- Non-capital engineering cost for storm water system mapping and project adm/planning (GL acct #816)	1,001	1,652	5,000	5,000	5,000	5,000	5,000	5,000	5,000
- OCWRC costs for drain petitions & BODs to establish orphan drains as legal county drains (GL acct #820)	-	-	30,000	30,000	30,000	30,000	30,000	30,000	30,000
	84,744	82,720	115,000	115,000	120,000	120,000	125,000	125,000	130,000
** Notations on Road Resurfacing expenditures:									
- 2017 road resurfacing funding sources by Fund									
101 General Fund portion		1,007,804	1,690,000						
472 Ind Park Cap Impr Fund portion		216,031	-						
		1,223,835	1,690,000						

HOLLAND CHARTER TOWNSHIP
Multi-Year Bike Path Construction Plan
Dated: 3-23-18

Project Description	Estimated Construction Cost (Excluding Engineering)						
	2016	2017	2018	2019	2020	2021	2022+
Path system crossings, overlays & repairs	146,577	-	-	-	-	-	-
136th Ave, Riley to Great Northern Ln new extension (1,850')	-	98,536	-	-	-	-	-
Path system crossings, overlays & repairs	-	275,253	-	-	-	-	-
Felch St/Roosevelt sidewalk, 100th Ave to Jefferson St new south side extension (650')	-	-	50,000	-	-	-	-
Riley St, Noordelos Creek to 104th Ave overlay & repair (2,700')	-	-	35,000	-	-	-	-
Perry St, 104th Ave to 96th Ave (5,200')	-	-	67,000	-	-	-	-
Quincy St, Quincy Park driveway to 136th Ave (3,000')	-	-	39,000	-	-	-	-
104th Ave repair patch, north of Adams St	-	-	6,000	-	-	-	-
144th Ave bus stop area repair patch	-	-	15,000	-	-	-	-
Crack seal surfacing maintenance (18 miles)	-	-	18,000	-	-	-	-
BL196 & 112th intersection alignment changes/improvements (MDOT related project)	-	-	-	30,000	-	-	-
Quincy St, 136th to 120th (CMAQ grant \$464,000; HCT \$480,000; Total constr \$944,000)	-	-	-	480,000	-	-	-
Quincy St, 120th to 112th (no grant funds involved with this segment)	-	-	-	-	610,000	-	-
Roosevelt St, Roosevelt Elementary east to 96th Ave (1300' concrete walk ext on north side)	-	-	-	-	75,000	-	-
Overlays & repairs (7,500 lineal feet)	-	-	-	-	-	95,000	-
Overlays & repairs (7,500 lineal feet)	-	-	-	-	-	-	100,000
Additional 1' paved shoulder to expand from OCRC 3' width to 4' width (see Road budget)							
2017 - Quincy St, 136th Ave to 120th Ave (10560' at \$5.10/ft) \$53,714	-	-	-	-	-	-	-
2020 - Quincy St, 120th Ave to 104th Ave (10560' at \$6.15/ft) \$65,000	-	-	-	-	-	-	-
2021 - Quincy St, 104th Ave to 96th Ave (5280' at \$6.63/ft) \$35,000	-	-	-	-	-	-	-
Greenly St, 120th Ave to 112th Ave (5450' extension)	-	-	-	-	-	-	230,000
US-31 Pedestrian Crossings and System Interconnect Extensions							
Felch St, Beeline to Westshore Dr (north side)	-	-	-	-	-	-	TBD
James St, Beeline to 120th Ave (south side)	-	-	-	-	-	-	TBD
Riley St, Beeline to Westshore Dr (south side)	-	-	-	-	-	-	TBD
Estimated Construction Cost	146,577	373,789	230,000	510,000	685,000	95,000	330,000
Estimated Engineering Cost (15%)	18,536	34,052	35,000	77,000	102,500	14,500	49,500
Addtl Eng Cost for CMAQ Funded Portion of Project (15%)	-	-	-	70,000	-	-	-
Estimated Construction Contingency (10%)	-	-	23,000	51,000	68,500	9,500	33,000
Est Constr Contingency on CMAQ grant portion (10%)	-	-	-	45,000	-	-	-
Estimated Project Cost	165,113	407,841	288,000	753,000	856,000	119,000	412,500

Notations:

1. Periodic overlays/reconstruction of existing bike paths are estimated at a cost of \$10-\$12 per lineal foot.
2. O & M, Contractural Services, and other expenditures are in the range of \$125,000 to \$150,000 per year.
3. Project listed for 2022+ assume estimated costs for the year 2022

HOLLAND CHARTER TOWNSHIP
 Equipment and Vehicles Replacement Schedule for Building Dept, Recreation and Property Maintenance
 Dated: 1-31-18

VIN	Description	User Dept	User	Acq Year	Est Life	Repl Year	Acquired Cost	Current Repl	Retire Repl	Funding Allocations
4371	2016 Ford Fusion S	Building	Tim	2016	3	2019	18,008	18,750	20,300	249-380 100%
4368	2016 Ford Fusion S	Building	Randy J	2016	3	2019	18,008	18,750	20,300	249-380 100%
4370	2016 Ford Fusion S	Electrical	Dan	2016	3	2019	18,008	18,750	20,300	249-382 100%
4372	2016 Ford Fusion S	Prop Maint	Randy P	2016	3	2019	18,008	18,750	20,300	101-410 100%
4373	2016 Ford Fusion S	Recreation	Darrin	2016	3	2019	18,008	18,750	20,300	211-755 100%
4369	2016 Ford Fusion S	Plumbing/Mech	Rob	2016	3	2019	18,008	18,750	20,300	249-384/385 50% each
							<u>108,048</u>	<u>112,500</u>	<u>121,800</u>	
	2019 Ford Fusion S	Building	Tim	2019	3	2022	20,300	20,300	25,700	249-380 100%
	2019 Ford Fusion S	Building	Randy J	2019	3	2022	20,300	20,300	25,700	249-380 100%
	2019 Ford Fusion S	Electrical	Dan	2019	3	2022	20,300	20,300	25,700	249-382 100%
	2019 Ford Fusion S	Prop Maint	Randy P	2019	3	2022	20,300	20,300	25,700	101-410 100%
	2019 Ford Fusion S	Recreation	Darrin	2019	3	2022	20,300	20,300	25,700	211-755 100%
	2019 Ford Fusion S	Plumbing/Mech	Rob	2019	3	2022	20,300	20,300	25,700	249-384/385 50% each
							<u>121,800</u>	<u>121,800</u>	<u>154,200</u>	
								2019	2022	
							101-410	20,300	25,700	
							249-380	40,600	51,400	
							249-382	20,300	25,700	
							249-384	10,150	12,850	
							249-385	10,150	12,850	
							211-755	20,300	25,700	
								<u>121,800</u>	<u>154,200</u>	

General Notations:

Replacement schedule for cars was geared toward a three year replacement while the car is still under factory warranty. We will sell them ourselves after three years at or near original cost based on 21,000 miles or less on each vehicle.

HOLLAND CHARTER TOWNSHIP
Fixed Asset Replacement Schedule for Bike Paths, Parks and Recreation Functions
Equipment with Replacement Cost Greater Than \$10,000
5-16-18

Description	Acq Year	Est Life	Repl Year	Acquired Cost	Current Repl (New)	Retirement Repl (New) at 3%/yr	Notations
1998 Toro slit seeder	1998	22	2020	4,615	9,500	10,100	
1997 used Caterpillar fork lift	2002	17	2019	5,500	10,100	10,400	Replacement cost assumes acquisition of used fork lift
2009 Kubota diesel 4WD tractor/bucket/backhoe	2009	10	2019	33,000	63,100	65,000	Replace tractor, loader, backhoe & add snow blower attachment
2012 JAC Turf Truckmaster w/box & top dresser	2012	10	2022	23,955	28,600	32,200	
2013 Ford 3/4 ton 4WD pickup w/plow	2013	7	2020	27,071	33,600	35,600	
2013 John Deere 4320 Tractor w/ bucket	2013	10	2023	29,990	34,800	40,300	
2013 Frontier 12' 6" tow behind mower	2013	10	2023	12,459	14,500	16,800	
2014 Cushman electric utility vehicle	2014	5	2019	9,100	-	-	Trade-in early & replace with gas utility vehicle <\$10k
2014 Exmark 60" zero turn mower	2014	5	2019	9,519	11,650	12,000	Replace with a 72" zero turn mower
2014 Toro SR70 Pro Core turf aerator	2014	10	2024	19,122	21,500	25,700	
2014 Pioneer BS5500 athletic field striper	2014	6	2020	9,480	10,650	11,300	
2015 Trackless MT6 tractor w/attach	* 2015	10	2025	129,991	142,050	174,700	Add sweeper on replacement
2015 GMC 3/4 ton 4WD pickup w/plow	2015	5	2020	32,909	36,000	38,200	
2015 Toro 6000 60" zero turn mower	2015	5	2020	8,584	10,650	11,300	
2015 Toro 6000 60" zero turn mower	2015	5	2020	8,584	10,650	11,300	
2015 Toro 6000 60" zero turn mower	2015	6	2021	8,584	10,650	11,600	
2016 Chevy 3/4 ton 4WD pickup w/plow	2016	5	2021	34,400	35,400	38,700	
2016 Toro 4000D 11' wide mower	2016	5	2021	55,842	57,600	62,900	
2016 Sprayer w/ trailer	2016	5	2021	9,907	10,300	11,300	
2017 Exmark 60" zero turn mower	2017	5	2022	9,919	10,300	11,600	
2018 Exmark 72' zero turn mower	2018	5	2023	11,359	11,400	13,200	
2018 Exmark 72' zero turn mower	2018	5	2023	11,359	11,400	13,200	
2018 Dodge 3/4 ton 4WD pick up w/ plow	2018	5	2023	33,613	33,613	39,000	
2018 John Deere Bunker Rake (sandpro)	2018	5	2023	15,700	15,700	18,200	
2018 Bobcat Toolcat w/ attachments	* 2018	6	2024	65,270	65,300	78,000	
2018 Ventek Boat Launch ticket kiosk	2018	7	2025	10,000	10,000	12,300	
2019 72" zero turn mower	2019			-	11,650	12,000	Adding an additional mower
Totals				<u>629,832</u>	<u>720,663</u>	<u>816,900</u>	

* Bikepath millage funded

Summary of Projected Replacement Costs by Year:

	Parks	Bike Paths
2018	82,031	65,270
2019	99,400	-
2020	117,800	-
2021	124,500	-
2022	43,800	-
2023	140,700	-
2024	25,700	78,000
2025	12,300	174,700

HOLLAND CHARTER TOWNSHIP
Fixed Asset Acquisition & Replacement Schedule for Fire Department Operations
Dated: 5-2-18

Description	Eng. No.	Acq Year	Est Life	Repl Year	Acquired Cost Plus Impr	Current Repl	Future Acq or Retire Repl
2004 Pierce Aerial Pumper	1241	2004	16	2020	560,000	1,023,000	1,106,000
2005 Pierce Heavy Duty Rescue Truck	1272	2005	13	2018	452,808	800,000	800,000
2008 Ford F-350 Brush Truck	1281	2008	20	2028	63,983	96,200	142,000
2010 Pierce 100' Aerial Platform (demo)	1242	2012	25	2037	912,522	1,264,300	2,664,000
2012 Pierce Pumper	1223	2012	20	2032	550,832	731,100	1,266,000
2015 Pierce Pumper	1221	2015	20	2035	588,861	731,100	1,424,000
2018 Pierce Pumper	1224	2017	20	2037	667,928	731,100	1,540,000
2018 Pierce Pumper	1222	2017	20	2037	660,428	731,100	1,540,000
Subtotal of Fire & Rescue Trucks					<u>4,457,362</u>	<u>6,107,900</u>	<u>10,482,000</u>
4.0%/Yr							
Replace ISI SCBA Air Packs (36)		2010	10	2020	164,445	208,884	221,600
1 Dual Band Radio on #1272 (80% Grant funded acq; repl 100%)	*	2010	10	2020	6,200	7,900	8,400
4 Dual Band VHF/800 Radios (80% Grant funded)	*	2010	10	2020	18,130	23,850	25,300
5 Portable MT1500 Radios (90% Grant funded)	*	2010	10	2020	6,500	8,100	8,600
6 Radios (partial grant funded)	*	2011	10	2021	5,270	12,975	14,200
10 Radios MT 1500	*	2011	10	2021	12,855	15,900	17,400
7 Radios PM 1500	*	2011	10	2021	10,532	13,000	14,200
12 MT-1500 radios; 8 V minitors	*	2012	10	2022	18,432	22,300	25,100
Turnout Gear (11 sets, excluding bunker boots)		2011	10	2021	19,450	24,050	26,300
Leather Bunker Boots (35 pairs)		2016	5	2021	9,840	10,300	11,300
Turnout Gear (15 sets)		2012	10	2022	24,990	27,700	31,200
Turnout Gear (15 sets)		2013	10	2023	23,640	27,700	32,100
Turnout Gear (40 helmts, partial coats & pants)		2014	10	2024	16,263	18,300	21,900
2014 Addition of 2 Thermal Imager Cameras (#1242 & 1272 trucks)		2014	7	2021	21,400	24,100	26,300
2011 Bullard T4 Blue Thermal Imager Camera		2011	7	2018	11,295	13,400	13,400
2012 T4 Thermal Imager Camera		2012	7	2019	11,545	13,400	13,800
2013 Bullard T4N Thermal Imager Camera		2013	7	2020	11,795	13,400	14,300
2012 Defibrillators LP1000 AED (4)		2012	7	2019	9,345	11,200	11,600
2013 LifePak 1000 AED on fire trucks (5)		2013	7	2020	10,505	12,350	13,100
Power unit for extrication tools		2016	10	2026	13,700	14,100	17,900
2011 Genesis Extrication Tools (spreader, cutter, combi tools) St. 2		2011	10	2021	18,255	22,700	24,800
2014 Genesis Extrication Tools (2 sets of power unit, spreader, cutter) St. 2		2014	10	2024	47,058	52,900	63,200
50 Fire pagers		2016	7	2023	18,600	19,150	22,200
Air Compressor (to fill MSA cylinders)		2016	10	2026	50,422	51,950	65,800
Extrication Tools for St. 1 & 3		2018	10	2028	59,500	59,500	80,000
Subtotal of Rescue & Other Equipment					<u>619,967</u>	<u>729,109</u>	<u>744,000</u>
					<u>5,077,329</u>	<u>6,837,009</u>	<u>11,226,000</u>

Note: 1997 Pierce Pumper #1225 is a reserve truck at Station No. 3. Upon purchase of a new pumper, the replaced vehicle is kept as a backup unit.

* We are awaiting new radios paid for by Ottawa County between 2018-2019 fiscal years.

**HOLLAND CHARTER TOWNSHIP
MULTI-YEAR PROJECTION OF FIRE EQUIPMENT REPLACEMENT
CAPITAL PROJECTS FUND 402**

5-2-18

Fiscal Year	Fund Balance Jan 1	Other	Interest	Gen Fund Contr.	Capital Outlay	Fund Balance Dec 31
2009	1,399,404	0	54,766	210,000	0	1,664,170
2010	1,664,170	20,291	63,595	720,000	(189,808)	2,278,248
2011	2,278,248	2,520	70,054	330,000	(86,345)	2,594,477
2012	2,594,477	0	13,425	700,000	(1,533,426)	1,774,476
2013	1,774,476	29,400	(32,645)	600,000	(47,263)	2,323,968
2014	2,323,968	107,000	73,817	500,000	(678,397)	2,326,388
2015	2,326,388	0	28,569	400,000	(29,428)	2,725,529
2016	2,725,529	0	41,643	400,000	(1,418,791)	1,748,381
2017	1,748,381	0	27,272	410,000	(19,050)	2,166,603
2018	2,166,603	135,350	10,000	420,000	(872,900)	1,859,053
2019	1,859,053	0	45,300	431,000	(25,400)	2,309,953
2020	2,309,953	0	27,100	442,000	(1,397,300)	1,381,753
2021	1,381,753	0	34,000	453,000	(134,500)	1,734,253
2022	1,734,253	0	64,500	471,000	(56,300)	2,213,453
2023	2,213,453	0	79,300	483,000	(54,300)	2,721,453
2024	2,721,453	0	93,900	495,000	(85,100)	3,225,253
2025	3,225,253	0	111,500	507,000	(16,500)	3,827,253
2026	3,827,253	0	126,600	520,000	(128,700)	4,345,153
2027	4,345,153	0	145,300	533,000	(34,100)	4,989,353
2028	4,989,353	0	158,400	546,000	(254,300)	5,439,453
2029	5,439,453	0	180,000	560,000	0	6,179,453
2030	6,179,453	0	191,100	574,000	(382,100)	6,562,453
2031	6,562,453	0	170,100	588,000	(1,479,200)	5,841,353
2032	5,841,353	0	152,400	603,000	(1,365,200)	5,231,553
2033	5,231,553	0	173,000	618,000	(84,100)	5,938,453
2034	5,938,453	0	191,900	633,000	(174,200)	6,589,153
2035	6,589,153	0	173,200	649,000	(1,463,700)	5,947,653
2036	5,947,653	0	194,500	665,000	(130,700)	6,676,453
2037	6,676,453	0	47,400	682,000	(5,777,600)	1,628,253

Interest earning factor used

2.00%

General Fund contr factor used for 2017 and beyond

1.0250

Notation: Capital outlay reflects replacement of existing vehicles only and does not assume purchase of additional vehicles. This level of funding provides only limited resources for additional equipment.

HOLLAND CHARTER TOWNSHIP
Schedule of Asset Acquisition and Replacement by Fiscal Year
Fire Department Operations
5/2/2018

Replacement Fiscal Year	Original Acquisition Year	Description	Eng No.	Estimated Cost in Year of Purchase
2018	2011	Replace thermal imager camera		13,400
2018	2005	Replace heavy duty rescue truck		800,000
2018	2018	Purchase extrication tools for St. 1 & 3		59,500
2019	2012	Replace thermal imager camera		13,800
2019	2012	Replace 4 AEDs		11,600
2020	2010	Replace 36 sets of SCBA equipment		221,600
2020	2013	Replace thermal imager camera		14,300
2020	2010	Replace 10 radios		42,300
2020	2013	Replace 5 AEDs		13,100
2020	2004	Replace aerial pumper	1241	1,106,000
2021	2014	Replace 2 thermal imager cameras		26,300
2021	2011	Replace Genesis extrication tools		24,800
2021	2011	Replace 11 turnout gear sets		26,300
2021	2011	Replace 1/2 of radios		45,800
2021	2016	Replace leather bunker boots (35 pairs)		11,300
2022	2012	Replace 15 turnout gear sets		31,200
2022	2012	Replace 1/4 of radios		25,100
2023	2013	Replace 15 turnout gear sets		32,100
2023	2016	Replace 50 fire pagers		22,200
2024	2014	Replace 15 turnout gear sets		21,900
2024	2014	Replace Genesis extrication tools		63,200
2025	2018	Replace thermal imager camera		16,500
2026	2019	Replace 4 AEDs		14,400
2026	2019	Replace thermal imager camera		17,000
2026	2021	Replace leather bunker boots (35 pairs)		13,600
2026	2016	Replace power unit for extrication tools		17,900
2026	2016	Replace air compressor (to fill MSA cylinders)		65,800
2027	2019	Replace thermal imager camera		18,000
2027	2020	Replace 5 AEDs		16,100
2028	2008	Replace brush truck	1281	142,000
2028	2021	Replace 2 thermal imager cameras		32,300
2028	2018	Replace extrication tools St. 1 & 3		80,000
2030	2020	Replace 36 sets of SCBA equipment		297,700
2030	2020	Replace 10 radios		56,900
2030	2023	Replace 50 fire pagers		27,500

2031	2018	Replace heavy duty rescue truck	1272	1,333,000
2031	2021	Replace 1/2 of radios		61,600
2031	2021	Replace 11 turnout gear sets		35,400
2031	2021	Replace Genesis extrication tools		33,400
2031	2026	Replace leather bunker boots (35 pairs)		15,800
2032	2012	Replace pumper truck	1223	1,266,000
2032	2022	Replace 15 turnout gear sets		44,700
2032	2022	Replace 1/4 of radios		33,700
2032	2025	Replace thermal imager camera		20,800
2033	2023	Replace 15 turnout gear sets		45,200
2033	2026	Replace 4 AEDs		17,500
2033	2026	Replace thermal imager camera		21,400
2034	2024	Replace 15 turnout gear sets		47,500
2034	2027	Replace thermal imager camera		22,000
2034	2027	Replace 5 AEDs		19,800
2034	2024	Replace Genesis extrication tools		84,900
2035	2028	Replace 2 thermal imager cameras		39,700
2035	2015	Replace pumper truck	1221	1,424,000
2036	2026	Replace power unit for extrication tools		24,000
2036	2031	Replace leather bunker boots (35 pairs)		18,300
2036	2026	Replace air compressor (to fill MSA cylinders)		88,400
2037	2017	Replace pumper truck	1222	1,540,000
2037	2017	Replace pumper truck	1224	1,540,000
2037	2012	Replace aerial truck	1242	2,664,000
2037	2030	Replace 50 fire pagers		33,600
Total Estimated Costs				13,916,200

HOLLAND CHARTER TOWNSHIP
2019 - 2024 CAPITAL IMPROVEMENT PLAN (CIP)
 Enterprise Funds
 Dated: 6-17-18

Fund	Function	Description	Actual	Budget or	Estimated Expenditures						Total
			2017	Estimated 2018	2019	2020	2021	2022	2023	2024	Estimated 2019-2024
590	Sewer Operating	Vehicle/equipment acq & repl	\$ 23,686	\$ 442,600	\$ 21,300	\$ 232,500	\$ 189,900	\$ 80,400	\$ 55,800	\$ 29,000	\$ 608,900
		Annual collection system impr	-	20,000	20,000	20,000	20,000	20,000	20,000	20,000	120,000
		Computer equip/system upgrades:									
		Hardware - server, PCs, printers	4,398	10,000	17,000	10,000	10,000	10,000	10,000	10,000	67,000
		Annual system maint & upgrades	-	5,000	5,000	5,000	5,000	5,000	5,000	5,000	30,000
		GIS system (utility functions)	4,475	10,000	10,000	10,000	10,000	10,000	10,000	10,000	60,000
		GPS	-	-	5,000	-	5,000	-	-	-	10,000
		Scada Radio upgrade	-	-	140,000	-	-	-	-	-	140,000
		Birch Street Property/fencing	70,271	10,000	-	-	-	-	-	-	-
		Roof replacements	-	-	65,000	-	-	-	-	-	65,000
		HVAC replacements	-	-	-	18,000	-	3,650	-	-	21,650
		Maint Bldg tile/carpet/LED lighting	24,405	-	-	-	-	-	-	-	-
		Standby electric generators for lift stations	-	-	83,200	-	94,000	-	101,000	-	278,200
		System impr projects per detail schedule	1,797,417	229,915	1,679,990	2,135,146	2,033,192	700,453	1,365,693	75,919	7,990,393
		Zeeland WWTP wholesale capacity acq (25%)	354,664	-	-	-	-	-	-	-	-
		Holland WWTP - addtl capacity acq (25%)	716,303	-	-	-	-	-	-	-	-
		Holland WWTP - improvement projects	173,654	150,000	-	-	-	-	-	-	-
		Total Sewer Opr - Consolidated System Fund	3,169,273	877,515	2,046,490	2,430,646	2,367,092	829,503	1,567,493	149,919	9,391,143
591	Water Operating	Vehicle/equipment acq & repl	23,686	86,700	73,100	-	77,400	72,700	27,900	29,000	280,100
		Annual distr system impr	-	20,000	20,000	20,000	20,000	20,000	20,000	20,000	120,000
		Computer equip/system upgrades:									
		Hardware - server, PCs, printers	4,398	10,000	17,000	10,000	10,000	10,000	10,000	-	57,000
		Annual system maint & upgrades	-	5,000	5,000	5,000	5,000	5,000	5,000	-	25,000
		GIS system (utility functions)	4,475	10,000	10,000	10,000	10,000	10,000	10,000	-	50,000
		GPS	-	-	5,000	-	5,000	-	-	-	10,000
		Scada Radio upgrade	-	-	55,000	-	-	-	-	-	55,000
		Water meter reading system updgrade	-	-	-	30,000	10,000	10,000	-	-	50,000
		Birch Street Property/fencing	70,271	10,000	-	-	-	-	-	-	-
		Roof replacements	-	-	65,000	-	35,100	-	-	-	100,100
		HVAC replacements	-	-	-	18,000	-	3,650	-	-	21,650
		Maint Bldg tile/carpet/LED lighting	24,405	-	-	-	-	-	-	-	-
		System impr projects per detail schedule	217,235	4,412,500	2,190,240	1,391,830	2,350,966	1,876,629	2,785,071	134,440	10,729,176
		Total Water Opr - Consolidated System Fund	344,470	4,554,200	2,440,340	1,484,830	2,523,466	2,007,979	2,857,971	183,440	11,498,026
529	HCT W/S Constr	HCT water/sewer system extensions	-	20,000	20,000	20,000	20,000	20,000	20,000	20,000	120,000
		Zeeland WWTP wholesale capacity acq (75%)	1,063,992	-	-	-	-	-	-	-	-
		Holland WWTP - addtl capacity acq (75%)	2,148,910	-	-	-	-	-	-	-	-
		Sewer impr projects per detail schedule	1,254,876	-	1,283,116	-	1,864,462	8,660	1,110,196	-	4,266,434
		Water impr projects per detail schedule	-	-	97,500	-	-	99,233	-	-	196,733
		Total HCT W/S System Construction Fund	-	20,000	1,400,616	20,000	1,884,462	127,893	1,130,196	20,000	4,583,167
		Total Consolidated Sys Opr Funds & HCT Constr Fund	3,513,743	5,451,715	5,887,446	3,935,476	6,775,020	2,965,375	5,555,660	353,359	25,472,336
		Supplemental Information for Consolidated Sys Impr:									
		Park Twp Portion of Impr Projects (not included above):									
		Sewer impr projects per detail schedule	-	-	161,834	-	-	609,903	-	-	771,737
		Water impr projects per detail schedule	-	-	97,500	-	-	-	948,533	403,320	1,449,353
			-	-	259,334	-	-	609,903	948,533	403,320	2,221,090
		Zeeland Twp Portion of Impr Projects (not included above):									
		Sewer impr projects per detail schedule	-	-	-	2,135,146	-	-	-	-	2,135,146
		Water impr projects per detail schedule	-	-	-	-	-	-	-	-	-
			-	-	-	2,135,146	-	-	-	-	2,135,146

HOLLAND CHARTER TOWNSHIP
Equipment and Vehicles Replacement Schedule for Sewer and Water Operations
Dated: 4-16-18

VIN	Description	User Dept	User	Acq Year	Est Life	Repl Year	Acquired Cost	Current Repl	Retire Repl	Replacement Notations
Sewer Operations										
1883	2013 Ford 1/2 ton pickup	Sewer/Water	Parks	2013	7	2020	17,884	22,900	24,800	1/2 Ton
1884	2013 Ford 1/2 ton pickup	Sewer/Water	Parks	2013	7	2020	17,884	22,900	24,800	1/2 Ton
4019	2013 Ford 1 ton 4WD pickup w/box	Sewer	Scott B	2013	7	2020	33,350	45,000	48,700	1 Ton 4WD w/box + plow
4120	2014 Ford 1/2 ton pickup	Sewer/Water	Parks	2014	7	2021	18,348	22,900	25,800	1/2 Ton
4118	2014 Ford 1/2 ton pickup	Sewer/Water	Parks	2014	7	2021	18,348	22,900	25,800	1/2 Ton
9388	2009 Ford 3/4 ton 4WD pickup	Sewer/Water	Spare	2009	12	2021	25,207	32,900	37,000	3/4 Ton 4WD
2404	2015 GMC 1/2 ton pickup	Sewer	Jason	2015	7	2022	21,990	22,900	26,800	1/2 Ton
6331	2016 Chevy 1/2 ton pickup	Sewer	Chris	2016	7	2023	24,262	22,900	27,900	1/2 Ton
6544	2016 Chevy 1/2 ton pickup	Sewer	Clint	2016	7	2023	24,262	22,900	27,900	1/2 Ton
4787	2017 GMC 1/2 ton pickup	Sewer	Scott F	2017	7	2024	23,386	22,900	29,000	1/2 Ton
	2018 Dodge 1/2 ton pickup	Sewer	Aaron N	2018	7	2025	22,858	22,900	30,100	1/2 Ton
	2017 Vactor vacuum sewer cleaner	Sewer	All	2016	12	2028	410,510	443,950	657,100	
211	2009 Freightliner crane truck	Sewer/Water	All	2008	10	2018	107,953	200,700	200,700	
0221	Ingersoll-Rand air compressor	Sewer/Water	All	2004	15	2019	12,365	20,450	21,300	
	Portable 6" bypass sewer pump	Sewer	All	2007	15	2022	29,843	45,800	53,600	
	Sewer pipe video camera	Sewer	All	2018	10	2028	N/A	219,000	219,000	
8994	Standby generator w/switching	Sewer/Water	HCT	1997	23	2020	28,591	90,050	97,400	125KV 250HP diesel engine
3754	Standby generator w/switching	Sewer/Water	ZCT	1998	23	2021	N/A	90,050	101,300	125KV 250HP diesel engine
	Vehicle for easement areas	Sewer/Water	All	2020			N/A	34,000	36,800	
	Toyota Lift Truck	Sewer/Water	All	2016	20	2036	23,626	25,500	51,700	
Total Sewer Utility							860,667	1,453,500	1,767,500	
Water Operations										
4498	2012 GMC 1/2 ton pickup	Water	Parks	2012	7	2019	9,921	22,900	23,800	1/2 Ton
4197	2012 GMC 1/2 ton pickup	Water	Parks	2012	7	2019	11,421	22,900	23,800	1/2 Ton
1549	2013 Chevy cargo van	Water	Alan	2013	12	2025	20,324	24,550	32,300	Cargo van
4122	2014 Ford 1/2 ton pickup	Water	Parks	2014	7	2021	18,348	22,900	25,800	1/2 Ton
4121	2014 Ford 1/2 ton pickup	Water	Parks	2014	7	2021	18,348	22,900	25,800	1/2 Ton
4119	2014 Ford 1/2 ton pickup	Sewer/Water	Parks	2014	7	2021	18,348	22,900	25,800	1/2 Ton
4004	2010 GMC cargo van	Water	Safety	2010	9	2019	11,524	24,550	25,500	Cargo van
2105	2015 GMC 1/2 ton pickup	Water	Dennis	2015	7	2022	21,990	22,900	26,800	1/2 Ton
0066	2015 Ford 3/4 ton w/ utility box	Water	Jeff L	2015	7	2022	34,875	39,200	45,900	3/4 ton 4WD w/ box
6599	2016 Chevy 1/2 ton pickup	Water	Tom V	2016	7	2023	24,262	22,900	27,900	1/2 Ton
3737	2017 GMC 1/2 ton pickup	Water	Dave	2017	7	2024	23,386	22,900	29,000	1/2 Ton
	2018 Dodge 1/2 ton pickup	Water	Kyle	2018	7	2025	22,858	22,900	30,100	1/2 Ton
	2018 Dodge 1/2 ton pickup	Water	Aaron C	2018	7	2025	22,858	22,900	30,100	1/2 Ton
	2018 Dodge 1/2 ton pickup	Water	Aaron S	2018	7	2025	22,858	22,900	30,100	1/2 Ton
	Spin Doctor ERB Boom w/ trailer	Water		2014	15	2029	23,900	27,950	43,000	
0176	2016 International dump truck	Sewer/Water	All	2015	15	2030	110,293	124,300	199,000	
	2016 Caterpillar backhoe/loader	Sewer/Water	All	2016	7	2023	103,440	111,950	136,200	
6342	2018 Interstate Trailer (backhoe)	Water	All	2018	12	2030	18,000	18,000	28,800	
Total Water Utility							536,954	622,400	809,700	
Total Water and Sewer Operations							1,397,621	2,075,900	2,577,200	

General Notations:

Replacement schedule for pickup trucks assumes 15 trucks for Water/Sewer use & pass down of 9 trucks for parks/recre maintenance purposes. New trucks are purchased in Jan/Feb. Old trucks are traded in on new purchases or sold in late fall. Three 3/4 ton 4WD pickups for Parks & Grounds Dept are purchased and funded from General Fund.

HOLLAND CHARTER TOWNSHIP
2019 FISCAL BUDGET
6-YEAR CAPITAL IMPROVEMENT PLAN
FY2019-2024

Attachment A

**HOLLAND CHARTER TOWNSHIP
2019 - 2024 CAPITAL IMPROVEMENT PLAN
PROPOSED COST BREAKDOWN
WASTEWATER COLLECTION SYSTEM**

All %'s should be reviewed at time of project.

Prev Year	Year	Project	Park Township	Zeeland Charter Township	Holland Charter Township	Consolidated System	Total Estimated Project Cost
2018	2018	Pump Station No. 1 Improvements (rehab by Muffin Monster) Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 74,100 100.0%	\$ 74,100
2017	2018	Pump Station No. 1 Improvements (meter and wetwell) Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 125,050 100.0%	\$ 125,050
	2018	Wetwell/Manhole Repairs Project #: NA <i>Consolidated System Pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 30,765 100.0%	\$ 30,765
		Subtotal 2018	\$ -	\$ -	\$ -	\$ 229,915	\$ 229,915
2018	2019	Pump Station No. 16 Improvements (142nd Avenue and Ridgewood Drive) <i>Phase II</i> Project #: 2170181 <i>Consolidated System pays (inc. some PS #28 improvements - Macatawa Legends)</i>	\$ 161,834 5.6%	\$ - 0.0%	\$ 1,283,116 44.4%	\$ 1,444,950 50.0%	\$ 2,889,900
2019	2019	Wetwell/Manhole Repairs Project #: NA <i>Consolidated System Pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 156,000 100.0%	\$ 156,000
	2019	Pump Station No. 3 VFD Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 16,640 100.0%	\$ 16,640
	2019	Pump Station No. 15 VFDs Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 62,400 100.0%	\$ 62,400

Prev Year	Year	Project	Park Township	Zeeland Charter Township	Holland Charter Township	Consolidated System	Total Estimated Project Cost
		Subtotal 2019	\$ 161,834	\$ -	\$ 1,283,116	\$ 1,679,990	\$ 3,124,940
2020	2020	Pump Station No. 29 Impr. (84th and Adams) Project #: NA <i>See OCRC SIP - 2017, 2021</i> <i>Adds capacity (part of original bond issue)</i>	\$ - 0.0%	\$ 2,135,146 50.0%	\$ - 0.0%	\$ 2,135,146 50.0%	\$ 4,270,292
		Subtotal 2020	\$ -	\$ 2,135,146	\$ -	\$ 2,135,146	\$ 4,270,292
2020	2021	120th Avenue Relief Sewer Project #: NA <i>See OCRC SIP 2018/2020</i> <i>Adds capacity</i>	\$ - 0.0%	\$ - 0.0%	\$ 1,864,462 50.0%	\$ 1,864,462 50.0%	\$ 3,728,924
2021	2021	Wetwell/Manhole Repairs Project #: NA <i>Consolidated System Pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 168,730 100.0%	\$ 168,730
		Subtotal 2021	\$ -	\$ -	\$ 1,864,462	\$ 2,033,192	\$ 3,897,654
2022	2022	Pump Station No. 10 (Ottawa Beach Road W. of 160th Avenue) Project #: NA <i>Adds capacity</i>	\$ 309,281 50.0%	\$ - 0.0%	\$ - 0.0%	\$ 309,281 50.0%	\$ 618,563
2022	2022	Pump Station No. 9 (Ottawa Beach Road W. of 144th Avenue) Project #: NA <i>Adds capacity</i>	\$ 300,621 48.6%	\$ - 0.0%	\$ 8,660 1.4%	\$ 309,281 50.0%	\$ 618,563
	2022	Pump Station No. 31 VFDs Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 81,890 100.0%	\$ 81,890
		Subtotal 2022	\$ 609,903	\$ -	\$ 8,660	\$ 700,453	\$ 1,319,016
2023	2023	142nd, Michelle Ct., Westwood Lane Project #: NA <i>Adds capacity</i>	\$ - 0.0%	\$ - 0.0%	\$ 1,110,196 50.0%	\$ 1,110,196 50.0%	\$ 2,220,392

Prev Year	Year	Project	Park Township	Zeeland Charter Township	Holland Charter Township	Consolidated System	Total Estimated Project Cost
	2023	Wetwell/Manhole Repairs Project #: NA <i>Consolidated System Pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 182,498 100.0%	\$ 182,498
	2023	Pump Station No. 16 VFDs Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 72,999 100.0%	\$ 72,999
		Subtotal 2023	\$ -	\$ -	\$ 1,110,196	\$ 1,365,693	\$ 2,475,889
	2024	Pump Station No. 20 VFDs Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 75,919 100.0%	\$ 75,919
		Subtotal 2024	\$ -	\$ -	\$ -	\$ 75,919	\$ 75,919
		SUB-TOTAL 2019 - 2024	\$ 771,737	\$ 2,135,146	\$ 4,266,433	\$ 7,990,393	\$ 15,163,709
2024+	2025+	Pump Station No. 26 Improvements (Ransom St. and 128th Ave.) Project #: NA <i>Adds capacity</i>	\$ - 0.0%	\$ - 0.0%	\$ 1,164,600 50.0%	\$ 1,164,600 50.0%	\$ 2,329,199
2024+	2025+	Gordon Street Project #: NA <i>Scheduled resurface is 2016</i>	\$ - 0.0%	\$ - 0.0%	\$ 427,678 100.0%	\$ - 0.0%	\$ 427,678
2024+	2025+	Pump Station No. 27 Impr. (Helder Park) Project #: NA <i>Adds capacity</i>	\$ - 0.0%	\$ - 0.0%	\$ 1,811,874 50.0%	\$ 1,811,874 50.0%	\$ 3,623,747
2024+	2025+	River Avenue FM Replacement Project #: NA <i>System Reliability - Consolidated System Pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 1,550,332 100.0%	\$ 1,550,332
	2025+	Pump Station No. 1 VFDs (2025) Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 78,956 100.0%	\$ 78,956

Prev Year	Year	Project	Park Township	Zeeland Charter Township	Holland Charter Township	Consolidated System	Total Estimated Project Cost
	2025+	Pump Station No. 2 VFDs (2029) Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 118,434 100.0%	\$ 118,434
	2025+	Pump Station No. 17 VFDs (2030) Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 52,637 100.0%	\$ 52,637
	2025+	Pump Station No. 18 VFDs (2028) Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 52,637 100.0%	\$ 52,637
	2025+	Pump Station No. 21 VFDs (2030) Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 59,217 100.0%	\$ 59,217
	2025+	Pump Station No. 23 VFDs (2030) Project #: NA <i>Consolidated System pays</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 59,217 100.0%	\$ 59,217
		TOTAL 2025+	\$ -	\$ -	\$ 3,404,151	\$ 4,947,903	\$ 8,352,055
		TOTAL ALL PROJECTS	\$ 771,737	\$ 2,135,146	\$ 7,670,584	\$ 13,168,211	\$ 23,745,679

(Assumed annual inflation factor 4%)

**HOLLAND CHARTER TOWNSHIP
2019 - 2024 CAPITAL IMPROVEMENT PLAN
PROPOSED COST BREAKDOWN
WATER SUPPLY SYSTEM**

Prev Year	Year	Project	Park Township	Zeeland Charter Township	Holland Charter Township	Consolidated System	Total Estimated Project Cost*
2018	2018	Lakewood Blvd. WM Replmt. (Beeline Rd to Garden Ave) <i>See OCRC SIP - 2020</i> Project #: NA <i>Consolidated system pays for replacement</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 3,937,500 100.0%	\$ 3,937,500
	2018	Felch Street WM Replacement Project #: NA <i>Consolidated system pays for replacement</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 475,000 100.0%	\$ 475,000
		Subtotal 2018	\$ -	\$ -	\$ -	\$ 4,412,500	\$ 4,412,500
2018	2019	144th Ave. WM (North of James St.) (<i>See Water Reliability Study</i>) <i>See OCRC SIP 2019</i> Project #: NA <i>Consolidated system pays for oversizing. Needed for system reliability.</i>	\$ 97,500 37.5%	\$ - 0.0%	\$ 97,500 37.5%	\$ 65,000 25.0%	\$ 260,000
2019	2019	Repaint Chicago Drive Tank (exterior) Project #: NA <i>Consolidated system pays for maintenance</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 162,240 100.0%	\$ 162,240
2019	2019	Lakewood Blvd. WM Replmt. (River Ave to Beeline Rd) <i>See OCRC SIP - 2018/2020</i> Project #: NA <i>Consolidated system pays for replacement</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 1,963,000 100.0%	\$ 1,963,000
		Subtotal 2019	\$ 97,500	\$ -	\$ 97,500	\$ 2,190,240	\$ 2,385,240
2020	2020	Repaint Quincy and 104th Tank (interior) Project #: NA <i>Consolidated system pays for maintenance</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 140,608 100.0%	\$ 140,608
2020	2020	136th Avenue Meter Station WM Replacement Project #: NA <i>Consolidated system pays for replacement</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 218,294 100.0%	\$ 218,294

Prev Year	Year	Project	Park Township	Zeeland Charter Township	Holland Charter Township	Consolidated System	Total Estimated Project Cost*
2020	2020	River Ave WM Replmt. (136th Ave to Lakewood Blvd.) Project #: NA <i>Consolidated system pays for replacement</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 908,544 100.0%	\$ 908,544
	2020	Beaverdam Booster Station Impr (VFDs) Project #: NA <i>Consolidated system pays for replacement</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 124,384 100.0%	\$ 124,384
		Subtotal 2020	\$ -	\$ -	\$ -	\$ 1,391,830	\$ 1,391,830
2021	2021	Altitude Valves Project #: NA <i>Needed for system reliability.</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 438,697 100.0%	\$ 438,697
2021	2021	Lakewood Blvd. WM (Aniline Ave to River Ave) Project #: NA <i>See OCRC SIP 2022</i> <i>Consolidated system pays for replacement</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 1,912,269 100.0%	\$ 1,912,269
		Subtotal 2021	\$ -	\$ -	\$ -	\$ 2,350,966	\$ 2,350,966
2019	2022	Quincy Street WM (West of 112th Ave) Project #: NA <i>See OCRC SIP 2020</i> <i>Consolidated system pays for oversizing</i>	\$ - 0.0%	\$ - 0.0%	\$ 99,233 75.0%	\$ 33,078 25.0%	\$ 132,311
2022	2022	Perry Str WM Replacement (104th to 106th) Project #: NA <i>Consolidated system pays for replacement</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 537,404 100.0%	\$ 537,404
2022	2022	Aniline Avenue WM Project #: NA <i>Consolidated system pays for replacement</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 1,184,482 100.0%	\$ 1,184,482
2022	2022	Repaint Zeeland Chicago Drive Tank Project #: NA <i>Consolidated system pays for maintenance</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 121,665 100.0%	\$ 121,665
		Subtotal 2022	\$ -	\$ -	\$ 99,233	\$ 1,876,629	\$ 1,975,862
2023	2023	Ransom and 160th Loop Project #: NA <i>Consolidated system pays for oversizing</i>	\$ 948,533 54.0%	\$ - 0.0%	\$ - 0.0%	\$ 808,010 46.0%	\$ 1,756,543

Prev Year	Year	Project	Park Township	Zeeland Charter Township	Holland Charter Township	Consolidated System	Total Estimated Project Cost*
2023	2023	Low Pressure District Elev. Tank - Butternut and Quincy Project #: NA <i>Consolidated system pays for tanks</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 1,977,061 100.0%	\$ 1,977,061
		Subtotal 2023	\$ 948,533	\$ -	\$ -	\$ 2,785,071	\$ 3,733,604
2021	2024	Interconnect with City of Holland (152nd) Project #: NA <i>See OCRC SIP 2022</i> <i>Consolidated system pays for oversizing</i>	\$ 403,320 75.0%	\$ - 0.0%	\$ - 0.0%	\$ 134,440 25.0%	\$ 537,761
		Subtotal 2024	\$ 403,320	\$ -	\$ -	\$ 134,440	\$ 537,761
		SUB-TOTAL 2019 - 2024	\$ 1,449,353	\$ -	\$ 196,733	\$ 10,729,175	\$ 12,375,262
	2025+	Ransom Str. Booster Station Impr (VFDs) Project #: NA <i>Consolidated system pays for replacement</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 151,332 100.0%	\$ 151,332
2024+	2025+	New Holland WM (Railroad to Holland Ave) Project #: NA <i>Needed for system reliability.</i>	\$ - 0.0%	\$ - 0.0%	\$ 478,670 75.0%	\$ 159,557 25.0%	\$ 638,227
2024+	2025+	Quincy Street WM (Btnut to 144th Ave) Project #: NA <i>Consolidated system pays for oversizing.</i>	\$ 569,963 75.0%	\$ - 0.0%	\$ - 0.0%	\$ 189,988 25.0%	\$ 759,951
2024+	2025+	Ottogan Street WM (96th to 80th) Project #: NA <i>Consolidated system pays for oversizing.</i>	\$ - 0.0%	\$ 1,560,613 75.0%	\$ - 0.0%	\$ 520,204 25.0%	\$ 2,080,817
2024+	2025+	Beaverdam Elevated Storage Tank Project #: NA <i>Consolidated system pays for tanks</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 2,105,491 100.0%	\$ 2,105,491
2024+	2025+	Zeeland Air Park Drive Booster Station Project #: NA <i>Phase 1 of 4 Pending Contract Review</i>	\$ - 0.0%	\$ 765,543 26.0%	\$ - 0.0%	\$ 2,178,854 74.0%	\$ 2,944,397
2024+	2025+	Zeeland Air Park Drive Booster Station Project #: NA <i>Phase 2 of 4 Pending Contract Review</i>	\$ - 0.0%	\$ 1,899,877 75.0%	\$ - 0.0%	\$ 633,292 25.0%	\$ 2,533,169

Prev Year	Year	Project	Park Township	Zeeland Charter Township	Holland Charter Township	Consolidated System	Total Estimated Project Cost*
2024+	2025+	Zeeland Air Park Drive Booster Station Project #: NA <i>Phase 3 of 4 Pending Contract Review</i>	\$ - 0.0%	\$ 2,595,675 75.0%	\$ - 0.0%	\$ 865,225 25.0%	\$ 3,460,901
2024+	2025+	Zeeland Air Park Drive Booster Station Project #: NA <i>Phase 4 of 4 Pending Contract Review</i>	\$ - 0.0%	\$ - 0.0%	\$ - 0.0%	\$ 2,105,491 100.0%	\$ 2,105,491
2024+	2025+	Ransom, Quincy, 64th loop Project #: NA <i>(Needed for system reliability.)</i>	\$ - 0.0%	\$ 2,672,164 75.0%	\$ - 0.0%	\$ 890,721 25.0%	\$ 3,562,885
		TOTAL 2025+	\$ 569,963	\$ 9,493,872	\$ 478,670	\$ 9,800,155	\$ 20,342,660
		TOTAL ALL PROJECTS	\$ 2,019,316	\$ 9,493,872	\$ 675,403	\$ 24,941,830	\$ 37,130,422

**Does not include water services*

(Annual inflation factor 4%)

Additional notes:

- a. City of Wyoming Expansion -- third transmission main
- b. Review asbestos cement pipe (Douglas Ave -- River Ave to 144th)
- c. Water service replacement

**HOLLAND CHARTER TOWNSHIP
BUDGET PREPARATION SCHEDULE FOR
FISCAL YEAR 2019**

Action Date Budget Activity

6-Year CIP Plan for 2019-2024

Mar 1	Capital Improvement Plan project request forms distributed to departments
Apr 9	CIP project requests returned to Finance Director
May 1	Review proposed W/S CIP projects with PT & ZCT officials
Jun 1	Proposed 2019-2024 CIP presented to Board
Jul 19	Board approves preliminary CIP, as modified

2019 Annual Operating Budget

May 22	Distribute budget preparation information and guidelines to departmental staff
June 1-30	Departmental staff develops and inputs budget proposals and requests via BS&A budget development module
July 1- Aug 1	Proposed budget document compiled by Finance Director and reviewed for concurrence/adjustment by Manager
Aug 2-14	Proposed budget compiled for distribution
Aug 16	Proposed budget distributed to the Board
Sept 6	Hold budget work session with the Board to review proposed budget Schedule second budget work session if needed Board makes adjustments to proposed budget as desired Board sets date for public hearing on budget
Sept 20	Board holds budget hearing Board adopts Budget Appropriations Act and sets millage rates

File: Budget / Budget Preparation Schedule 2019

Dated: February 14, 2018

HOLLAND CHARTER TOWNSHIP

CAPITAL IMPROVEMENT PLAN

Adopted: June 17, 1993

Revised: February 14, 2012

1. Purpose.

The capital improvement plan addresses the long-range capital needs of the township beyond the current fiscal year. This plan is beneficial for several reasons.

- a. It addresses the requirements of the Uniform Budgeting and Accounting Act regarding the local unit's capital project planning responsibilities.
- b. It provides a useful financial planning tool to help disclose the current implications of future projects, such as the need to establish reserves, sinking funds, borrowing, or other means to finance such projects.
- c. The plan can provide coordination among projects to avoid duplication and ensure implementation at the desired time.
- d. The plan can help the township anticipate a project's impact on future operating budgets.

2. Responsibility.

The township superintendent (manager) and finance director shall be responsible for the development and updating of the township capital improvement plan. The capital improvement plan will be reviewed and updated annually prior to development of the township operating budget.

3. Scope.

The capital improvement plan shall address the long-range needs of the township regarding land, building, infrastructure and major equipment. The capital improvement plan shall identify and prioritize such capital needs of an estimated cost of \$10,000 or more, for the next six years beyond the current fiscal year.

4. Content.

Staff and elected officials may submit any suggested projects to be included in the capital improvement plan to the superintendent (manager) or the finance director, who will develop a capital improvement plan that includes the following information on each project:

- a. Estimated year the project will be commenced and completed.
- b. Estimated acquisition or construction cost of the project.
- c. Proposed method of financing the project.
- d. Estimated debt service requirements of the project.
- e. Estimated annual operating expenses after completion of the project.
- f. Proposed method of financing operating expenses of the project.
- g. Priority of the project.

5. Review and Approval.

Prior to the development of the annual budget for the ensuing fiscal year, the superintendent and assistant superintendent will present the proposed capital improvement plan to the township board for their approval as recommended or following any alterations it deems advisable. All staff and parties involved in the development of the annual budget shall address any implications of the capital improvement plan to the annual budget.