

East Goshen Township

2023-2027 Capital Improvement Program



TO BE PRESENTED TO THE BOARD OF SUPERVISORS ON NOVEMBER 15, 2022

2023-2027 Capital Improvement Program Summary



Expenses

Category	2023	2024	2025	2026	2027
Administration (Office, Buildings, Structures)	\$ 51,719	\$ 167,000	\$ 28,000	\$ 24,000	\$ 30,000
Public Works	\$ 833,000	\$ 259,000	\$ 392,000	\$ 562,000	\$ 200,000
Park	\$ 278,000	\$ 49,000	\$ -	\$ -	\$ -
Milltown Dam	\$ 2,563,170	\$ 1,670,900	\$ -	\$ -	\$ -
Hershey Mill Estates Sewer	\$ 488,847	\$ -	\$ -	\$ -	\$ -
Bow Tree Pond I	\$ 500,000	\$ -	\$ -	\$ -	\$ -
WG Sanitary Treatment Plant	\$ 573,704	\$ 68,217	\$ 12,503	\$ 35,478	\$ 49,039
Ridley Creek STP, Pump Stations, & Infrastructure	\$ 932,500	\$ 264,000	\$ 203,000	\$ 157,000	\$ 175,000
Total	\$ 6,220,939	\$ 2,478,117	\$ 635,503	\$ 778,478	\$ 454,039

Funding Source	2023	2024	2025	2026	2027
Capital Reserve Fund	\$ 2,448,001	\$ 1,030,900	\$ 420,000	\$ 586,000	\$ 230,000
Sewer Capital Reserve Fund	\$ 1,561,053	\$ 332,217	\$ 215,503	\$ 192,478	\$ 224,039
Grants	\$ 109,500	\$ 915,000	\$ -	\$ -	\$ -
Series 2017 Bonds	\$ 1,602,385	\$ 200,000	\$ -	\$ -	\$ -
Infrastructure Sustainability Fund	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Total	\$ 6,220,939	\$ 2,478,117	\$ 635,503	\$ 778,478	\$ 454,039

*** \$0 is included in the event the Paoli Pike Trail is completed. Staff would seek possible grant money available depending on what route would be taken in the trail's completion.

2023-2027 Capital Improvement Program

Administration/Office Capital Expenses



Category	2023	2024	2025	2026	2027
Computer Replacement	\$ 6,719	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Large Format Scanner/Printer		\$ 12,000			
Document Management Server		\$ 27,000			
Radio Booster	\$ 45,000				
Ceiling Heat/AC Units (3 units)				\$ 12,000	
Large Overhead Garage Doors		\$ 16,000	\$ 16,000		\$ 18,000
Township Building Windows		\$ 100,000			
Total	\$ 51,719	\$ 167,000	\$ 28,000	\$ 24,000	\$ 30,000
Category	2023	2024	2025	2026	2027
Capital Reserve Fund	\$ 51,719	\$ 167,000	\$ 28,000	\$ 24,000	\$ 30,000
Sewer Capital Reserve Fund					
Grants					
Series 2017 Bonds					
Infrastructure Sustainability Fund					
Total	\$ 51,719	\$ 167,000	\$ 28,000	\$ 24,000	\$ 30,000

Notes:

- 4 PC replacements in 2023
- Large format scanner/printer runs on Windows 2007 and is no longer supported. Existing asset purchased in 2012.
- Document management server will be 12 years old next year.
- Radio booster needed to comply with Township ordinance amendment, promoting public safety in event of serious emergency.

2023-2027 Capital Improvement Program

Public Works Expenses



Category	2023	2024	2025	2026	2027
Dump Truck	\$ 200,000	\$ 127,000	\$ 200,000	\$ 200,000	\$ 200,000
2 Chassis (utility body)	\$ 120,000				
Gator ATV			\$ 18,000		
Jetter/Vacuum	\$ 150,000				
Skid Steer w/ Attachments	\$ 125,000				
Ford Ranger or Escape Hybrid	\$ 45,000				
F350 Pickup w/ Plow	\$ 140,000	\$ 70,000	\$ 70,000		
2 Exmark Mowers	\$ 34,000		\$ 34,000	\$ 34,000	
2 Utility Trailers	\$ 16,000				
Drone	\$ 3,000				
Chipper				\$ 78,000	
Tractor/Mower		\$ 62,000	\$ 70,000		
Paver				\$ 250,000	
Total	\$ 833,000	\$ 259,000	\$ 392,000	\$ 562,000	\$ 200,000
Category	2023	2024	2025	2026	2027
Capital Reserve Fund	\$ 833,000	\$ 259,000	\$ 392,000	\$ 562,000	\$ 200,000
Sewer Capital Reserve Fund					
Grants					
Series 2017 Bonds					
Infrastructure Sustainability Fund					
Total	\$ 833,000	\$ 259,000	\$ 392,000	\$ 562,000	\$ 200,000

- Note that the Jetter has been deferred since 2020, due to the budget cuts.
- Availability of equipment and trucks dependent on market volatility and supply chain.

2023-2027 Capital Improvement Program



Park Expenses

Category	2023	2024	2025	2026	2027
Area Around Playground	\$ 3,000				
Milltown Pocket Park	\$ 150,000				
Veteran's Pavilion Area		\$ 24,000			
Misc. Mid-Term Improvements		\$ 25,000			
Tennis/Pickle Ball Court Upgrade	\$ 125,000				
Total	\$ 278,000	\$ 49,000	\$ -	\$ -	\$ -
Category	2023	2024	2025	2026	2027
Capital Reserve Fund	\$ 216,000	\$ 49,000	\$ -		
Sewer Capital Reserve Fund					
Grants	\$ 62,000				
Series 2017 Bonds					
Infrastructure Sustainability Fund					
Total	\$ 278,000	\$ 49,000	\$ -	\$ -	\$ -

- Area around playground projects include T-ball & volleyball area renovation and Wiffle Ball field.
- Milltown Pocket Park time frame and scope to be determined.
- Veteran’s Pavilion improvements include fixed chess tables, grill upgrades and stones course.
- Misc. mid-term improvements include tennis windscreens, bleachers, and baseball field bleachers.

2023-2027 Capital Improvement Program

Hershey's Mill Estates Sewer, Milltown Dam, & WG STP



Category	2023	2024	2025	2026	2027
Milltown Dam	\$ 2,563,170.00	\$ 1,670,900			
Hershey Mill Estates Sewer	\$ 488,846.72				
Bow Tree Pond I	\$ 500,000				
West Goshen Sanitary Treatment Plant Improvements (Including Westtown Way Pump Station)	\$ 573,703.74	\$ 68,217	\$ 12,503	\$ 35,478	\$ 49,039
Total	\$ 4,125,720.46	\$ 1,739,117	\$ 12,503	\$ 35,478	\$ 49,039

Category	2023	2024	2025	2026	2027
Capital Reserve Fund	\$ 1,347,283	\$ 555,900			
Sewer Capital Reserve Fund	\$ 676,053	\$ 68,217	\$ 12,503	\$ 35,478	\$ 49,039
Grants		\$ 915,000			
Series 2017 Bonds	\$ 1,602,385	\$ 200,000			
Infrastructure Sustainability Fund	\$ 500,000				
Total	\$ 4,125,720.46	\$ 1,739,117	\$ 12,503	\$ 35,478	\$ 49,039

Notes:

- Assumes that ½ of Milltown Mill Dam work occurs in 2023, ½ in 2024.
- Hershey's Mill Estates Sewer Rehabilitation starts in 2022.

2023-2027 Capital Improvement Program



Sewer Capital Maintenance (RC STP & Pump Stations) (Except West Goshen Upgrades & HM Estates)

Category	2023	2024	2025	2026	2027
Hunt Country/HM Lift Station Pump Replacement		\$ 20,000	\$ 20,000		
Hunt Country P/S Mag Meter		\$ 15,000			
Hunt Country P/S Muffin Monster		\$ 67,000			
Hunt Country P/S Bypass Pump		\$ 5,000			
Relining AC sewer lines and brick manholes	\$ 260,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000
Ridley Creek STP rebuild 2 SBR pumps	\$ 25,000				
Ridley Creek STP rebuild 2 Sludge pumps	\$ 10,000				
Ridley Creek STP New Media for filters	\$ 18,000				
Ridley Creek STP replace generator	\$ 225,000				
Ridley Creek STP Collection Flow Meter	\$ 24,000				
Ridley Creek STP Caustic Soda Project*	\$ 47,500				
Ridley Creek STP Filter Feed Pump**	\$ 18,000	\$ 18,000	\$ 26,000	\$ 18,000	\$ 18,000
Ridley Creek STP Blower Replacement	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
Ridley Creek STP UV System	\$ 150,000				
Chester Creek Coll manhole lining (Eastwick Circle) for 5 manholes	\$ 50,000				
Chester Creek Coll HM Pumpstation upgrade	\$ 78,000				
Chester Creek Coll Muffin Monster swap out	\$ 18,000		\$ 18,000		\$ 18,000
Total	\$ 932,500	\$ 264,000	\$ 203,000	\$ 157,000	\$ 175,000
Category	2023	2024	2025	2026	2027
Capital Reserve Fund					
Sewer Capital Reserve Fund	\$ 885,000	\$ 264,000	\$ 203,000	\$ 157,000	\$ 175,000
Grants	\$ 47,500				
Series 2017 Bonds					
Infrastructure Sustainability Fund					
Total	\$ 932,500	\$ 264,000	\$ 203,000	\$ 157,000	\$ 175,000

* DCED has awarded MA \$152,980 grant for Caustic Soda project.

** 2025 Filter Feed Pump is for centrifuge rebuild.

2023-2027 Capital Improvement Program



Sewer Capital Maintenance (RC STP & Pump Stations)

(Except West Goshen Upgrades & HM Estates)

Justification for New Assets

- **Relining brick manholes and asbestos cement sewer lines** was identified seven years ago as a long term maintenance priority for pre-mid-1970s sewer assets, which are at the end of their useful life.
- **New Ridley Creek collection system flow meter** will continue to allow us to measure I&I in that system and more effectively identify problems in the collection system.
- **Replacement RCSTP UV Disinfection System** replaces existing system at end of useful life which is difficult to get parts for and was damaged in 2021 storms.
- **Ridley Creek Caustic Soda project** would improve worker safety and efficiency at the plant. Currently, caustic soda is manually poured into tanks. The Municipal Authority has secured a DCED grant for \$152,980 to offset the cost of this project.