

East Goshen Township

2014-2018 Capital Improvement Program



2014-2018 Capital Improvement Program Summary

Category	2014	2015	2016	2017	2018
Administration (Office & Buildings)	\$538,000	\$12,500	\$12,500	\$12,500	\$12,500
Public Works	\$233,800*	\$217,000*	\$192,000*	\$254,000*	\$137,000*
Parks	\$35,730				
Total	\$807,530	\$229,500	\$204,500	\$266,500	\$149,500

* Includes \$12,000 annually to be paid from the Transportation Fund (Camera Light Video). Remaining assets to be paid from the Sinking Fund.



2014-2018 Capital Improvement Program

Administration/Office Capital Expenses

Category	2014	2015	2016	2017	2018
Computer replacement	\$15,000	\$12,500	\$12,500	\$12,500	\$12,500
Burster	\$5,000				
Total Administration/Office Capital	\$20,000	\$12,500	\$12,500	\$12,500	\$12,500
Administration/Office - PAYG	\$20,000	\$12,500	\$12,500	\$12,500	\$12,500
Administration/Office – Financed	-	-	-	-	-
NEW- Administration/Office	-	-	-	-	-
REPLACEMENT- Administration/Office	\$20,000	\$12,500	\$12,500	\$12,500	\$12,500

Justification:

- Continue 5-year replacement cycle for computers. In 2014, nine PC replacement are needed (up from the normal 6-7).
- The burster—for mass folding of utility bills & real estate bills—is 10-years old and has started to give us problems. Not replacing it may result in delays in bills going out.



2014-2018 Capital Improvement Program

Administration/Building & Structures Capital Expenses

Category	2014	2015	2016	2017	2018
Generator	\$50,000	-	-	-	-
Milltown Dam-Valves	\$40,000	-	-	-	-
Geothermal HVAC*	\$400,000	-	-	-	-
Township parking lot paving and curb replacement*	\$28,000	-	-	-	-
Total Administration/Bldg & Structures	\$518,000	-	-	-	-
Administration/Bldg & Structure – PAYG	\$518,000	-	-	-	-
Administration/Bldg & Structure – Financed	-	-	-	-	-
NEW- Administration/Bldg & Structure	\$295,000**	-	-	-	-
REPLACEMENT- Administration/Bldg & Structure	\$223,000**	-	-	-	-

* Assumes Geothermal & parking lot projects delayed until 2014

** Geothermal heat pumps are replacement assets, well is new

Justification:

- Milltown Dam valves are 60-years old & at risk of failing
- Geothermal HVAC system would break-even after 9 years due to reduced township building utility bills
- Township building lacks a generator in the event of an emergency.
- Township parking lot in need of facelift



2014-2018 Capital Improvement Program

Public Works Expenses

Category	2014	2015	2016	2017	2018
Dump Truck	\$130,000	\$130,000	-	\$70,000	-
Tractor		\$30,000			
Utility Truck Body	\$50,000	-	-	-	-
Pick-Up Truck		\$45,000	\$45,000	\$47,000	\$45,000
Brine System	\$18,000				
Vehicle Scanner	\$7,800				
Mini Camera	\$12,000				
Trailer	\$8,000		\$10,000		
Ex-Mark Mowers			\$25,000	\$25,000	\$25,000
Backhoe			\$100,000		
Preseeder	\$7,230				
Pipe Camera				\$100,000	
Traffic Light Video (Trans. Fund)	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
Skid Steer					\$55,000
Total Public Works	\$245,030	\$217,000	\$192,000	\$254,000	\$137,000
Total Sinking Fund	\$233,030	\$205,000	\$180,000	\$242,000	\$125,000
Total Transportation Fund	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000

2014-2018 Capital Improvement Program Public Works Expenses (Cont.)

Category	2014	2015	2016	2017	2018
Total Public Works Capital	\$245,030	\$217,000	\$192,000	\$254,000	\$137,000
Public Works Capital PAYG	\$245,030	\$217,000	\$192,000	\$254,000	\$137,000
Public Works Capital Financed	-	-	-	-	-
NEW- Public Works Capital	\$45,030	\$12,000	\$12,000	\$12,000	\$12,000
REPLACEMENT- Public Works Capital	\$200,000	\$205,000	\$180,000	\$242,000	\$125,000

Justification:

- Replacement assets replacing assets at end of useful life
- Preseeder replaces an existing preseeder, but it is not currently in the fixed asset replacement list
- **The Brine System**—We currently spend about 5 labor hours (5 trucks @ 1 hour each) per storm event waiting to get brine from W. Goshen. Including labor & vehicle costs, this equals \$350/storm event, not including the cost of the brine itself. Assuming 9-10 storm events per winter, this investment would break even in 5-6 years, and may allow East Goshen to sell brine to other organizations.
- **Vehicle diagnostic scanner**—We currently spend about \$200 per diagnostic test per vehicle at repair shops (\$130/test & \$70 for wasted time and vehicle costs). Moving this in-house may recoup costs within 1.5 years and may also result in more straight-forward repairs being done in-house instead of by repair shop.
- **Traffic Light Video**—As aging traffic loops lose effectiveness, we would replace them with traffic light video (to ensure traffic lights know when to turn green/red based on actual traffic volume at intersections). We would replace two intersections/year, starting at Rte 3 & Manley and Rte 3 & Westtown Way in 2014. **To be paid from non-impact fee Transportation Fund.**



2014-2018 Capital Improvement Program Parks Expenses

Category	2014	2015	2016	2017	2018
Fencing	\$13,500	-	-	-	-
Amphitheater	\$15,000	-	-	-	-
Total Parks Capital	\$28,500	-	-	-	-
Parks Capital PAYG	\$28,500	-	-	-	-
Parks Capital Financed	-	-	-	-	-
NEW- Parks Capital	\$15,000	-	-	-	-
REPLACEMENT- Parks capital	\$13,500	-	-	-	-

Justification:

- Fencing for dugout at Field A & Field B
- Electric, drainage & railing work to complete Amphitheater project



2014-2018 Capital Improvement Program

Sewer Expenses

(Sewer Sinking Fund & Municipal Authority)

Category	2014	2015	2016	2017	2018
8" Mounted Pump	\$24,000	-	-	-	-
Sewer Meters (CC interceptor)	\$16,000	-	-	-	-
Reservoir Road Diversion Project	\$75,000	1,525,000	-	-	-
UV Bulb for Ridley Creek	\$10,000	10,000	-	-	-
Media filters	\$10,000	10,000	-	-	-
Hunt County Pump Station	\$120,000				
Total Sewer Capital	\$255,000	\$1,545,000	-	-	-
Sewer Capital PAYG	\$180,000	\$20,000	-	-	-
Sewer Capital Financed	\$75,000	\$1,525,000	-	-	-
Municipal Authority	\$99,000	\$1,525,000	-	-	-
Sewer Sinking Fund	\$156,000	\$20,000	-	-	-



2014-2018 Capital Improvement Program

Sewer Expenses (Cont.)

(Sewer Sinking Fund & Municipal Authority)

Justification:

- Hunt County Pump Station will be 30 years old next year.
- Mounted Pump needed to as there is currently no back-up pump at Ridley Creek in the event of a failure to existing pumps
- Sewer Meters would replace existing Chester Creek interceptor meters (West Goshen pays 50% of cost)
- Reservoir Road diversion project reflects engineering costs in 2014 & construction costs in 2015 and will ultimately decrease flows to Chester Creek
- UV Bulbs—There are 2 banks of bulbs at Ridley Creek (each bank consisting of 25 bulbs) and are nearing the end of their useful life. It is proposed that one bank be replaced in 2014 and the other in 2015.
- Media Filters—There are two media filters at Ridley Creek nearing the end of their useful lives and it is proposed that one be replaced in 2014 and the other in 2015.

