



October 15, 2025

HARRIS TOWNSHIP

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MEMORANDUM

TO: Board of Supervisors
FROM: Mark Boeckel, AICP, Township Manager
DATE: October 15, 2025
RE: 2026-2030 Capital Improvement Program

Staff is pleased to present the Board of Supervisors with the 2026-2030 Capital Improvement Program (CIP). This Program is a financial planning tool that guides future decisions and improvements and helps the Board of Supervisors set priorities.

This plan includes the development, modernization, or replacement of physical infrastructure facilities. For a project to be defined as a capital project it must be nonrecurring, provide at least 5 years of benefit and be an addition to the Township's assets. Capital improvement projects are roads, utilities, technology improvements, and municipal facilities.

The Capital Improvement Program (CIP):

- Maintains integrity of capital infrastructure.
- Facilitates coordination between capital needs and the capital budget.
- Enhances the Township's control of its special projects and capital tax rate.
- Keeps the public informed about future needs and projects.
- Encourages careful project planning and design to avoid costly mistakes and help the Township reach desired goals.
- Focuses attention on Township objectives and funding requirements.
- Coordinates the activities of other government agencies to reduce or avoid duplication.

The Board of Supervisors held a work session this summer to discuss long-range plans for the Township, including capital improvements. Doing so each summer will allow for prioritization and cost estimates to be developed. Working within the Township's fiscal constraints, we have endeavored to include as many projects listed as possible within the 2026 budget while also planning for future years.

Project costs included within the CIP are best estimates based upon available information. Changes may be required to projects planned in future years, including cost and timing, depending upon funding and conditions.

Several projects are included in the 2026 operating budget, including East Drive Stormwater improvements, additional repairs to the Boalsburg Pike culvert, comprehensive sidewalk repairs

for Boalsburg, pathways and improvements for construction of an ADA pier at Tussey Pond Park, and improvements to the municipal building. Staff intend to prepare an improvement plan for the municipal offices in early 2026. Staff have applied for and will continue to apply for grants and identify other funding sources to help offset the cost of these projects.

Looking forward to 2027 and beyond, the Township will complete improvements to the sidewalk network in the Village, improvements to the municipal building, installation of ADA accessible fishing piers in Tussey Pond Park, and implementation of the Boal Avenue Needs Study.

If you have any questions about the CIP, please let me know.

2026 Capital Improvement Program				Budgeted Fund			
Infrastructure	Budgeted	General	Liquid Fuels	Special Projects	Other		
Tree Planting	\$6,000			\$6,000			
Stormwater Credit Maintenance	\$5,500			\$5,500			
East Drive Stormwater Project	\$15,000			\$15,000			
Boalsburg Pike Culvert Improvements	\$15,000			\$15,000			
Traffic Signal Maintenance	\$15,000		\$15,000				
Sidewalk Master Plan Implementation	\$100,000			\$100,000			
Municipal Building Improvements	\$20,000			\$20,000			
Roads - Overlay							
Outer Drive	\$80,000		\$80,000				
Roads - Slurry Seal							
Aspen Drive (portion)	\$40,000		\$40,000				
Parks and Rec							
Tussey Pond Park - Grant Match	\$15,000			\$15,000			
Country Place Park	\$10,000			\$10,000			
Total 2026 CIP	\$321,500	\$0	\$135,000	\$186,500			
General Fund	\$0						
Liquid Fuels	\$135,000						
Special Projects	\$186,500						

2027 Capital Improvement Program				Budgeted Fund			
Infrastructure		Budgeted		General	Liquid Fuels	Special Projects	Other
Tree Planting		\$6,000				\$6,000	
Stormwater Credit Maintenance		\$5,500				\$5,500	
Traffic Signal Maintenance		\$15,000			\$15,000		
Sidewalk Master Plan Implementation		\$75,000				\$75,000	
Boal Ave Needs Study		\$30,000		\$30,000			
Municipal Building Improvements		\$40,000				\$40,000	
Roads - Overlays							
Honeysuckle Drive		\$80,000			\$80,000		
Brookside Drive/East Drive/West Dr		\$99,100			\$99,100		
Roads - Slurry Seal		\$40,000			\$40,000		
Aspen Drive (portion)							
Parks and Rec							
Country Place		\$10,000				\$10,000	
Total 2027 CIP		\$400,600		\$30,000	\$234,100	\$136,500	
General Fund		\$30,000					
Liquid Fuels		\$234,100					
Special Projects		\$136,500					

2028 Capital Improvement Program				Budgeted Fund			
			Budgeted	General	Liquid Fuels	Special Projects	Other
Infrastructure							
Tree Planting			\$6,000			\$6,000	
Stormwater Credit Maintenance			\$5,500			\$5,500	
Traffic Signal Maintenance			\$15,000		\$15,000		
Streetlight Upgrades			\$15,000	\$15,000			
Boal Ave Needs Study			\$30,000	\$30,000			
IT Upgrades			\$20,000			\$20,000	
Roads - Overlay							
Montclair Lane			\$60,000		\$60,000		
Circle Drive			\$60,000		\$60,000		
Roads - Slurry Seal							
Pine Street			\$20,000		\$20,000		
Wagner Alley			\$20,000		\$20,000		
Parks and Rec							
Total 2028 CIP			\$251,500	\$45,000	\$175,000	\$31,500	
General Fund			\$45,000				
Liquid Fuels			\$175,000				
Special Projects			\$31,500				

2029 Capital Improvement Program				Budgeted Fund			
			Budgeted	General	Liquid Fuels	Special Projects	Other
Infrastructure							
Tree Planting			\$6,000			\$6,000	
Stormwater Credit Maintenance			\$5,500			\$5,500	
Traffic Signal Maintenance			\$15,000		\$15,000		
General Building Improvements			\$60,000			\$60,000	
Roads - Overlay							
West Main Street - SR 45 to Bridge			\$120,000		\$120,000		
Roads - Slurry Seal							
Parks and Rec							
Total 2029 CIP			\$206,500.00	\$0	\$135,000	\$71,500	\$0
General Fund			\$0				
Liquid Fuels			\$135,000				
Special Projects			\$71,500				
Other-Grants			\$0				
				6			

2030 Capital Improvement Program				Budgeted Fund			
Infrastructure		Budgeted		General	Liquid Fuels	Special Projects	Other
Tree Planting		\$6,000				\$6,000	
Stormwater Credit Maintenance		\$5,500				\$5,500	
Traffic Signal Maintenance		\$15,000			\$15,000		
Roads - Overlay							
Willowbrook Drive		\$150,000			\$150,000		
Roads - Slurry Seal							
Parks and Rec							
Total 2030 CIP		\$176,500.00		\$0	\$165,000	\$11,500	\$0
General Fund		\$0					
Liquid Fuels		\$165,000					
Special Projects		\$11,500					
Other-Grants		\$0					

Infrastructure and Traffic Signals

This category includes work to our facilities, traffic signals, tree related projects, stormwater projects and miscellaneous public work projects. These projects are projected to be paid for out of a variety of sources including the General Fund, Liquid Fuels Fund, and Special Projects Fund.

Tree Planting Money

\$6,000 from the Special Projects Fund will be utilized to support our annual tree planting. This amount was decreased from 2025, when a substantial number of dead trees were replaced in the Kaywood North Development.

Stormwater Projects

Under the Township's previous MS4 Permit, projects were completed that provide credits to meet requirements of the Pollutant Reduction Plan (PRP). These projects will have ongoing annual maintenance costs, which will be paid out of the Special Projects Fund.

In 2026, the Township will complete in-house stormwater upgrades along East Drive, including the installation of a swale to help alleviate flooding issues along that stretch of road. This project will be completed with \$15,000 from the Special Projects Fund.

Boalsburg Pike Bridge Maintenance Project

A 2021 bridge inspection report identified multiple improvements that will help extend the life of the bridge over Spring Creek. During the Boalsburg Pike paving project in 2024, a membrane was installed over the bridge deck to extend its life. The report also recommended the installation of scour protection and treatment of the original steel beams to protect the bridge piers and structure. While bridge replacement will likely be necessary within the next decade, these and other completed maintenance improvements could extend that timeframe and is recommended by the Township Engineering team. Scour protection and beam improvements are included in the 2026 budget to help protect the bridge abutments and steel structure. A total of \$15,000 is budgeted out of the Special Project Fund for this project.

Traffic Signal Maintenance

The Township owns six traffic signals. Money is budgeted yearly for routine maintenance on these signals. In addition to routine maintenance, Staff will be sent for specialized training to help with traffic signal operation and programming. Maintenance costs will be paid with Liquid Fuels funds.

Village Sidewalk Network Improvement Program

The existing sidewalk network within the Village of Boalsburg needs repair and previous funding levels did not allow for comprehensive improvements. The condition of existing sidewalks could create liability issues for the Township in the future, which makes their repair a high priority. In addition to repairing existing sidewalks, there may be opportunities to expand pedestrian amenities by capitalizing on missing links within the existing network. This could also improve the opportunity for grant funds.

In 2025, the Township was included in a Safe Streets for All Study that is being undertaken by the Centre County Metropolitan Planning Organization. This project includes a gap analysis that can help identify locations where pedestrian facilities should be considered. This information can be combined with sidewalk condition data to prepare a plan for improvements. Funding from the Special Projects fund will be utilized in 2026 and beyond to allow for implementation of the plan and to provide matching funds for grant opportunities.

FUTURE PROJECTS

Boal Avenue Needs Study

The Boal Avenue Needs Study was submitted to PennDOT in 2023 and aims to improve traffic safety throughout the Boal Avenue Corridor. Implementation can occur through cooperation with PennDOT projects as well as through grant funding opportunities. The Township already received new signal heads for the Boal Avenue/Church Street/Boalsburg Pike intersection. We continue to work with PennDOT to receive feedback on implementation of the study's recommendations. Grant matching funds of \$30,000 will be budgeted in 2027 and 2028 to begin implementing improvements identified in the needs study.

Historic Streetlight Fixture Upgrades

The historic streetlights in the Village utilize halogen fixtures, which use significantly more electricity than LED fixtures. Staff will explore grant funding opportunities to upgrade these streetlights to help reduce energy usage and extend the life of the fixtures. General fund revenues of \$15,000 are budgeted for these improvements in 2028.

Boalsburg Pike Bridge Replacement

During the 2024 Boalsburg Pike paving project, it was determined that the bridge decking for the bridge over Spring Creek was deteriorating. Coupled with issues identified in the 2021 Bridge Inspection Report, the Township will need to plan for a bridge replacement in a decade. This timeframe could be extended depending upon the success of interim maintenance and repairs. The Township will continue working with the Centre County MPO to identify potential funding opportunities to replace the bridge in the future.

Municipal Building Improvements

The Township Municipal Building is in need of maintenance and improvements that go beyond typical upkeep. This includes improvements to reduce energy costs, new windows in the meeting room, painting, A/V upgrades, etc. In 2026, Staff will begin working on an improvement plan for the municipal office building. Special Projects Funds for these upgrades have been budgeted in 2026, 2027, and 2029.

IT Improvements

The Township currently lacks any form of centralized server or cloud-based backup to allow for file storing and sharing amongst Township Staff. The majority of the Township's records are paper only, which could easily be lost should there be a fire or other disaster. This format also creates difficulties in retrieving records that have been archived. The Township should modernize its IT infrastructure and digitize records for perpetual storage. This IT modernization

will also improve the ability for Staff to share information digitally. Funds for these improvements are allocated in 2028.

Traffic Signals/Other Infrastructure	2026	2027	2028	2029	2030	Fund
Trees						
Tree Planting	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	SPF
Total Trees	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	
Stormwater Projects						
Stormwater Credit Maintenance	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	SPF
East Drive Stormwater Improvements	\$15,000					SPF
Total Stormwater	\$20,500	\$5,500	\$5,500	\$5,500	\$5,500	
Culverts						
Boalsburg Pike	\$15,000					SPF
Total Culverts	\$15,000	\$0	\$0	\$0	\$0	
Traffic Signals						
Routine Maintenance	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	LF
Total Traffic Signals	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	
Sidewalk Improvement Program						
Sidewalk Master Plan/Implementation	\$100,000	\$75,000				SPF
Streetlight Upgrades			\$15,000			GF
Total Improvement Program	\$100,000	\$75,000	\$15,000	\$0	\$0	
Boal Avenue Needs Study						
Grant Match		\$30,000	\$30,000			SPF
Boal Avenue Needs Study	\$0	\$30,000	\$30,000	\$0	\$0	
Municipal Building Improvements						
General Building Improvements	\$20,000	\$40,000		\$60,000		SPF
IT Upgrades			\$20,000			SPF
Municipal Building Improvements	\$20,000	\$40,000	\$20,000	\$60,000	\$0	
Total Traffic Signals/Infrastructure	\$176,500	\$171,500	\$91,500	\$86,500	\$26,500	

Roads

The Township's road maintenance improvement schedule is prioritized based on roadways that are in the greatest need of repair. When the opportunity exists, paving projects will also be aligned with infrastructure improvements of local authorities and State agencies. Staff utilized the 2022 Road Survey (attached) as a starting point for 2026 road improvements, visiting the worst ranked roadways to make adjustments as needed. An updated road survey will be conducted in 2026, using new criteria that will better determine long term maintenance needs. Decisions on which roads to overlay and which roads to slurry seal are made jointly by Maintenance Superintendent Don Addleman, Township Engineer Tibben Zerby, and the Township Manager.

Road maintenance projects identified in the CIP are primarily funded through Liquid Fuels Funds that are provided by the State. In 2026, the Township will receive \$201,959.54 in Liquid Fuels Funds, which will be used for CIP projects and other road maintenance needs. This amount has declined over the past two budget years, which is related to declining gas tax revenues at the State level.

In 2025, Outer Drive was overlayed from Harris Drive to a point approximately 400 linear feet west of East Hubler Road. Norwich Boulevard and approximately 1/3 of Aspen Drive were slurry sealed.

Staff recommend that the remainder of Outer Drive, from the termination of 2025 paving to the College Township line, be overlayed in 2026. Another 1/3 of Aspen Drive should be slurry sealed in 2026, with the remainder completed in 2027. These projects will be completed with Liquid Fuels funds.

Overlay/Paving Projects Schedule 2026 – 2030

- 2026: Outer Drive (\$80,000) – 400 feet west of East Hubler Road to Township line
- 2027: Honeysuckle Drive (\$80,000) - Overlay the entire length. This project will coincide with a Water Authority upgrade project.
Brookside Drive/East Drive/West Drive (\$99,100) – overlay the entire length
- 2028: Montclair Lane (\$60,000) – Overlay entire length
Circle Drive (\$60,000) – overlay the entire length
- 2029: West Main Street (\$120,000) – SR 45 to Blue Spring Bridge
- 2030: Willowbrook Drive (\$150,000) – Overlay entire length

Slurry Seal Projects Schedule 2026 – 2030

- 2026: Aspen Drive (one third of the road)

2027: Aspen Drive (final third of the road)

2028: Pine Street
Wagner Street

2029: To be determined based upon updated road survey

2030: To be determined based upon updated road survey

2022 Harris Township Road Survey

<u>Paved Roads</u>	<u>Score</u>	<u>Non-Paved Roads</u>	<u>Score</u>
South Church Street	80	Schempf Road	70
Boalsburg Pike (Boal to Kimport)	70	Houser Road	65
Outer Drive (Harris Drive to College Twp line)	65	Smith Road	60
Rosslyn Road (Ramsey Way heading north)	55	Mountain Road	40
West Main Street (45 to Wagner)	55	Sharer Road	35
Kay Street (Kaywood II Section)	55		
Brookside Drive	55		
Montclair Lane (Kay to Kathryn)	55		
West Crestview Avenue	50		
West Drive (Boal Avenue to Brookside Drive)	50		
Old Boalsburg Road (Boal Avenue to the turn)	50		
Fairfield Drive (Route 45 to Loop)	50		
East Drive	50		
Mary Elizabeth Street	45		
Homestead Lane (West Drive to cul de sac)	45		
Willowbrook Drive	45		
Torrey Lane (West Drive to End)	45		
Jacks Mills Drive (Centre Estates side)	40		
Circle Drive	40		
Kathryn Street (Ella to Monclair)	35		
Indian Hill Road	35		
Karmel Street (Montclair to Park)	35		
Honeysuckle Drive	30		
Laurel Meadows	30		
Kathryn Street (Montclair to End)	25		
S. Academy Street	25		
Memorial Place	25		
Roundhill Road	25		
Outer Drive (Fairfield)	24		
Lynnwood Drive	23		
Homestead Lane (Springfield Commons)	20		
	14		

[illegible]

Harris Township Road Survey

Date **Name** **Length** **Section Ending**

2022

CONDITION:

0 - No Defects

10 - High Defects

Alligator Cracking	0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10
Block Cracking	0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10
Long/Trans Cracking	0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10
Edge Cracking	0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10
Pothole/Patch	0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10
Raveling	0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10
Reflective Cracking	0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10
Roughness	0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10
Rutting	0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10
Drainage	0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10
Utility Cuts	0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10

COMMENTS:

RATING:

<u>Roads</u>		<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2029</u>	<u>Fund</u>
<u>Overlay</u>							
<u>2026</u>							
Outer Drive (Remainder to Township Li	65	\$80,000					LF
<u>2027</u>							
Honeysuckle Drive	30		\$80,000				LF
Brookside Drive/East Drive/West Drive	40		\$99,100				LF
<u>2028</u>							
Montclair Lane	55			\$60,000			LF
Circle Drive	40			\$60,000			LF
<u>2029</u>							
West Main Street	55				\$120,000		LF
<u>2030</u>							
Willowbrook Drive	45					\$150,000	LF
Total Overlays		\$80,000	\$179,100	\$120,000	\$120,000	\$150,000	

<u>Roads</u>		<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>Fund</u>
Slurry Seal							
<u>2026</u>		\$40,000					LF
Aspen Drive (portion)	20						
<u>2027</u>			\$40,000				LF
Aspen Drive (portion)	20						
<u>2028</u>				\$40,000			LF
Pine Street	5						
Wagner Street	4						
<u>2029</u>							LF
<u>2030</u>							LF
Total Slurry Seal		\$40,000	\$40,000	\$40,000	\$0	\$0	

Parks and Recreation

The Parks and Recreation Advisory Committee uses a combination of Township funds, fee in lieu contributions and grant dollars to complete upgrades to our parks. In 2021, the Parks and Recreation Advisory Committee took over responsibility for the Diamond, including the planters and the open space.

Each year, the Committee tours our parks and invite Centre Region Parks and Recreation staff to attend. Hazardous items, new projects and maintenance needs are identified. The Committee then uses this list as a guide for setting purchases for the year.

In 2025, the following improvements were made to Township parks:

- Township Maintenance Staff continued installing a walking path through Country Place Park to connect Honeysuckle Drive and Discovery Drive. This project began in 2024. The project will be completed either this year or in 2026.
- A new kiosk was installed in Yoder Preserve. A new map of the Preserve will be added to the kiosk before the end of the year.
- A Department of Conservation and Natural Resources C2P2 grant was applied for the construction of fishing piers in Tussey Pond Park.
- The Township obtained easements from Calvary Baptist Church for access and parking for Tussey Pond Park. These easements ensure perpetual access from the Harvest Fields property.
- The PA Fish and Boat Commission stocked Tussey Pond with trout earlier this spring
- Improvements were made to the pavilion at Kaywood Park to provide acceptable bat habitat and limit bat nesting above the picnic tables.
- The PA Fish and Boat Commission planted approximately 100 trees in Blue Spring Park to improve biodiversity and water quality.
- Two “little libraries” were donated to the Township for installation in our parks. The Parks Committee chose Kaywood and Nittany View Parks for the libraries. They will be installed before the end of the year.

The following projects will be completed over the next five years:

Tussey Pond: The Township accepted the deed of dedication for its newest park, Tussey Pond Park, in 2014. The park is located adjacent to the Harvest Fields property and contains a pond. Based upon a 2018 Master Plan, the Township will install pathways to access the pond from the nearby parking lot. An easement for access was obtained from Calvary Baptist Church in 2025.

In 2025, the Township applied for a Department of Conservation and Natural Resources C2P2 grant to construct two ADA accessible fishing piers and a pathway from the parking lot to the park. The 2026 budget includes \$15,000 in Special Projects Funds to provide a match for the submitted grant if awarded.

Country Place Park: The Township will install upgrades in Country Place Park in accordance with the 2018 master plan, including pathway installation and updated play equipment. Grant funding will be sought to offset the cost of improvements in the park. Money is budgeted in 2026 and 2027 to implement the master plan and install amenities in the park.

Kaywood Park: The Township conducted a survey of residents in 2022 to gauge what future amenities they would like developed in the park. The Committee expressed an interest in completing a plan for the park, which would include the additional land that was dedicated to the Township as part of the Kaywood North development. Staff contacted Penn State about possible collaboration in preparing a plan for the park. Depending upon the recommendations of the park plan, funding may be allocated in 2027.