

2021 Capital Budget

2021 - 2025 Capital Plan



2019 Fellowship Park Renovations

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Capital Improvement Plan

Overview

The Capital Improvement Plan (CIP) represents a multi-year schedule of major necessary improvement to the Township's physical property, including equipment and infrastructure. The following pages detail anticipated projects and their projected costs through the year 2025

Purpose

Montgomery Township created a CIP to proactively project future capital needs. This process offers several benefits to the Township:

1. Provides effective scheduling of projects and investments to minimize budget variability.
2. Allows for prioritizing of capital needs to ensure the most important projects are funded.
3. Illustrates financial effects of current expenditures on future projects.
4. Saves Township funds through replacing, repairing or upgrading infrastructure before maintenance or emergency repair costs escalate.
5. Protects resident safety by ensuring emergency vehicle reliability and removing safety hazards from Township infrastructure.

By looking ahead several years, the Township is able to anticipate upcoming capital needs and prioritize completion based on available funds. A key feature to having a comprehensive plan is the ability to view projects across all departments to determine how they fit into the Township's long-term goals. It also helps residents and staff understand the impact each project has on the plan as a whole. For example, increasing spending for a road improvement project may decrease available funds for improvements to our parks.

Proactively addressing capital needs can also save the Township money throughout the duration of the plan. By replacing vehicles we prevent sudden increases in vehicle maintenance and can prevent lost productivity if a vehicle breaks down while in use. Purchasing equipment for the Public Works Department to improve paving allows roads to be repaired faster while saving on hours of labor. In addition to financial benefits, capital planning improves quality of service and increases safety for residents. Repairing walking paths in parks increases the safety of the residents who use those facilities.

Capital Improvement Plan

Explanation

Explanation

Projects included in the CIP generally have a long life expectancy and high cost. In most cases, capital projects make physical improvements costing over \$5,000 that last for five or more years. Some projects involve one-time purchases, such as vehicle replacement, while others involve multi-year construction plans. Many CIP projects DO NOT add new costs to the Township's operating budget. Rather than creating new assets with their own staffing and maintenance costs, many projects are replacements or improvements to existing Township infrastructure and equipment. Several projects will save the Township on maintenance and repair costs. However, some projects bring new assets to the Township. First-time assets can add to operating costs which will be reflected in future operating budgets.

While projects require funds to complete and, in some cases, maintain, the Township takes careful consideration of how best to allocate our resources. Each department has a specific mission with objectives for future years so they prioritize projects in order to achieve their goals.

Projects in the current CIP include some that began in previous years. Each project is listed with a total project cost as well as the costs broken down by year within the plan. While capital improvements taking place in the current year are included in the current capital fund budget, future projects are subject to change as priorities and available funds may change over time. Each year, the Township will plan future capital needs. We will update the CIP with completed projects and projected expenditures extending five years from the current budget.

While the overall expenditures are important to consider, the Township also looks at capital needs by category. The projects on the following pages are totaled by department through 2025. They are also subsequently explained individually and separated into the following categories:

- Administrative
- Buildings and Grounds
- Information Technology
- Police Services
- Public Works
- Parks and Recreation
- Community Recreation Center
- Fire Protection

Capital Improvement Plan

Funding Overview

Funding Overview

Many capital projects are funded by transfers to the Capital Reserve Fund from the operating budget for the current year. Some projects are funded by state grants through agencies such as Pennsylvania Department of Conservation and Natural Resources (DCNR) and Pennsylvania Department of Community and Economic Development (DCED). Road funds are further supplemented by the state with revenue from the Liquid Fuels Tax, which the Township places into the Highway Aid Fund.

Estimated Available Funds for Capital Projects and Purchases

	2021	2022	2023	2024	2025
Beginning Balance 1/1	\$ 9,706,775	\$ 7,268,075	\$ 5,943,738	\$ 6,223,738	\$ 6,503,738
<i>Funding for Capital Improvements</i>	1,305,000	1,815,663	280,000	280,000	280,000
<i>Capital Improvement</i>	3,743,700	3,140,000	-	-	-
Ending Balance	\$ 7,268,075	\$ 5,943,738	\$ 6,223,738	\$ 6,503,738	\$ 6,783,738

Department/Category Total Project Expenditures, 2020-2025

	2021	2022	2023	2024	2025
Administration	\$ 90,000	\$ -	\$ -	\$ -	\$ -
Buildings and Grounds	175,500	-	-	-	-
Information Technology	253,600	-	-	-	-
Police Services	137,100	-	-	-	-
Public Works	1,914,000	2,245,000	-	-	-
Engineering	120,000	-	-	-	-
Parks and Recreation	275,000	895,000	-	-	-
Community Recreation Center	20,000	-	-	-	-
Fire Protection	758,500	-	-	-	-
Total Capital Projects:	\$ 3,743,700	\$ 3,140,000	\$ -	\$ -	\$ -

Capital Improvement Plan

Funding Overview

Funding for Capital Projects and Purchases

	Note	2021	2022	2023	2024	2025
<u>Operating Revenue</u>						
Interest		\$ 175,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Fee-In-Lieu of Improvements		-	-	-	-	-
Sale of Fixed Assets		50,000	50,000	50,000	50,000	50,000
Miscellaneous		30,000	30,000	30,000	30,000	30,000
<u>Grants</u>						
Green Light Go	A	-	400,206	-	-	-
TAP	B	-	850,000	-	-	-
ARLE	C	-	285,457	-	-	-
Fire Commissioner Grant	D	15,000	-	-	-	-
<u>Other Funding Sources</u>						
Liquid Fuels Contribution		925,000	-	-	-	-
EAC Fund Contribution		100,000				
Park and Rec Contribution		10,000	-	-	-	-
<i>Total Contributions for Capital Purposes</i>		\$ 1,305,000	\$ 1,815,663	\$ 280,000	\$ 280,000	\$ 280,000

Capital Improvement Plan

	Fund	2021	2022	2023	2024	2025
Administration						
Intranet/Employee Portal	Capital	10,000	-	-	-	-
Comprehensive Plan	Capital	80,000	-	-	-	-
Building and Grounds						
Building Improvements	Capital	70,000	-	-	-	-
Office Blinds - Admin/Finance	Capital	7,500	-	-	-	-
Upgrades to Digital Signs (4)	Capital	98,000	-	-	-	-
Information Technology						
AV Upgrade - Township Room	Capital	132,000	-	-	-	-
CCTV	Capital	25,000	-	-	-	-
Cisco Wi-Fi Lan Controller	Capital	5,500	-	-	-	-
Dell PowerEdge Replacement (2)	Capital	21,000	-	-	-	-
MD3200i Power Vault SAN	Capital	9,000	-	-	-	-
PC Replacement (17)	Capital	21,300	-	-	-	-
Surface Pros Replacement (4)	Capital	6,800	-	-	-	-
Audio Visual - Board Room	Capital	33,000	-	-	-	-
Police Services						
Ford Interceptor (2)	Capital	75,000	-	-	-	-
Ford Interceptor (2) - Outfitting	Capital	45,000	-	-	-	-
Kennel Knee Wall Replacement	Capital	14,000	-	-	-	-
Taser Replacement (2)	Capital	3,100	-	-	-	-
Public Works						
2021 Curb and Sidewalk Project - Bid A	Capital	114,000	-	-	-	-
2021 Curb and Sidewalk Project - Bid B	Capital	40,000	-	-	-	-
2021 Paving Project	Hwy Aid	650,000	-	-	-	-
2021 Peterbilt 10 Wheel Dump Truck	Hwy Aid	220,000	-	-	-	-
2021 Pick Up Truck	Capital	50,000	-	-	-	-
Autumn Woods Trail	Capital	50,000	-	-	-	-
Facilities Study	Capital	20,000	-	-	-	-
Graco Thermolazer ProMelt	Hwy Aid	20,000	-	-	-	-
Jug Handles A and B	Capital	400,000	-	-	-	-
Loader/Backhoe	Capital	-	140,000	-	-	-
Preemption System Along Route 309	Grant - C	-	595,000	-	-	-
Sassafras Dr. Storm Sewer Replacement	Capital	340,000	-	-	-	-
SmartWeight Touch Balancer	Capital	10,000	-	-	-	-
Traffic Signal Upgrades	Grant - A	-	950,000	-	-	-
Zehr Property	Capital	-	560,000	-	-	-
Engineering						
2021 Curb and Sidewalk Project - Bid A	Capital	25,000	-	-	-	-
2021 Paving Project	Hwy Aid	35,000	-	-	-	-
2022 Curb, Sidewalk and Ramp Inventory	Capital	5,000	-	-	-	-
Stormwater BMP	Capital	25,000	-	-	-	-
Sassafras Dr. Storm Sewer Replacement	Capital	30,000	-	-	-	-

Capital Improvement Plan

	Fund	2021	2022	2023	2024	2025
Parks and Recreation						
Basketball Court Improvements	Capital	5,000	-	-	-	-
Brush Mower	Capital	25,000	-	-	-	-
Chipper Replacement	EAC	100,000	-	-	-	-
Dog Park Study	P&R	10,000	-	-	-	-
Zero Turn Mower	Capital	30,000	-	-	-	-
Power line Trail Connector - Phase 1	Grant - B	105,000	895,000	-	-	-

Community Recreation Center						
Scheduled Replacements	Capital	20,000	-	-	-	-
Fire Protection						
Decaling of Tower Ladder 18	Capital	8,000	-	-	-	-
Equipment Mounting of Ladder	Capital	35,000	-	-	-	-
PC Replacement (3)	Capital	6,500	-	-	-	-
Re-insulation of Firehouses	Capital	17,500	-	-	-	-
Repaving of Ramp at Battalion 1	Capital	17,500	-	-	-	-
Thermal Imaging Camera - Replacement	Capital	9,000	-	-	-	-
Tower Ladder 18 - Note A	Capital	650,000	-	-	-	-
Training Room at Battalion 1	Grant - D	15,000	-	-	-	-

Total Capital Projects: \$ 3,743,700 \$ 3,140,000 \$ - \$ - \$ -

Notes:

(A) This represent the balance due for the Ladder Truck that was purchased in 2020.

Capital Improvement Plan

Project Descriptions

Administration

Intranet/Employee Portal

Montgomery Township is looking for a user-friendly web based portal application for its employees to easily access information and forms. The portal will allow employees to potentially access information from their own personal devices, such as an iPhone. Such convenience will allow the employee to manage to easily access the proper forms to change an address or payroll allocation to a saving account. The portal will also act as a single source of information from the Delaware Valley Health Insurance Trust; thereby eliminating spam like emails.

Building and Grounds

Upgrades to Digital Signs (4)

With new technology the Township will be able to coordinate messages to residents in all parts of the Township. This has particular value in emergency situations such as the recent flash flooding as a result of Hurricane Isaias, motor vehicle accidents where roads are closed, and if there is a missing person. Additionally, these signs can be used to promote Township or community events and can be individually customized as needed from one source.

Information Technology

AV Upgrade - Township Room

The Township room only has one screen that offers limited viewing capability for the public. The proposed AV upgrades include the installation of multiple screens for enhanced viewing. Upgrades also include the possibility of streaming presentations directly to the Board of Supervisor's smart devices. These audio visual upgrades allow for better viewership and more impactful presentations. It also utilizes the Township Room space for efficiently. Finally, there is renewed opportunity to make certain that the Township Room is in compliance with the ADA standards for accessible design. The upgrades will allow for live streaming of meetings for increased citizen engagement.

Dell PowerEdge Replacement (2)

Server. It is imperative that Montgomery Township maintain network hardware to avoid disruptions to the work day. Maintaining and upgrading the servers allow for more cache and speed. These servers offer options for more processors, expansion and virtualization. All of which are in congruence with the overall plan to move all data to a "cloud based" model.

MD3200i Power Vault SAN

Memory / Storage consolidation. Allows for the seamless performance of network functions by better managing data.

Audio Visual - Board Room

Flat screen television offering Microsoft Teams Rooms. Microsoft Teams Rooms will allow employees to join meetings in a single step, share content, and collaborate with remote attendees to make meetings more productive and engaging.

Police Services

Kennel Knee Wall Replacement

The Kennel is over twenty years old and shows appropriate wear and tear for its age.

Capital Improvement Plan

Project Descriptions

Public Works			
2021 Paving Project	<u>Street Name</u>	<u>Beginning</u>	<u>Ending</u>
	Claremont Drive	149 Claremont Drive	Upper State Road
	Montgomery Glen Dr.	Route 463	Route 202
	W. Thomas Road	Vilsmeier Road	Vilsmeier Road
	Morningside Drive	W. Thomas Road	Vilsmeier Road
	South Drive	Sunset Drive	Cul-de-sac
	Sunset Drive	W. Thomas Road	Morningside Drive
	Vilsmeier Road	Lansdale Avenue	Route 309
2021 Peterbilt 10 Wheel Dump Truck	<p>Customized 10 wheel dump truck with snow plow accessories.</p> <p>This will replace the current dump truck that is over 20 years old. The current truck is a manual transmission which makes it difficult to use and creates operational and safety issues for the crew</p>		
Autumn Woods Trail	<p>The Autumn Woods Fitness Trail is approximately six acres located off of 101 Richardson Road between a residential community and an office complex (R34 and BP). It is densely wooded with many fallen trees. The trail has multiple cracked surfaces.</p> <p>Improvements to the trail will complement the new playground equipment already installed. Park and trail improvements are highly valued by the public at large. Increasing the safety of this trail will improve the overall limited natural beauty of Montgomery Township.</p>		
Facilities Study	<p>The current shop was built in 1985 and is now functionally obsolete.</p> <p>A study will provide the necessary architectural and engineering expertise to best utilize the space provided at 90 Domorah Drive.</p>		
Graco Thermolazer ProMelt	<p>This is a road striping system.</p> <p>The Graco Thermolazer ProMelt System is a comprehensive tool (line drawer) and reduces man power hours spent on singular projects. Its ability to melt up to 300 pounds of thermoplastics in less than one hour substantially increases productivity. Furthermore, it allows for higher quality projects.</p>		
Loader/Backhoe	<p>This is an 8 ton excavator.</p> <p>This is an essential piece of equipment for the Public Works Department. It can be used for demolition, trenching or more precision necessary projects.</p>		
SmartWeight Touch Balancer	<p>This is a computerized wheel balancing tool for both cars and light trucks. The current machine is due for replacement.</p> <p>This tool is essential for the mechanics of the Montgomery Township fleet. Tire conditions on all vehicle are of the utmost importance.</p>		

Capital Improvement Plan

Project Descriptions

Parks and Recreation

Basketball Court Improvements	<p>Current basketball court is original to the park and shows appropriate wear and tear.</p> <p>Upgrading the court and equipment helps beautify the Autumn Woods Trail. It also helps to reinforce Montgomery Township's generic campaigns for health and wellness in the community. Most importantly, these upgrades will make the court safe again.</p>
Brush Mower	<p>A brush mower is designed for mowing high grass, thick weeds and heavy brush. Our current machine has gear box issues and is prone to downtime in the shop.</p> <p>Machines such as the brush mower maximize manpower hours and improve overall efficiency. Secondly, this mower allows for the township to keep basins looking natural and esthetically pleasing to the community. Examples, of such would be the basin at Raven Hallow, the larger fields of Windlestrae and the Zehr Property.</p>
Chipper Replacement	<p>Montgomery Township currently has an older model chipper that is heavily relied upon for storm clean-up. The Chipper is easily accessible and allows Public Works to clear roads and trails safely and efficiently.</p> <p>A newer model will allow logs up to 18 inches in diameter to be chipped. Chips are recycled to the dog park. Finally, the chipper also allows for quicker and more efficient processing of the community Christmas tree recycling program.</p>
Zero Turn Mower	<p>Montgomery Township expects two mowers to be retired by the end of calendar year 2021. A Zero Turn Mower is an ideal replacement because of its overall efficiency.</p> <p>A zero turn mower is all about maneuverability and faster mowing times. Therefore, allowing for better management of manpower hours on specific projects.</p>

Fire Protection

Training Room at Battalion 1	<p>Current hardware is outdated and does not meet the needs of the Fire Services Department.</p> <p>Modernized AV equipment will allow Fire Services to provide more impactful presentations and better utilize the Room 1 as an educational meeting space.</p>
Re-insulation of Firehouses	<p>Battalion 1 suffers from all the telltale signs of poor insulating. Fluctuating temperatures, chilly drafts and frozen pipes are some of the many issues that Fire Services has been contending with since the dedication of the building. After the reinsulating of the building we expect to see a stabilization in building temperatures and no further broken pipes with costly repairs.</p>