



# City of Bloomfield Hills

## Fiscal Years 2026-2030 Capital Improvement Plan





## FY 2026-2030 Capital Improvement Plan

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### Capital Improvement Plan Introduction

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The City of Bloomfield Hills' Fiscal Years 2026-2030 Capital Improvement Plan (CIP) is presented on the following pages.

The CIP is a rolling five-year plan for capital improvement needs throughout the City. The CIP ensures that the City is forward-looking and proactive in identifying areas of essential capital investment.

Current year items identified in the CIP are incorporated in the proposed budget. The outlying years serve as an important planning tool, identifying areas that will need resources in the future. Since the plan is forward-looking, it is subject to available funding, changing priorities and unanticipated events. Since years 2-5 are a planning tool only, City Commission approval of this plan does not have the effect of appropriating money for these projects; nor does it imply that necessary funding will be available.

For the purpose of this plan, a capital expenditure is any project that costs in excess of \$1,000, has an estimated useful life greater than one year and is either new, an addition, a replacement or significant improvement, not a repair or maintenance. This includes a wide array of items, ranging from vehicles to equipment to infrastructure and physical structures.

Each project is reviewed by the City Manager and Finance Director and thoroughly discussed by the staff department heads to ensure that the request is justified before being presented to the City Commission for approval.

The projects in this CIP are arranged in categories by the type of capital expenditure, with emphasis given to fiscal year 2026 items.

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### Capital Projects Summary

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	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY2030</b>
<b><i>Capital Purchases Fund 401</i></b>	\$469,100	\$564,750	\$579,000	\$242,250	\$180,500
<b><i>Road Construction Funds 203 &amp; 450</i></b>	\$755,000	\$177,000	\$500,000		
<b><i>Asset Infrastructure Funds 472* &amp; 592</i></b>	\$2,200,000				
<b>Total</b>	\$3,424,100	\$741,750	\$1,079,000	\$242,250	\$180,500

\* \$1M Federal Grant

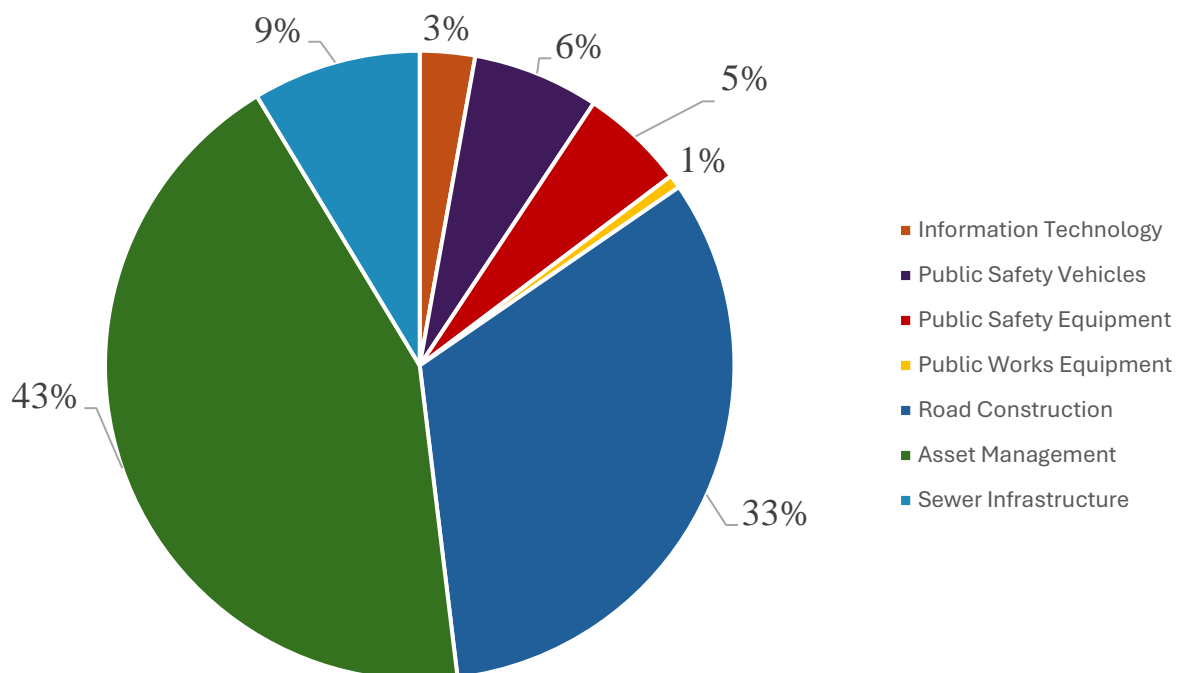


## FY 2026-2030 Capital Improvement Plan

### Fiscal Year 2026 Capital Projects by Category

Site Improvement	\$ 123,000
Information Technology	\$ 65,500
Public Safety Vehicles	\$ 150,000
Public Safety Equipment	\$ 114,600
Public Works Equipment	\$ 16,000
Road Construction	\$ 755,000
Asset Management	\$1,000,000
Sewer Infrastructure	\$1,200,000

### FY2026 Percentage of Total Capital Projects by Category





## FY 2026-2030 Capital Improvement Plan

### Capital Purchases

**FY2026 \$469,100**

#### **Capital Improvement Fund – 401**

Funding Source: Transfer of Revenue from the General Fund

#### **Site Improvement**

	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY2030</b>
Physical Infrastructure	\$30,000				
Mechanical	\$50,000	\$50,000	\$30,000		
Building Upgrade	\$43,000		\$60,000		
<b>Total Site Improvement</b>	<b>\$123,000</b>	<b>\$50,000</b>	<b>\$90,000</b>	<b>\$-</b>	<b>\$-</b>

#### **Fiscal Year 2026**

##### **1. Project Title: Salt Shed Completion**

**Project Category:** Physical Infrastructure

**Department:** Department of Public Works

**Estimated Cost:** \$30,000

**Description:** Asphalt & Screening via Tree Planting

**Justification:** To complete the salt shed project from FY2025

##### **2. Project Title: HVAC System**

**Project Category:** Mechanical

**Department:** City Hall and Public Safety Campus

**Estimated Cost:** \$50,000

**Description:** HVAC replacement (Qty 2)

**Justification:** The city campus building has a total of 8 rooftop HVAC systems. The city replaced two in FY2023 and one in FY2025, with all three replacements occurring on an emergency basis. The remaining 5 units are 25 years old and have run their useful life; therefore, replacing them over the next three years is prudent.



##### **3. Project Title: New Furniture**

**Project Category:** Building Upgrade



## FY 2026-2030 Capital Improvement Plan

**Department:** Public Safety

**Estimated Cost:** \$30,000

**Description:** Replacement furniture, flooring, & paint for the Chief's Conference room, Office, and Captain/Detective Office.

**Justification:** Since the original Public Safety Building was constructed in 2000, these offices have received minor paint and flooring repairs. The current furniture is repurposed units and has reached the end of service life. New furniture will modernize the work environment, provide improved ergonomics, and better support 40-hour work schedules.

#### 4. Project Title: Rear-lot Security Camera

**Project Category:** Building Upgrade

**Department:** Public Safety

**Estimated Cost:** \$13,000

**Description:** Security camera system and supporting hardware.

**Justification:** This camera will monitor the building's east side, including the patrol car parking area. It is the second of the two major exterior cameras to be replaced with the current camera installed in 2014. The night vision is no longer functioning, and daytime footage is often unclear and dark.

### **Fiscal Year 2027**

- HVAC Replacement (Qty 2) \$50,000

### **Fiscal Year 2028**

- New Roof on Department of Public Works building \$60,000
- HVAC Replacement (Qty 1) \$30,000





## FY 2026-2030 Capital Improvement Plan

### Information Technology

	FY2026	FY2027	FY2028	FY2029	FY2030
Workstation Refresh	\$16,500	\$16,750	\$17,000	\$17,250	\$17,500
Network Routers, Switches & Wireless Equipment	\$45,000				
Other IT Infrastructure	\$4,000	\$9,000			
Server Hardware Refresh		\$25,000		\$20,000	\$25,000
Network Firewall			\$50,000		
<b>Total Information Technology</b>	<b>\$65,500</b>	<b>\$50,750</b>	<b>\$67,000</b>	<b>\$37,250</b>	<b>\$42,500</b>

### Fiscal Year 2026

#### 1. Project Title: Workstations (7) and Laptops (2)

**Project Category:** Workstation Refresh

**Department:** City-Wide

**Estimated Cost:** \$16,500

**Description:** Replace 7 workstations and 2 laptops

**Justification:** End-user workstations and laptops are on a three-to-four-year rotation with primary workspaces assigned to newer workstations and secondary workspaces with older workstations.



#### 2. Project Title: Core Network Switch Stack Replacement

**Project Category:** Network Routers, Switches & Wireless Equipment

**Department:** City-Wide

**Estimated Cost:** \$45,000

**Description:** 4x 48 port core switches

**Justification:** The core switch stack is the main connection point for the City's network, routing traffic between end users, servers, devices and resources. Current best practices recommend network switches be replaced every six to seven years. The current stack was replaced in 2019.



## FY 2026-2030 Capital Improvement Plan

### 3. Project Title: Uninterruptable Power Supplies

**Project Category:** Other IT Infrastructure

**Department:** City-Wide (server room)

**Estimated Cost:** \$4,000

**Description:** Replace 2 of 2 main uninterruptable power supplies (UPS / Batt Backup)

**Justification:** The main network racks in the server room / data center are protected by two redundant battery backup units. These units are replaced on alternate years to maximize reliability. The new UPS devices will be expected to last ~10 years with two battery module replacements during the UPS' life cycle. The first one was replaced in fiscal year 2025.

#### **Fiscal Year 2027**

- Workstation Refresh \$16,750
- Replace of primary file server & domain controller \$15,000
  - This server was last replaced in 2019. This server operates as the primary domain controller, file server and virtual machine host for other lightweight servers.
- Replace Synology backup storage appliance \$10,000
  - The city maintains a robust backup storage program consisting of onsite and offsite backups. The onsite storage device should be replaced to minimize the change of unexpected data loss. This device was last replaced in 2019.
- Server Room environmental monitor \$1,500
  - The server room which houses the City's network, 911 equipment and radio equipment is protected by redundant air conditioners. The environmental monitor ensures that the temperature remains in the safe zone and humidity is optimized. The current device was purchased in 2014 and has begun periodically failing.
- Server Room reorganization and cable clean-up – Phase II \$7,500
  - In 2024 Phase I involved reorienting the server racks and repositioning cables to allow better access for service. Phase II will involve removing all outdated cabling from the walls and above the ceiling.

#### **Fiscal Year 2028**

- Workstation Refresh \$17,000
- Replace and upgrade Cisco Firewall \$50,000

#### **Fiscal Year 2029**

- Workstation Refresh \$17,250
- Replace virtual server host machine \$20,000

#### **Fiscal Year 2030**

- Workstation Refresh \$17,500
- Replace DW Spectrum Camera Server \$25,000



## FY 2026-2030 Capital Improvement Plan

### Department of Public Works Equipment

	FY2026	FY2027	FY2028	FY2029	FY2030
Zero Turn Mower Replacement	\$16,000				
Salt Truck Replacement		\$230,000			
ATV Replacement			\$12,000		
Dump Truck Replacement				\$130,000	
<b>Total DPW Equipment</b>	<b>\$16,000</b>	<b>\$230,000</b>	<b>\$12,000</b>	<b>\$130,000</b>	<b>\$-</b>

### **Fiscal Year 2026**

#### **1. Project Title: Zero Turn Mower**

**Department:** Department of Public Works

**Estimated Cost:** \$16,000

**Description:** John Deere ZTrak Zero Turn Mower

**Justification:** Trade-in of current mower that has reached its useful life, with over 1,000 hours



### **Fiscal Year 2027**

- Salt Truck \$230,000
  - Replacement of the 2009 truck with 44,000 miles or 1,600 hours
  - Recommendation of useful life is 15 years

### **Fiscal Year 2028**

- All-Terrain Vehicle (ATV) \$12,000
  - Replacement of the current 8-year-old ATV
  - The newer model is safer; capable of faster speeds, providing less impediment of traffic

### **Fiscal Year 2029**

- F-450 or F-550 Multi-purpose Dump Truck \$100,000
  - Replacement of the current 2009 Dump Truck
  - Additional cost of approximately \$30,000 if a deicing feature is added





## FY 2026-2030 Capital Improvement Plan

### Public Safety Vehicles & Equipment

	FY2026	FY2027	FY2028	FY2029	FY2030
Public Safety Vehicles	\$150,000	\$130,000	\$135,000	\$75,000	\$138,000
Fire Apparatus			\$275,000		
Enforcement Equipment	\$35,000	\$95,000			
Fire Fighter Equipment	\$1,600				
PS Technology Equipment	\$78,000	\$9,000			
<b>Total Public Safety</b>	<b>\$264,600</b>	<b>\$234,000</b>	<b>\$410,000</b>	<b>\$75,000</b>	<b>\$138,000</b>

### **Fiscal Year 2026**

#### **1. Project Title: Patrol Vehicles (Qty 2)**

**Project Category:** Public Safety Vehicles

**Department:** Public Safety Department

**Estimated Cost:** \$150,000

**Description:** Replacement of two Chevy Tahoe patrol vehicles.

**Justification:** The two police patrol vehicles are experiencing frequent equipment malfunctions, which require increasing repair costs and result in being out of service. These vehicles have reached their end-of-service life and are consistent with the vehicle replacement lifecycle.

#### **2. Project Title: Upgrade to Duty Side Arm Weapon System**

**Project Category:** Enforcement Equipment

**Department:** Public Safety Department

**Estimated Cost:** \$35,000

**Description:** System upgrade includes Gun, Optic, Light, and Holster

**Justification:** Current systems were purchased in 2015 and have reached their end-of-service life, resulting in mechanical failures during training events and significant armorer attention, including a design flaw corrected in the new generation of weapons. Additionally, advanced technology has created an opportunity to increase our effectiveness and officer safety while reducing agency liability.



## FY 2026-2030 Capital Improvement Plan

### 3. Project Title: Engine 1 Equipment

**Project Category:** Fire Fighter Equipment

**Department:** Public Safety Department - Fire

**Estimated Cost:** \$1,600

**Description:** New equipment for Engine 1

**Justification:** This purchase is part of a three-year replacement program, year 3 of 3. It is the final purchase in the equipment modernization program and will be for battery-powered scene lighting.

### 4. Project Title: Video System

**Project Category:** Public Safety Technology Equipment

**Department:** Public Safety Department

**Estimated Cost:** \$70,000

**Description:** Video System is for In-Car (six patrol vehicles), two Motorcycles, Interview Room, Digital storage, and technology management

**Justification:** The system was purchased in 2019 and has an expected end-of-service life of 5 years. Exercising financial prudence, we secured an additional year beyond the five-year term, extending the service life to six years, which is now up. Technological advancements have created opportunities to maintain service levels and increase our effectiveness and efficiency in addressing future service challenges. Two additional camera units will be installed on our two police motorcycles.

### 5. Project Title: In-Car Data Modems

**Project Category:** Public Safety Technology Equipment

**Department:** Public Safety Department

**Estimated Cost:** \$8,000

**Description:** Replacement of in-car data modems in 3 of 6 vehicles (3 were replaced in FY2025)

**Justification:** These updated modems are required to maintain operability with the updates within the Countywide information data system (CLEMIS). The in-car video system also uses these modems to upload data and provide live in-car video to the Dispatch Center & Command Desk.

## **Fiscal Year 2027**

- Patrol Vehicles Replacement \$130,000
  - Vehicle to be outfitted with lighting & siren package
  - Patrol Vehicle to replace 404
- Upgrade Tasers \$45,000
  - MMRMA eligible grant funding of 75%
- Solar Mobile Radar Signs (Qty 3) \$9,000
  - MMRMA eligible grant funding of 75%
- Firearms Range Target System Upgrade \$50,000



## FY 2026-2030 Capital Improvement Plan

### **Fiscal Year 2028**

- Patrol Vehicles Replacement \$135,000
  - Vehicle to be outfitted with lighting & siren package
  - Patrol Vehicle to replace 405/6
- Engine 3 Replacement \$275,000
  - Age of current Engine is 2008
  - 24 months build time

### **Fiscal Year 2029**

- Patrol Vehicle Replacement of 405/6 \$75,000

### **Fiscal Year 2030**

- Patrol Vehicles Replacement \$138,000
  - Vehicle to be outfitted with lighting & siren package
  - Patrol Vehicle to replace 402



## FY 2026-2030 Capital Improvement Plan

### **Road Construction Projects**

**FY2026 \$755,000**

#### **Road Construction Fund – 450**

Funding Source: City Operating Tax Revenue \$507,700  
Water Fund (Rebuild of water structures) \$32,300

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Major Road Mill and Overlay Road Construction Project

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#### **Fiscal Year 2026**

##### **1. Project Title: Lahser Road Mill & Overlay Rehabilitation**

**Department:** City-Wide

**Estimated Cost:** \$540,000

**Description:** Mill and overlay Lahser Road from Long Lake Road to Hickory Grove

**Justification:** Lahser Road was rated as fair to poor by the 2022 PASER rating scale and has since deteriorated further, making it less safe for motorists.

#### **Local Road Fund – 203**

Funding Source: Gas Tax Collection (a.k.a. ACT 51 Funds)

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Local Road Mill and Overlay Construction Project

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##### **2. Project Title: Local Roads Yarbboro, Joyce Ct. & Partial Harlan Mill & Overlay Rehabilitation**

**Department:** Local Roads

**Estimated Cost:** \$215,000

**Description:** Mill and overlay local roads

**Justification:** The local roads are deteriorating and in need of rehabilitation to provide a smoother and safer surface for motorists.



## FY 2026-2030 Capital Improvement Plan

### **Capital Infrastructure Projects**

**FY2026 \$2,200,000**

#### **Federal Grant Construction Fund - 472**

Funding Source: Federal ARPA Grant

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Culvert Replacement

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#### **Fiscal Year 2026**

##### **1. Project Title: Chesterfield Bridge / Culvert Replacement Project**

**Department:** City-Wide / Stormwater

**Estimated Cost:** \$1,000,000

**Description:** The culvert project includes rehabilitation of two twin culverts on Chesterfield Road.

**Justification:** During the culverts required inspections, signs of deterioration have presented itself, indicating replacement is vital.

#### **Water & Sewer Fund - 592**

Funding Source: Sewer Capital User Fees

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Sewer Pipelining Project

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#### **Fiscal Year 2026**

##### **2. Project Title: Sanitary Sewer Rehabilitation**

**Department:** City-Wide / Sewer

**Estimated Cost:** \$1,200,000

**Description:** The project includes maintenance on the existing sanitary sewers which may include heavy cleaning, pipe patching, lining or point repairs.

**Justification:** The sewer rating of the pipes in need of lining are currently at 4 or 5, meaning in poor or extremely poor condition.