

# **2023 Sewer and Roads Project Update**

**May 16, 2023**

# 2022 - Alpine Neighborhood Sewer Relining

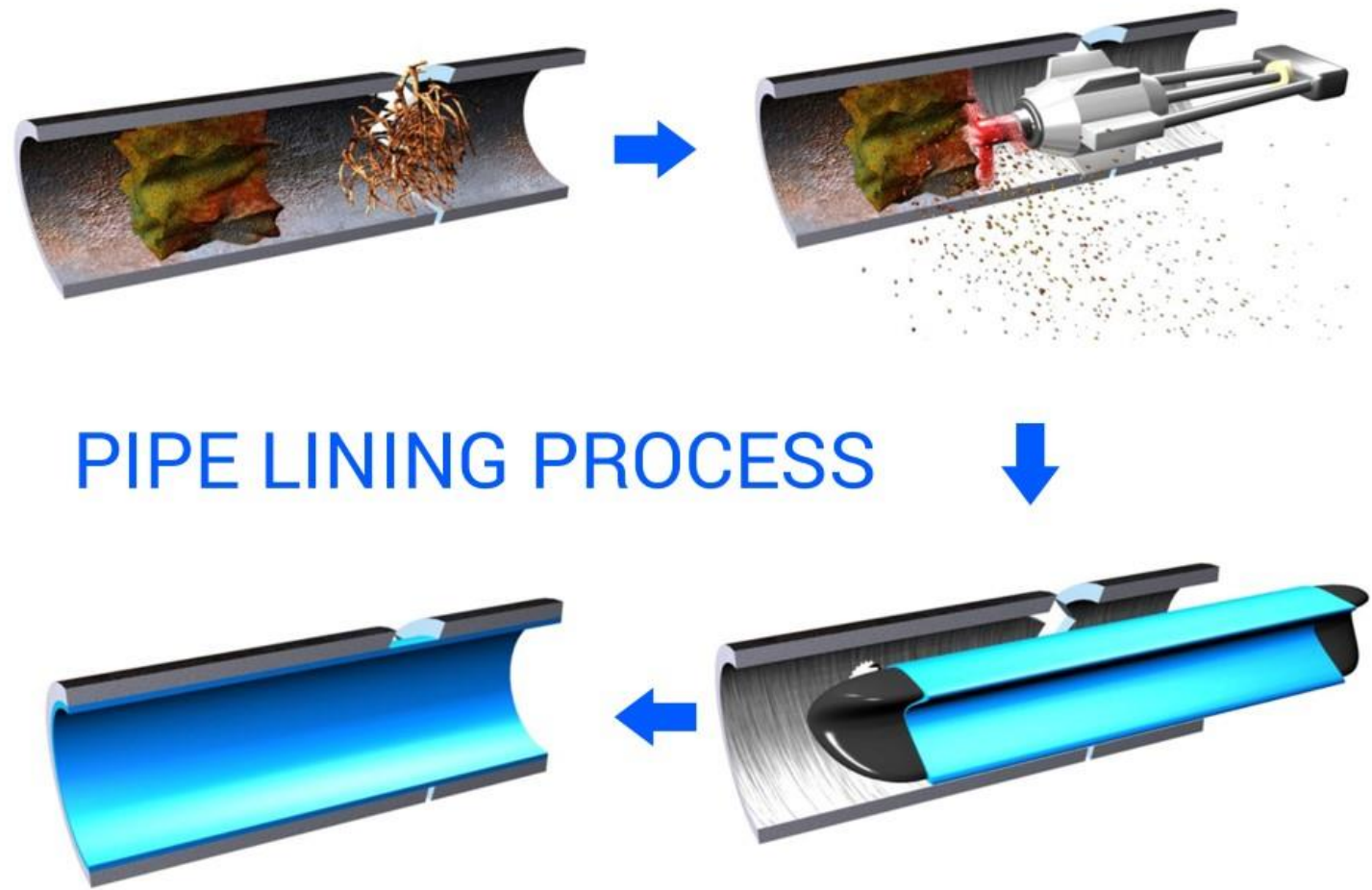
**RECAP**

- Sanitary Sewers constructed in the late 1950's
- 4632' of sewer pipe that serve 90 residential homes
- Sewer Deficiencies:
  - Running sand makes excavation difficult
  - Clay pipe has deteriorated, with many off-set joints
  - Tree root penetration
  - Bi-annual root cutting is required
  - I&I – Inflow and Infiltration
  - Sewer back ups have occurred



# Alpine Neighborhood Sewer Relining

- Minimal disruption to the neighborhood
- No need to shut off water to home
- Adds 40 – 50 years of life



Before Re-lining



3/30/22 12:42:01 PM

328.56 ft

0.63 °

328.56 ft

After Re-lining



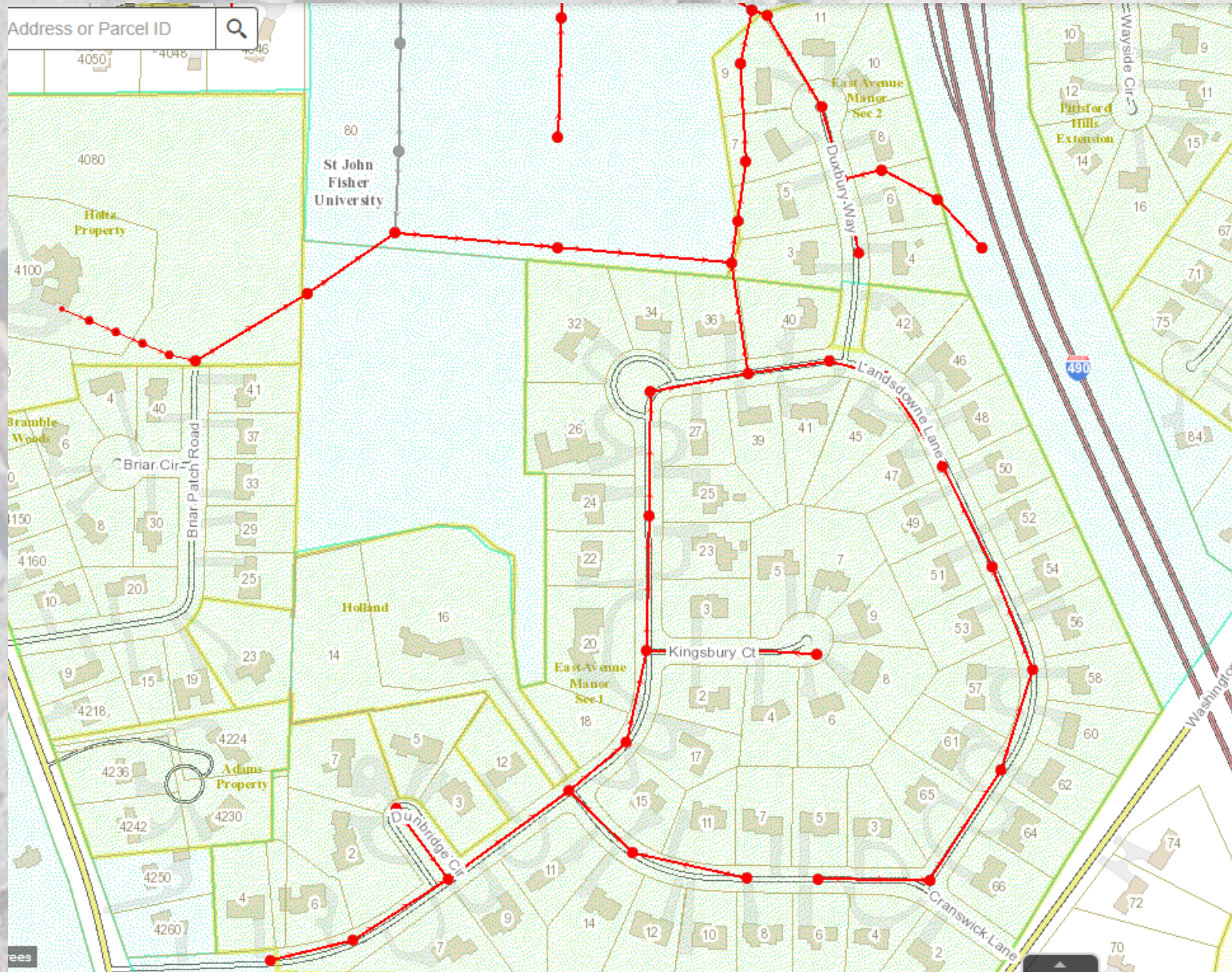
-2.42 %

3.20 ft

1/4/23 12:51:39 PM

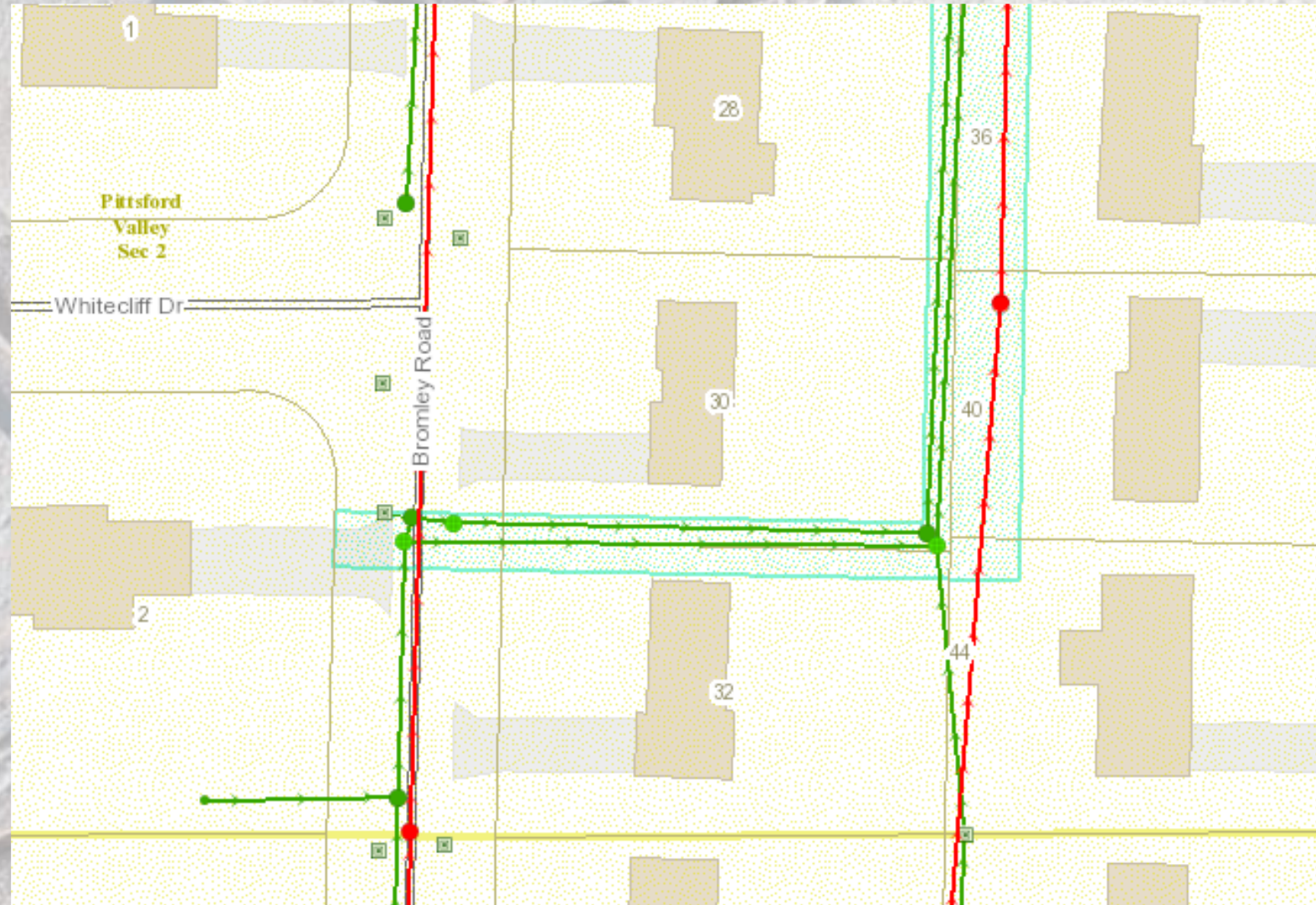
# 2023 - East Avenue Manor Sewer Relining

- Sanitary Sewers constructed in the early 1960's
- 6290' of sanitary sewer pipe that serve 76 residential homes
- Budget - \$242,000



# 2023 - Bromley Road Storm Sewer Relining

- 170' of 30" storm sewer pipe that help prevent overflows
- Minimize disruption
- Budget - \$50,000



# 2023 Road Work Schedule





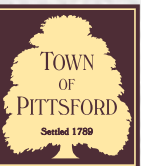
# Why Does Pavement Fail?

- **Shade**
- **Utility Dig-Ups**
- **Dries Out**
- **Freeze – Thaw**
- **Minimal Preventive Maintenance**



- **Poor Sub-Base (Rutting)**
- **Traffic**
- **Water Infiltration (Cracks)**
- **Poor Subsurface Drainage**

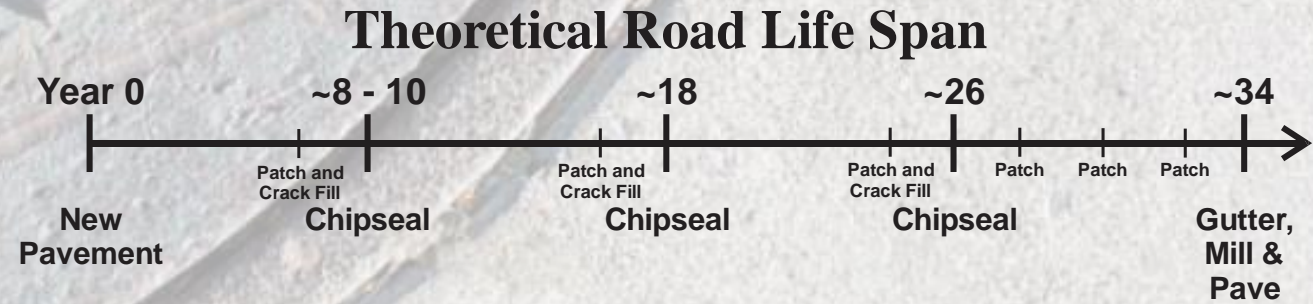
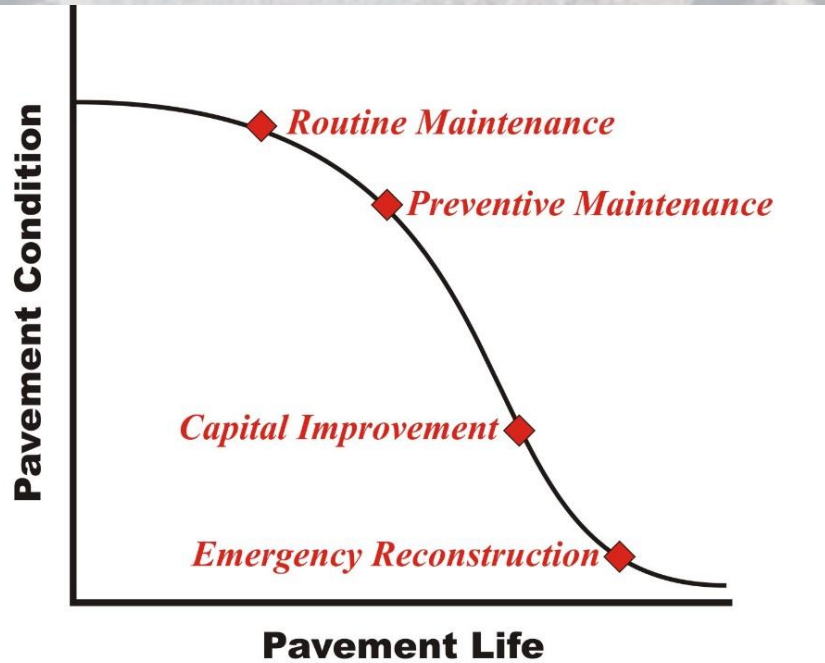
**2023 Road Work  
Schedule**



# Definitions

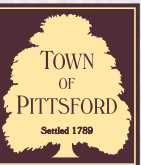
- **Routine Maintenance** - Consists of work that is planned and performed on a routine basis to maintain and preserve the condition of the road or to respond to specific conditions and events that restore the road network to an adequate level of service (Patching, Crack Filling, Spot Gutter Repairs, Dig Outs)
- **Preventive Maintenance** - Is a planned strategy of cost-effective treatments to an existing road network and its appurtenances that preserves the network, retards future deterioration, and maintains or improves the functional condition of the network. (Chip Seal, MicroPave, Slurry Seal) (2023 – 3.84 Miles)

- **Capital Improvement** - Is the replacement of the entire pavement structure by the placement of the equivalent or increased pavement structure. Typically involves replacement of concrete gutters and improvements to the sub-surface drainage network (Mill and Pave, Gutter Mill, and Pave) (2023 – 2.73 Miles)



*“Keep Good Roads Good”*

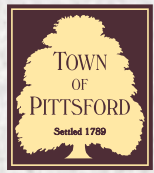
2023 Road Work  
Schedule





Catch Basins  
&  
Crossovers

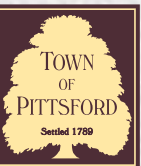
2023 Road Work  
Schedule





Manholes

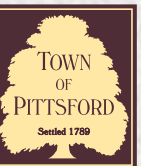
2023 Road Work  
Schedule





# Concrete Gutter

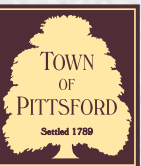
2023 Road Work  
Schedule

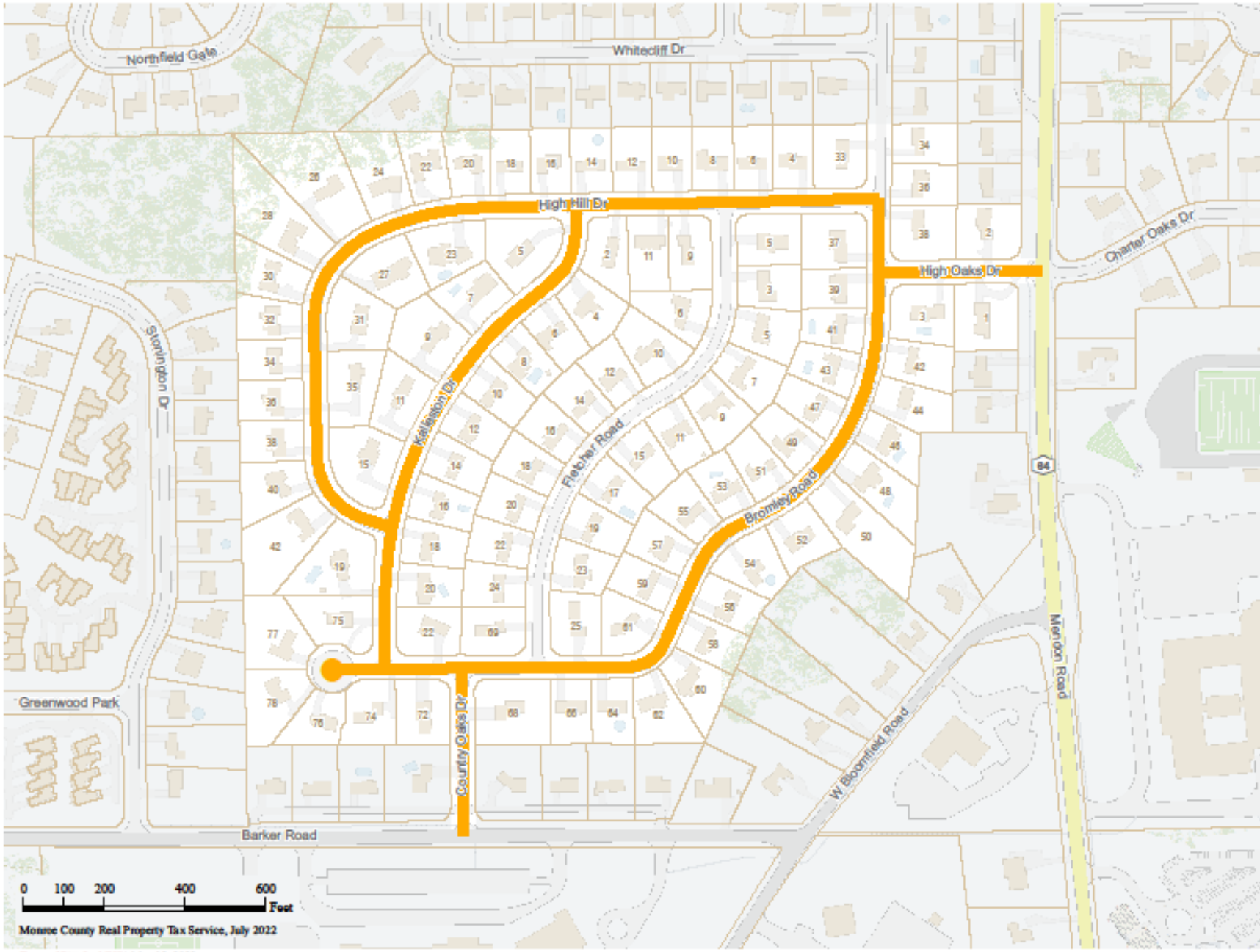




Milling and Paving

2023 Road Work  
Schedule





Capital Improvement –Gutter,  
Mill, and Pave

*Last year of the 3 year project*

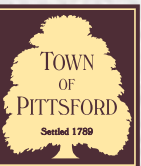
- High Oaks Drive
- Bromley Road
- Country Oaks Drive
- Kalleston Drive
- High Hill Drive

*Storm Sewer Work  
On-Going*

*Gutter Replacement  
On-Going*

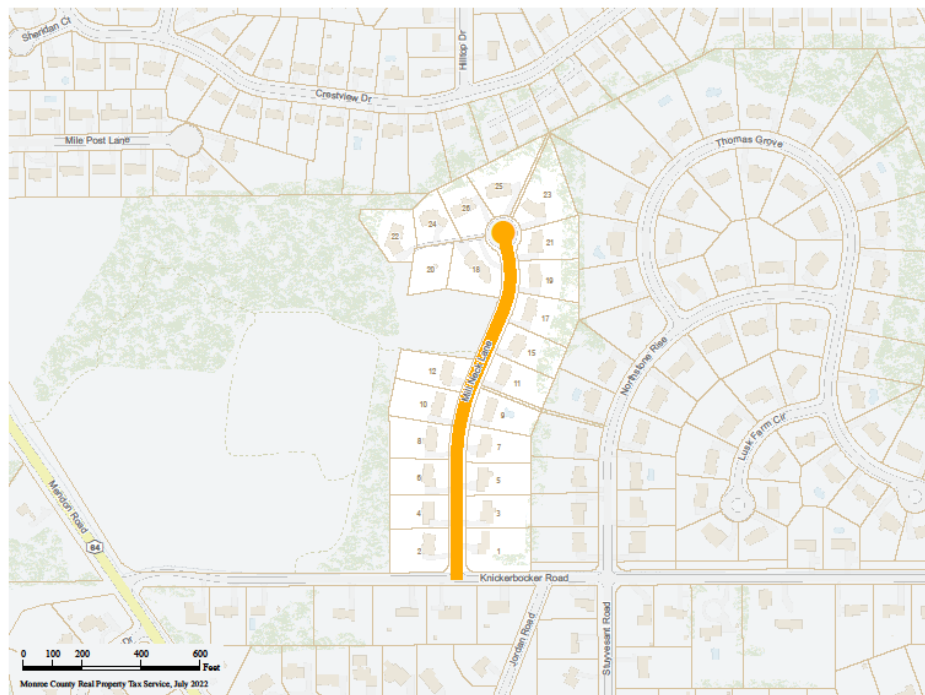
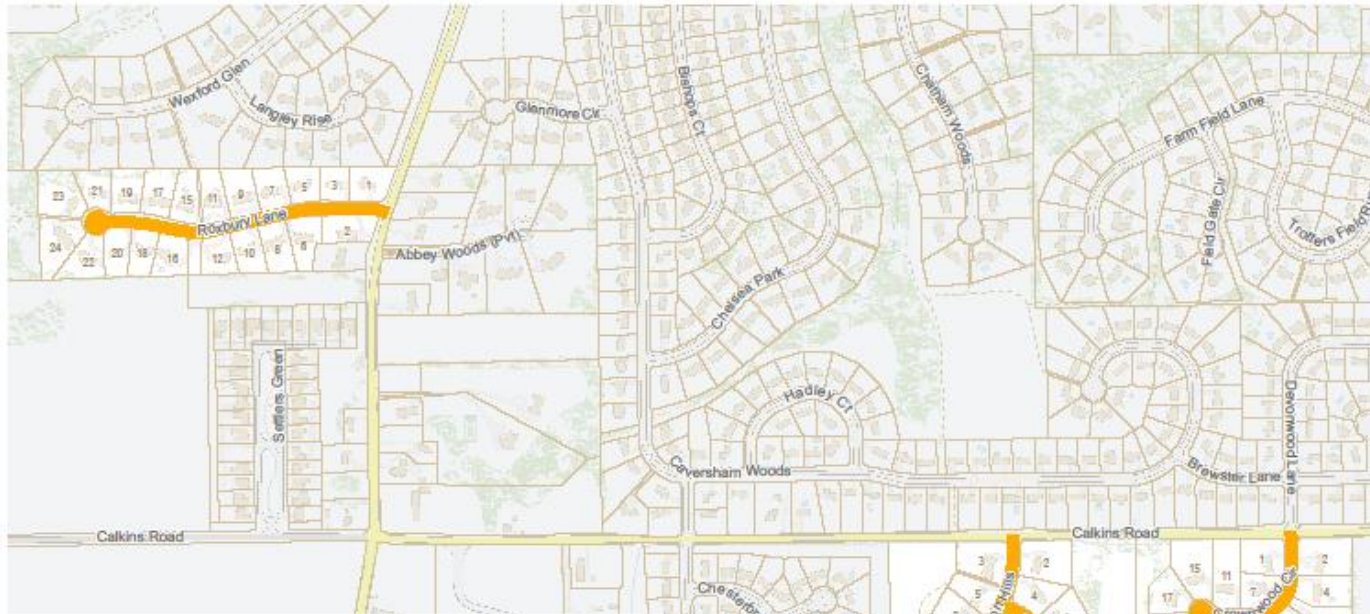
*Paving – July*

**2023 Road Work  
Schedule**



## Capital Improvement – Spot Gutter, Mill, and Pave

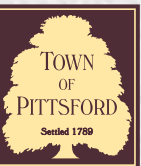
- Ambergate Rise
- Barrington Hills
- Mill Neck Lane
- Roxbury Lane



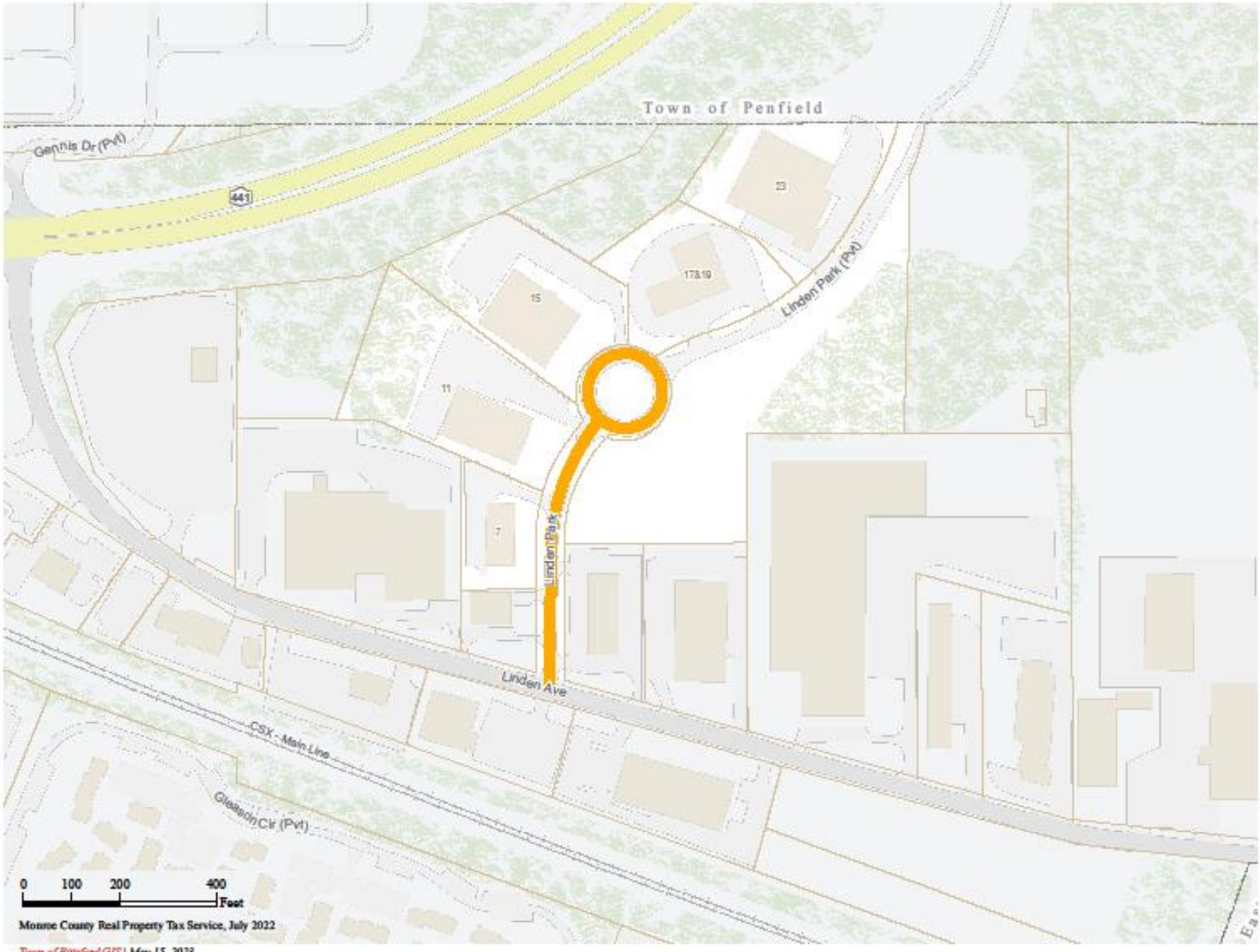
*Storm Sewer Investigations  
On-Going*

*Paving - August*

**2023 Road Work  
Schedule**







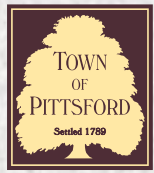
Capital Improvement – Gutter,  
Mill, and Pave

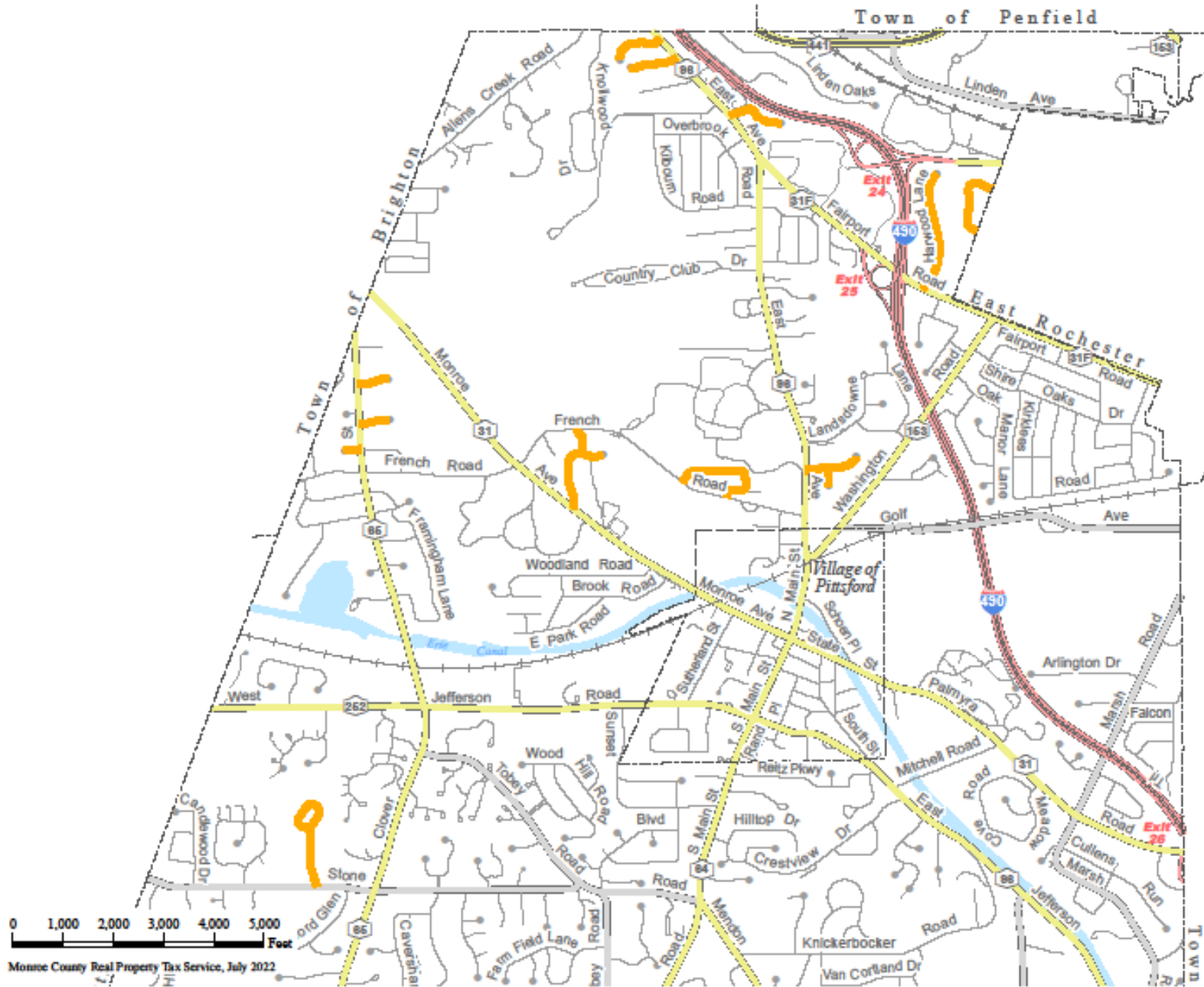
*“Bubble Road”*

- Linden Park

*Storm Sewer Work  
September*  
*Gutter and Paving  
Fall*

**2023 Road Work  
Schedule**





Monroe County Real Property Tax Service, July 2022

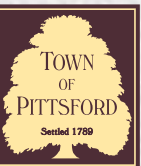
Town of Pittsford GIS | May 15, 2023

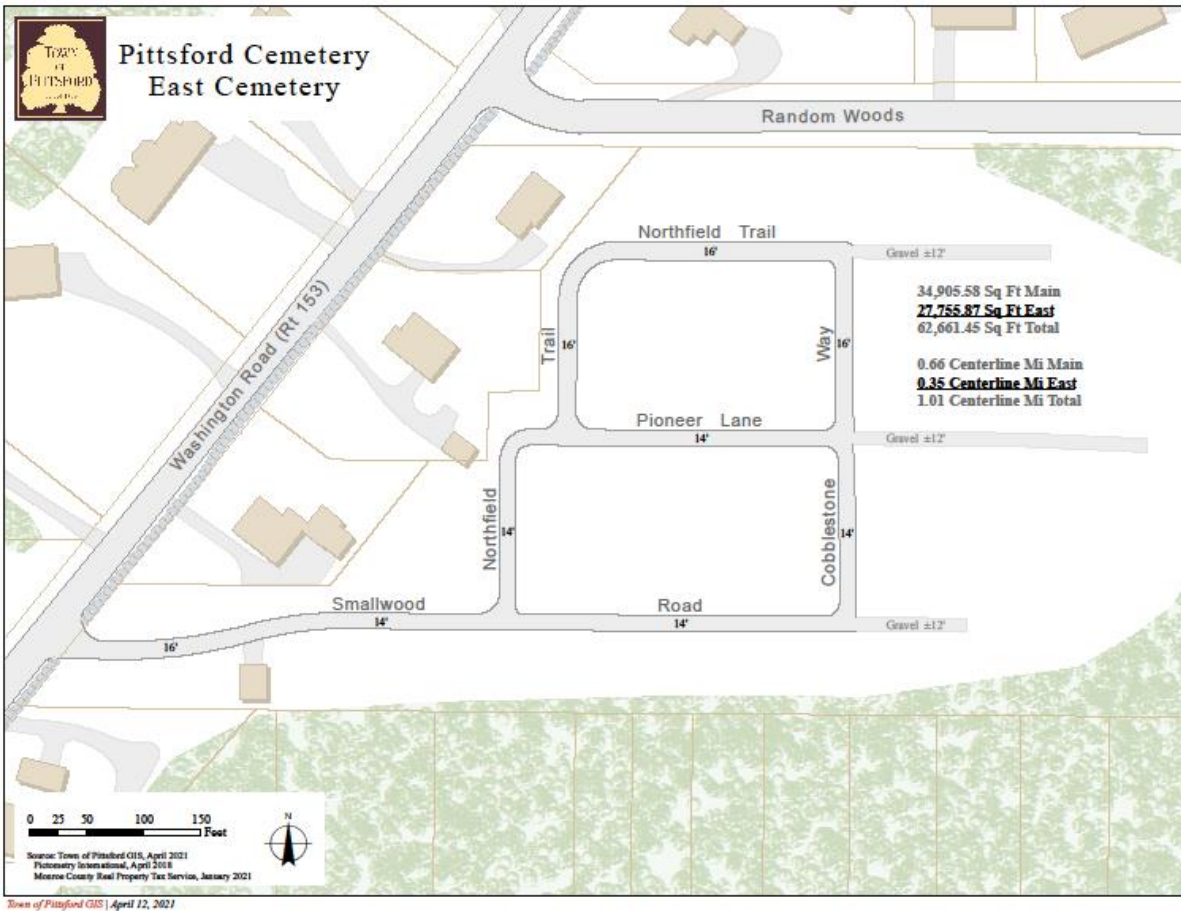
## Preventive Maintenance

- Bretton Woods Drive
- Colonial Parkway
- Creekside Lane
- Evergreen Lane
- Harleston Lane
- Harrison Circle
- Leeward Lane
- New England Drive
- Old Acre Lane
- Old Landmark Drive
- Pilgrim Circle
- Quaker Road
- Stoney Clover Lane
- Winding Road

*Prep Work – On Going*  
*Application - June*

**2023 Road Work  
 Schedule**





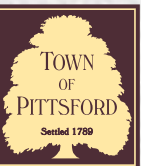
## Routine Maintenance

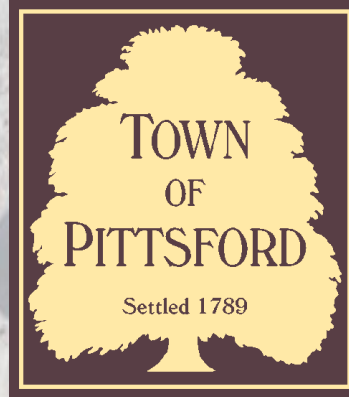
- Crack Filling
- Patching
- Pot Hole Repairs
- Sweeping
- Catch Basin Cleaning
- Sewer Televising and Flushing

## Miscellaneous Work

- Pittsford Cemetery (East) – Cold Mix Paving Treatment
- Catch Basin Crossover Repairs as Needed
- Sewer Department Parking Lot / Old Monroe Avenue

**2023 Road Work  
 Schedule**





# Questions?

**Paul Schenkel**

**Commissioner of Public Works**

**[pschenkel@townofpittsford.org](mailto:pschenkel@townofpittsford.org)**

**248-6250**