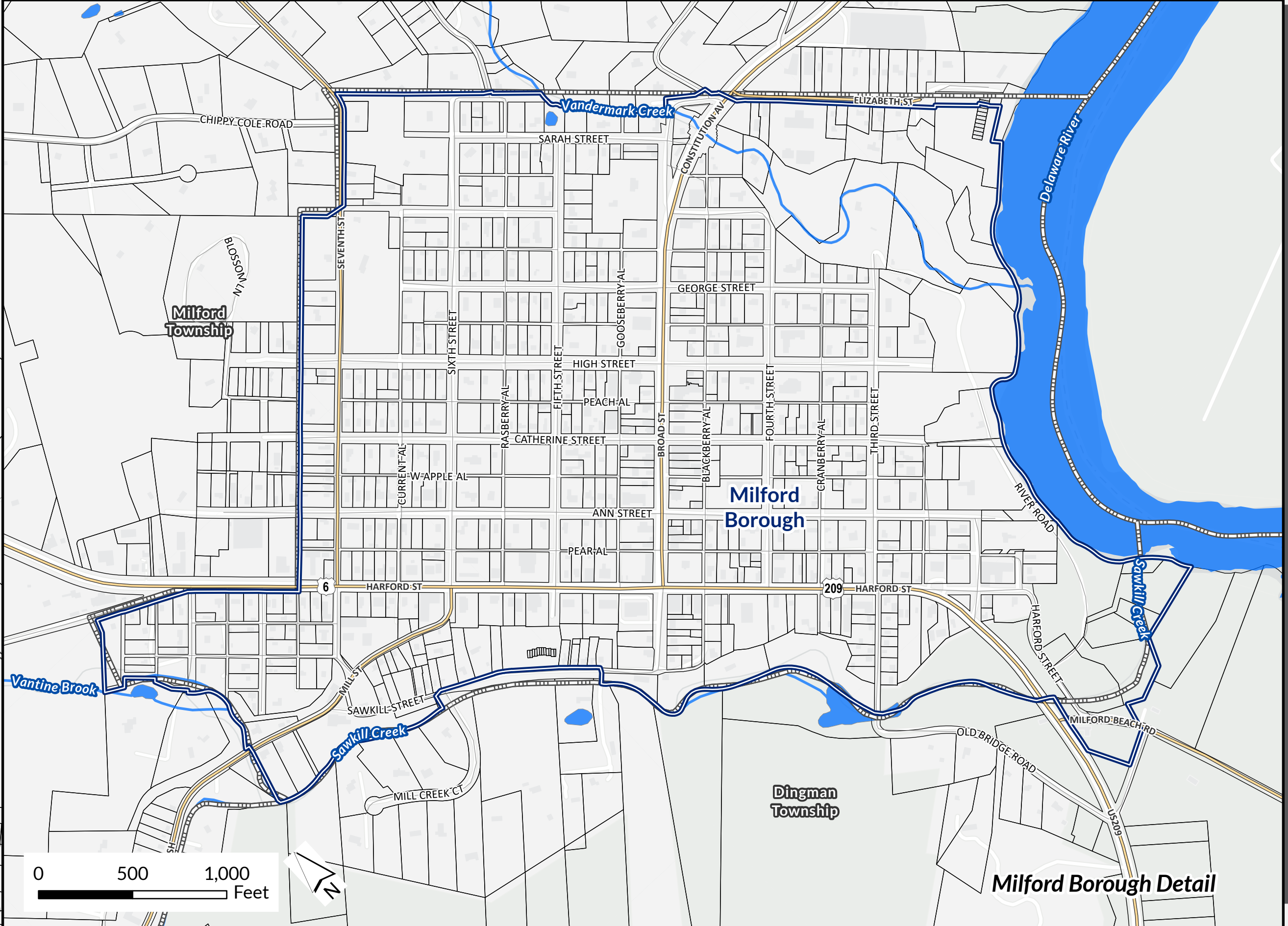


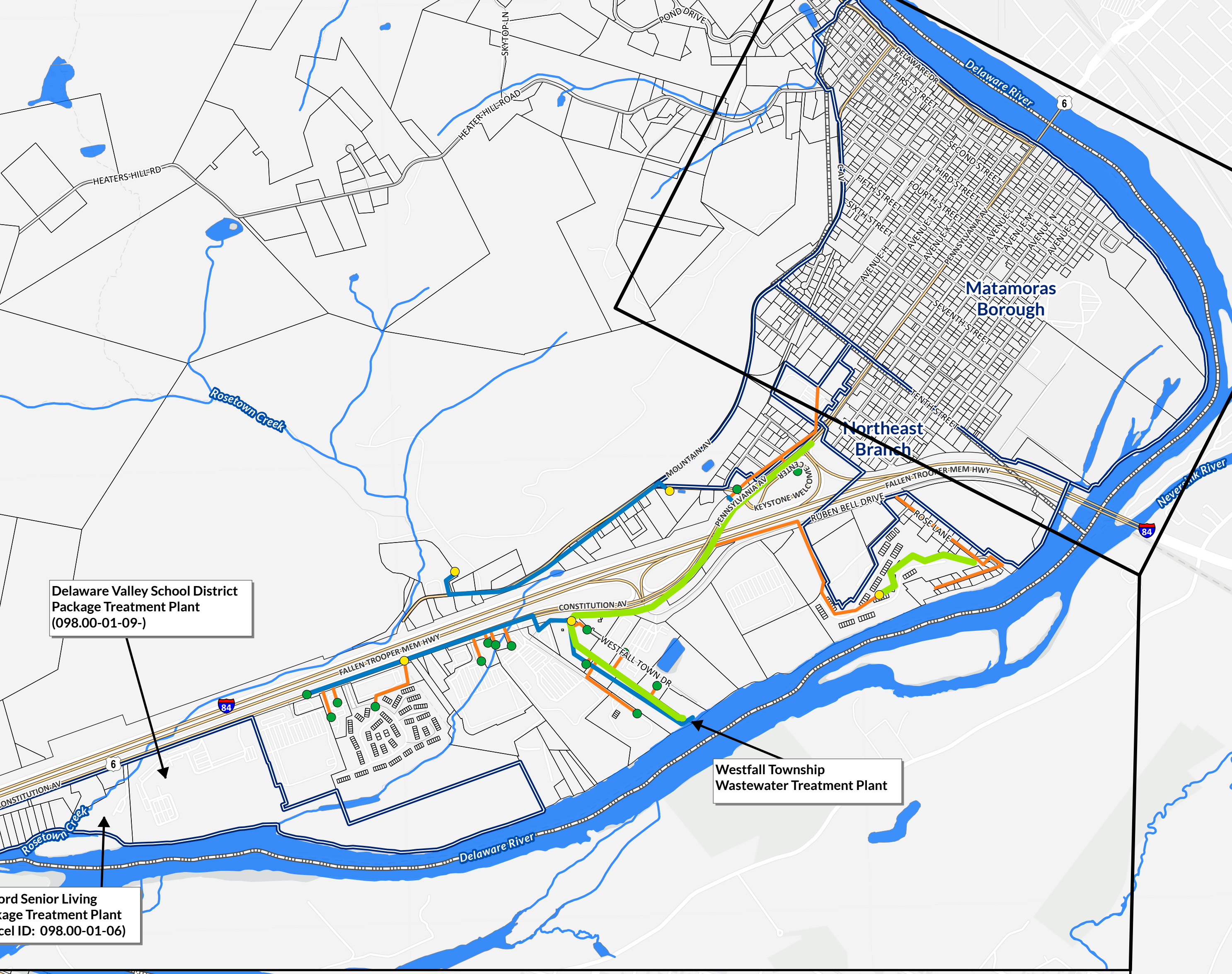
Exhibit B:  
Municipal  
Mapping



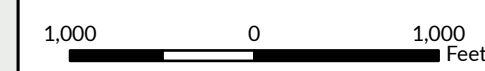
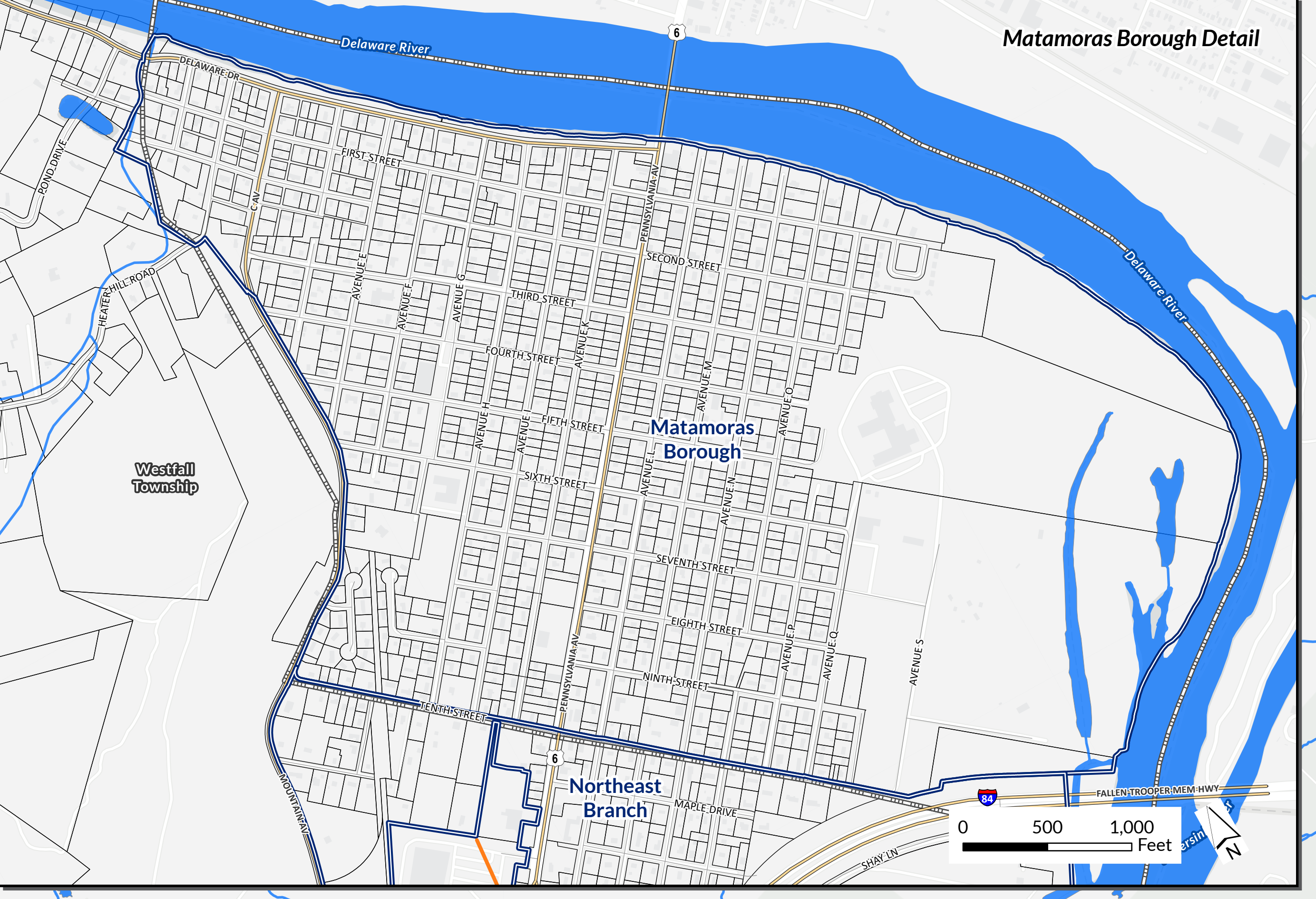
- Study Areas
- Existing Pump Station
- Authority Owned Pump Station
- Privately Owned Pump Station
- Existing Sanitary Sewer Pipe
- 4" or less Force Main
- 6" Force Main
- 8" Force Main
- Parcel Boundaries
- Interstate
- State Roads
- Local Roads
- Municipal Boundary



Milford Borough Detail



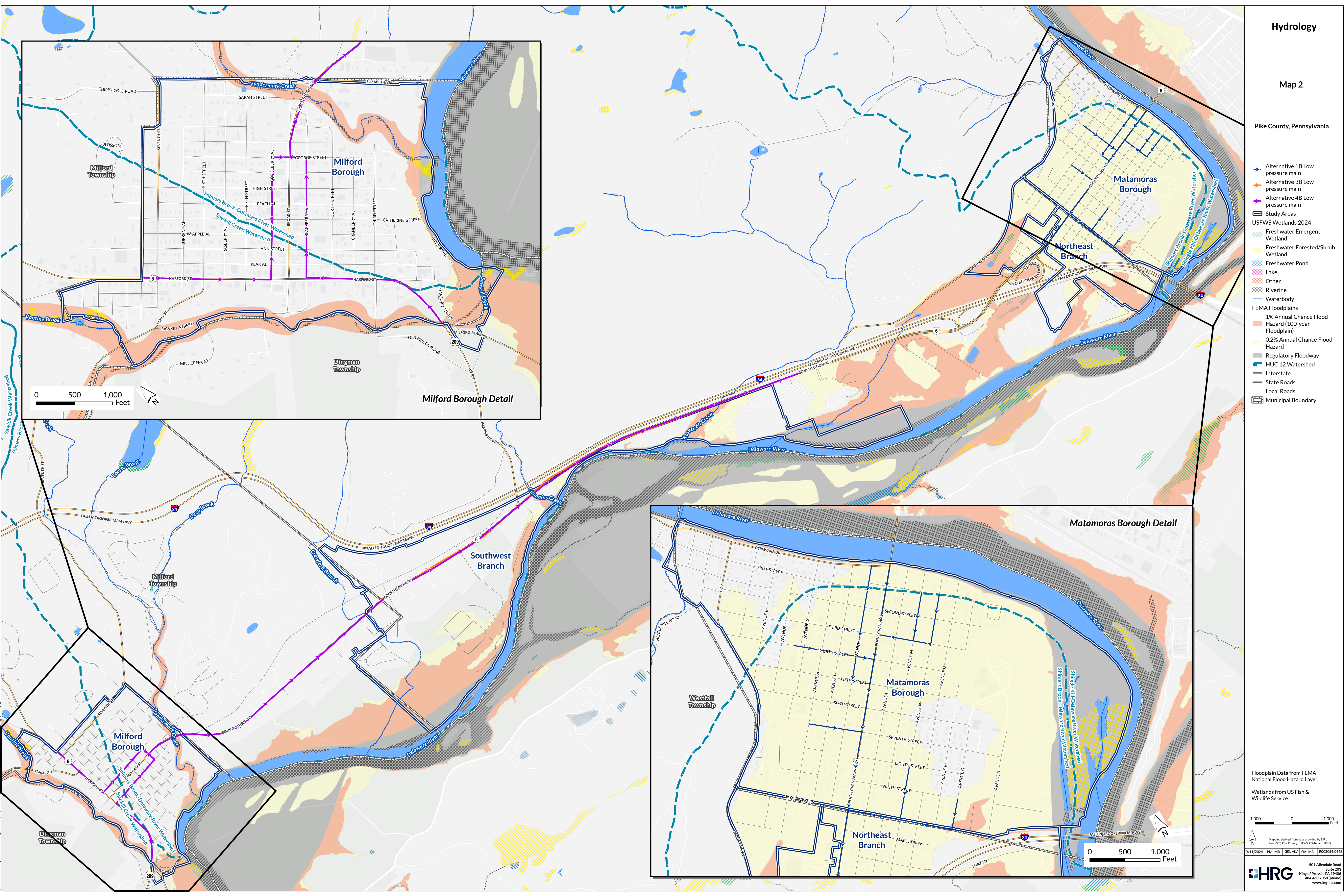
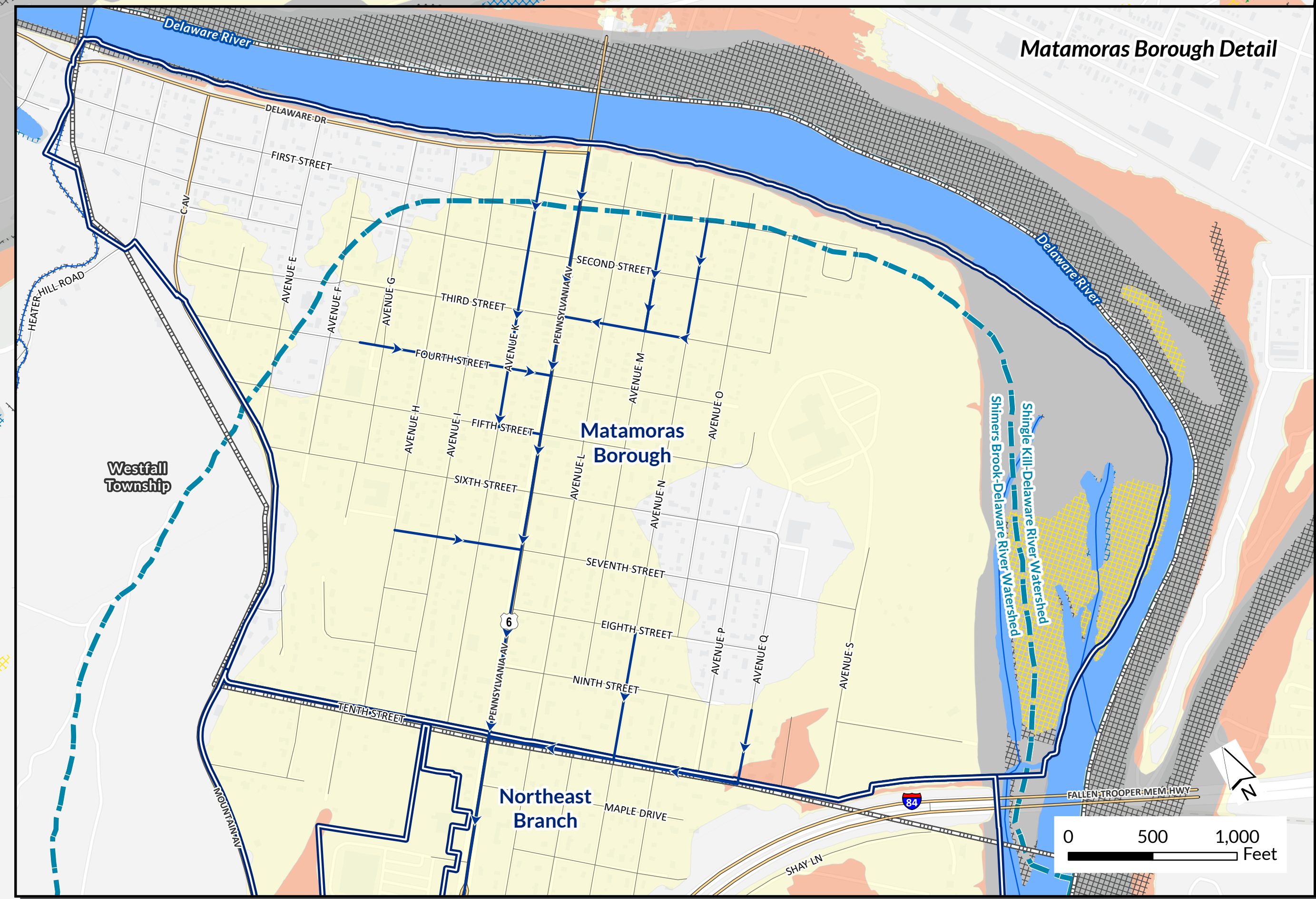
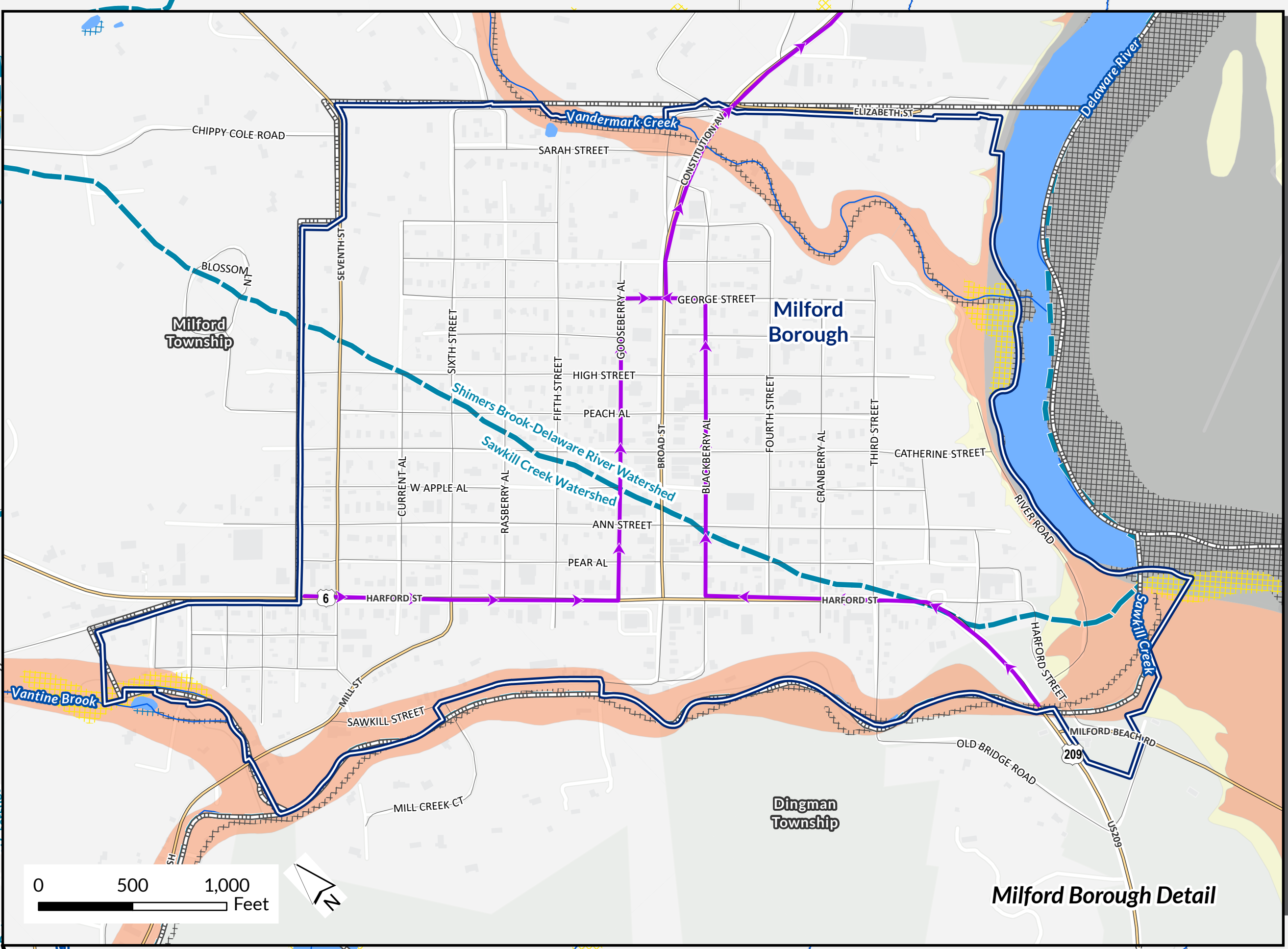
Matamoras Borough Detail



Mapping derived from data provided by ESRI, PennDOT, Pike County, and USGS.

8/29/2024 PM: MR GIS: ALV CA: MR R003054-0448

- Alternative 1B Low pressure main
- Alternative 3B Low pressure main
- Alternative 4B Low pressure main
- Study Areas
- USFWS Wetlands 2024
  - Freshwater Emergent Wetland
  - Freshwater Forested/Shrub Wetland
  - Freshwater Pond
  - Lake
  - Other
  - Riverine
  - Waterbody
- FEMA Floodplains
  - 1% Annual Chance Flood Hazard (100-year Floodplain)
  - 0.2% Annual Chance Flood Hazard
  - Regulatory Floodway
- HUC 12 Watershed
- Interstate
- State Roads
- Local Roads
- Municipal Boundary



Soils

Map 3

Pike County, Pennsylvania

- Study Areas
- Waterbody
- Municipal Boundary

Soils

- 111B
- 11A
- 121D
- 121F
- 14
- 143
- 15
- 18
- 19B
- 20
- 21B
- 21C
- 239B
- 239C
- 239D
- 240F
- 24A
- 24B
- 24C
- 25B
- 25C
- 26
- 27
- 30B
- 30C
- 38B
- 38C
- 402C
- 402E
- 442B
- 442D
- 5B
- 60B
- 60C
- 61B
- 61C
- 75
- 7B
- 7C
- 897B
- 897C
- 89B
- 89C
- 89D
- 97B
- 9B
- BP
- W; WATER

Soil data from USDA NRCS Web Soil Survey Accessed 2024-08-28

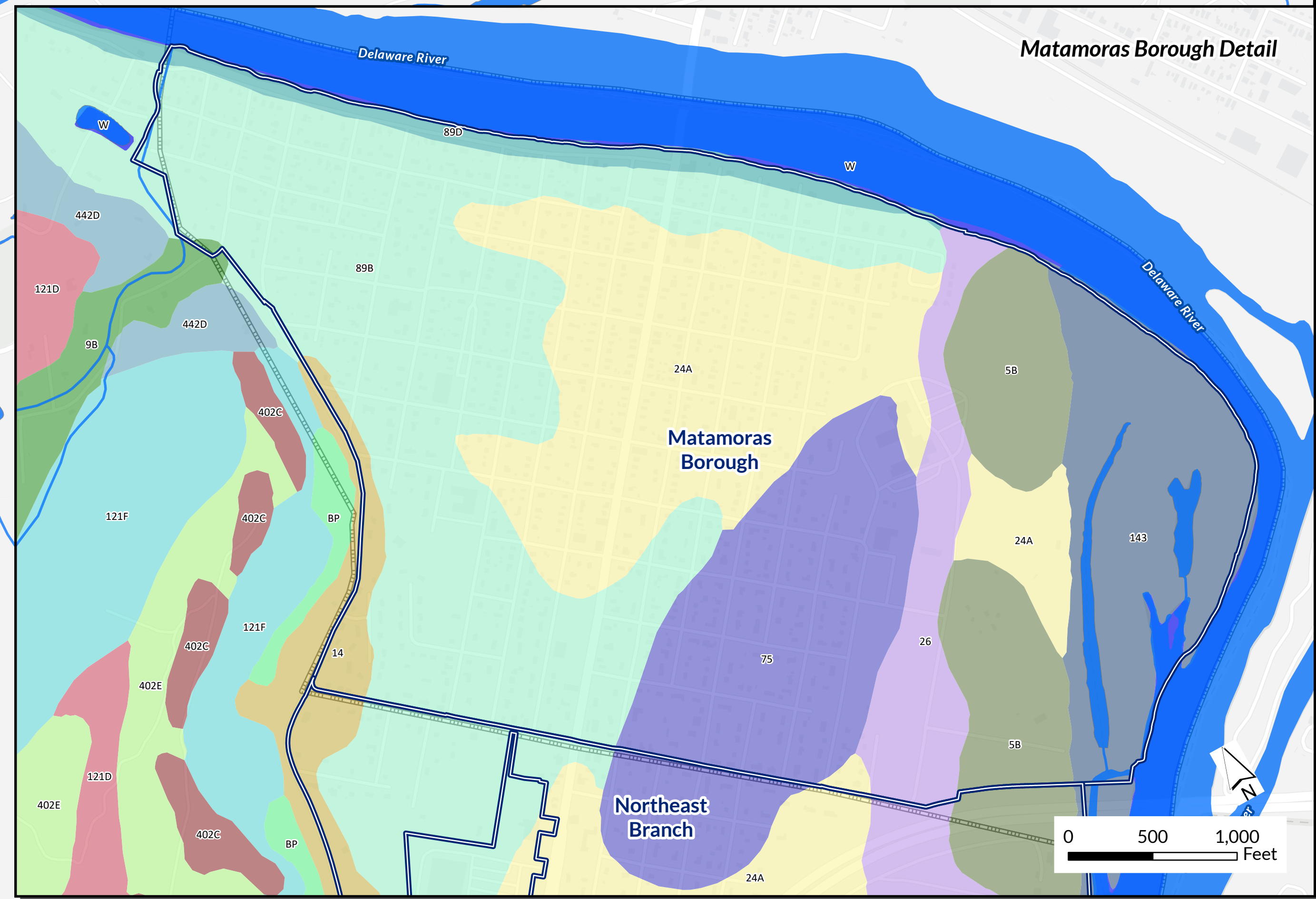
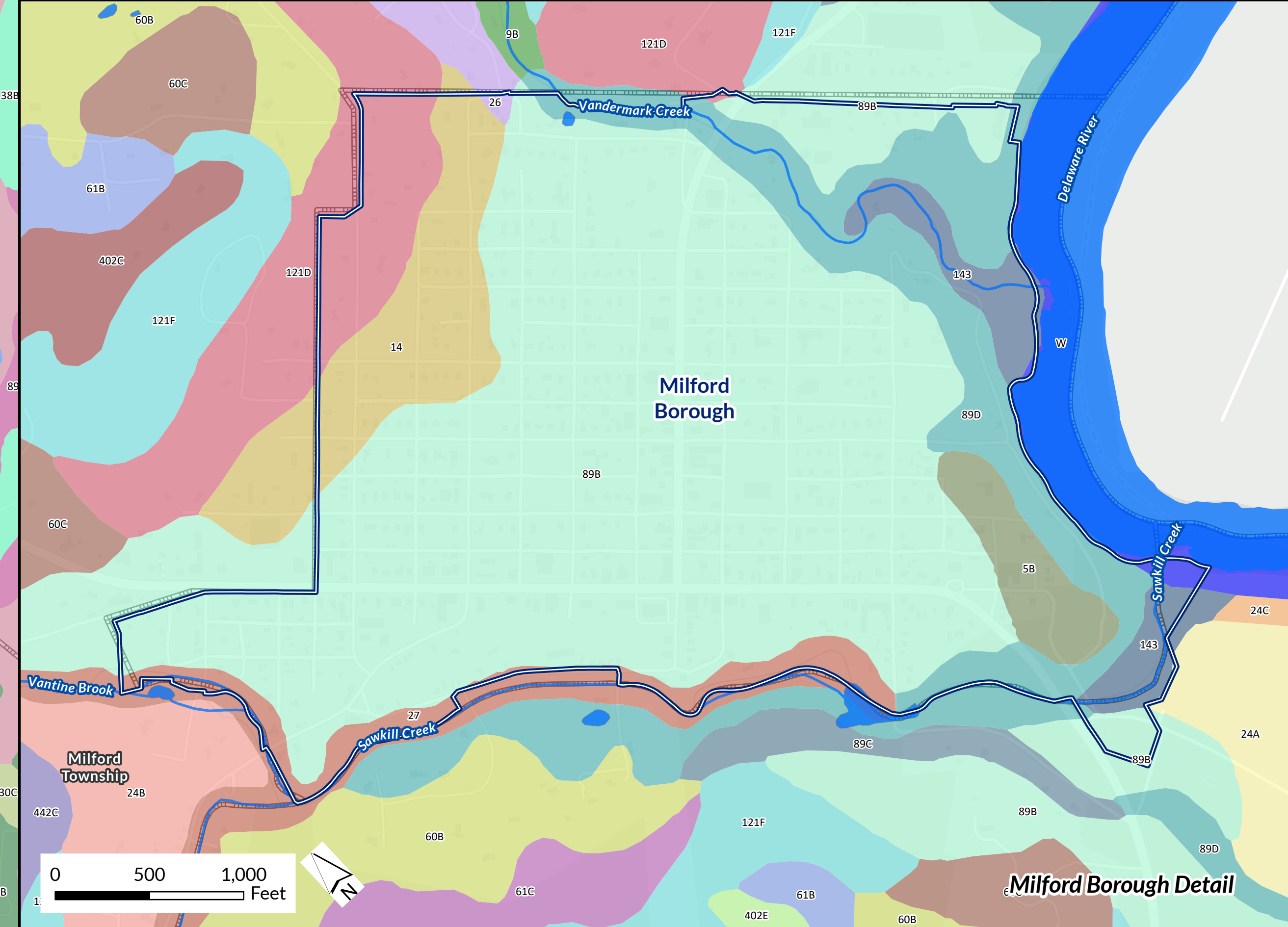
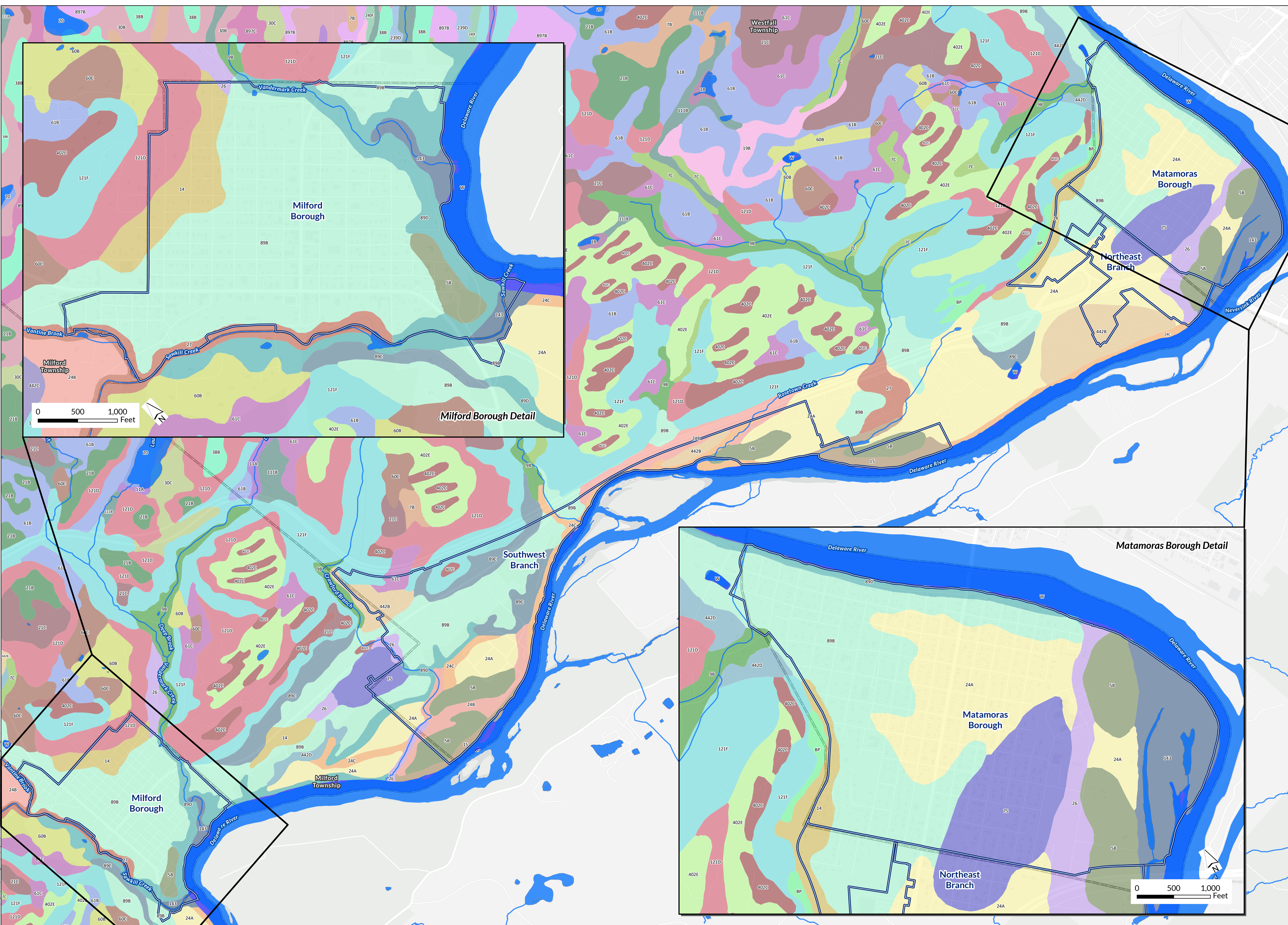
Tabular: Version 16, Sep 7, 2023 Spatial: Version 4, Sep 17, 2019

1,000 0 1,000 Feet

Mapping derived from data provided by ESRI, PennDOT, Pike County, USDA NRCS, and USGS.

8/28/2024 PM: MR GIS: ALV QA: MR 0003054.0448

501 Allendale Road Suite 202 King of Prussia, PA 19406 484.460.7150 (phone) www.hrg.com



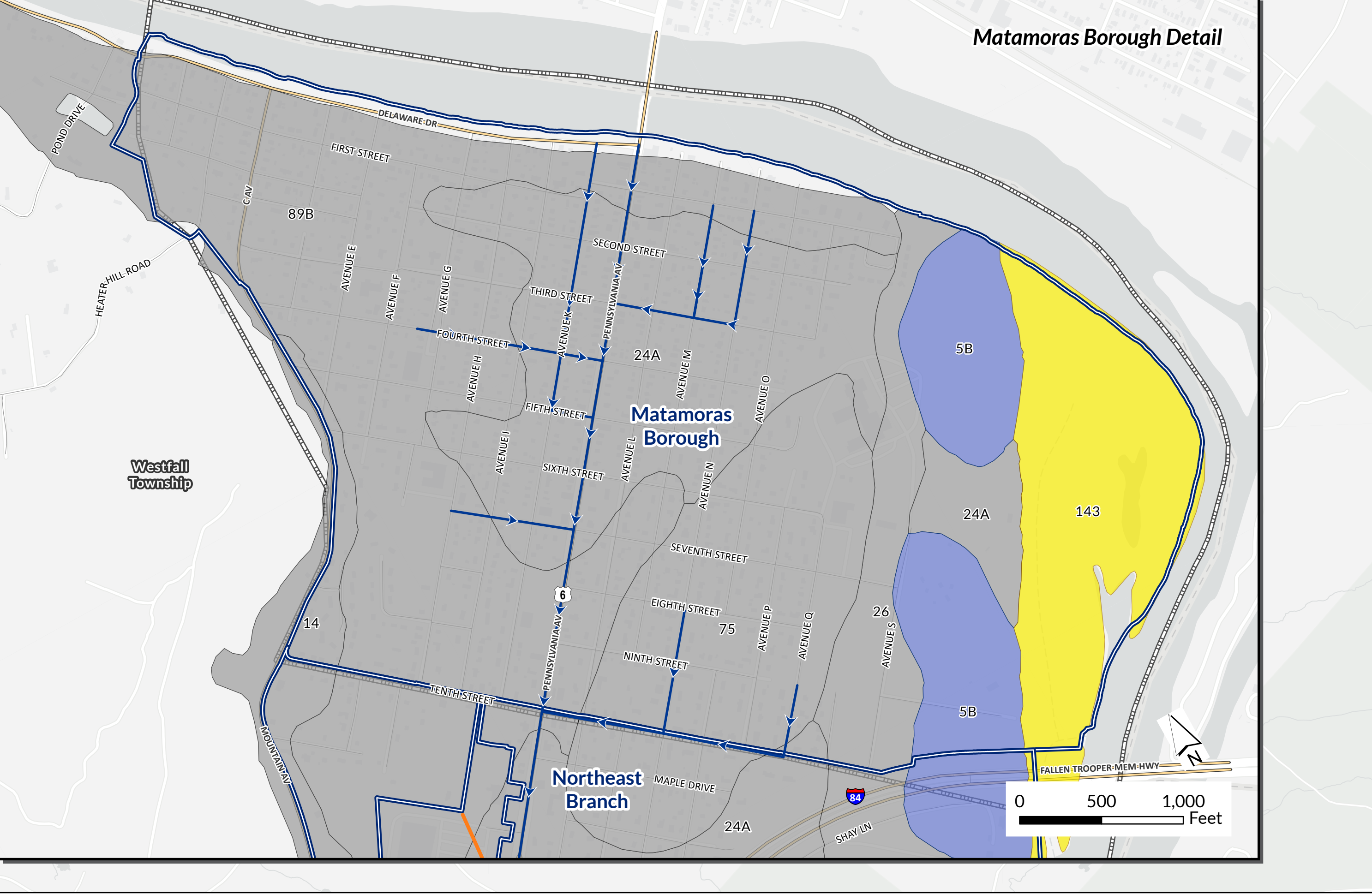
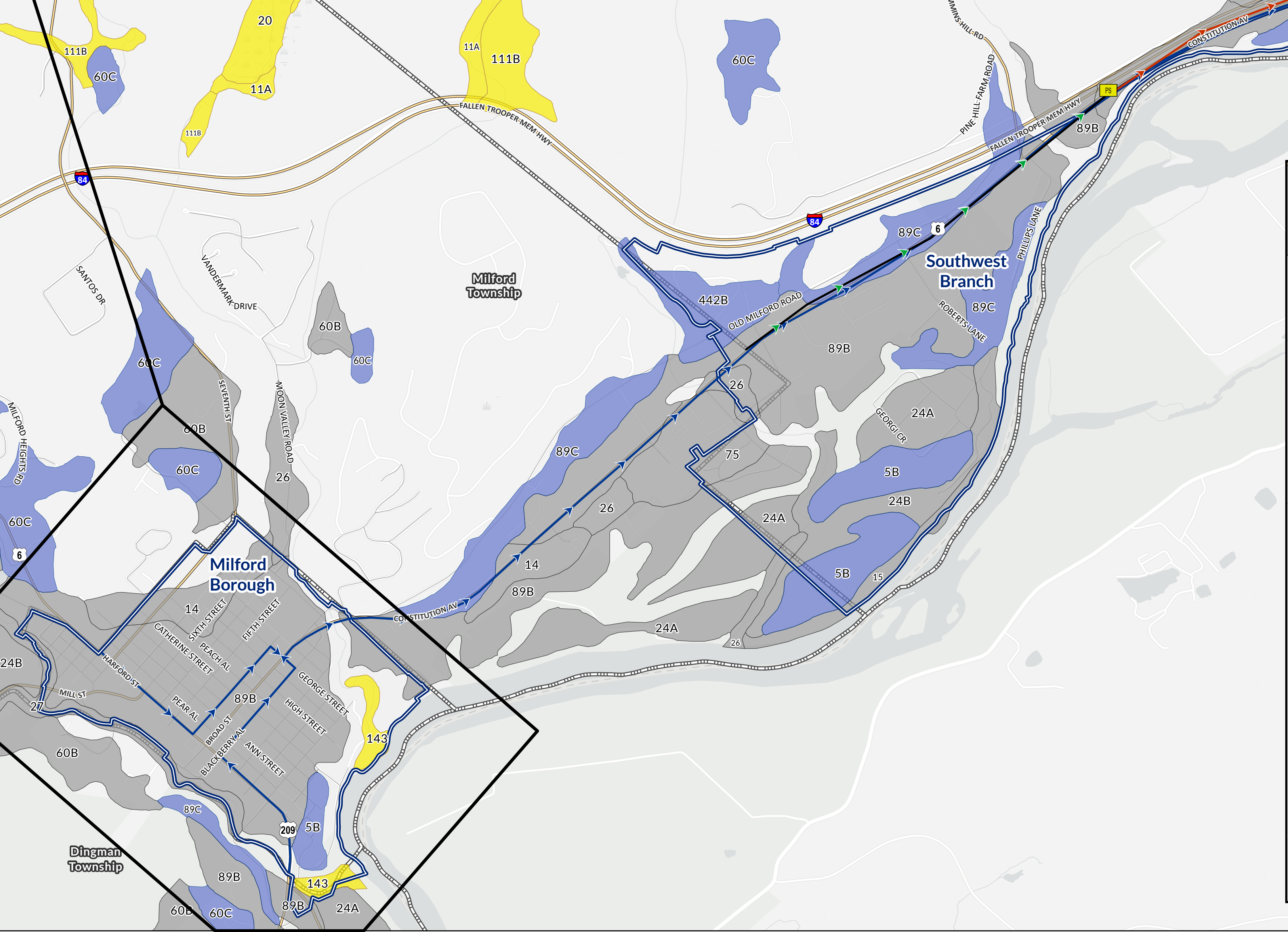
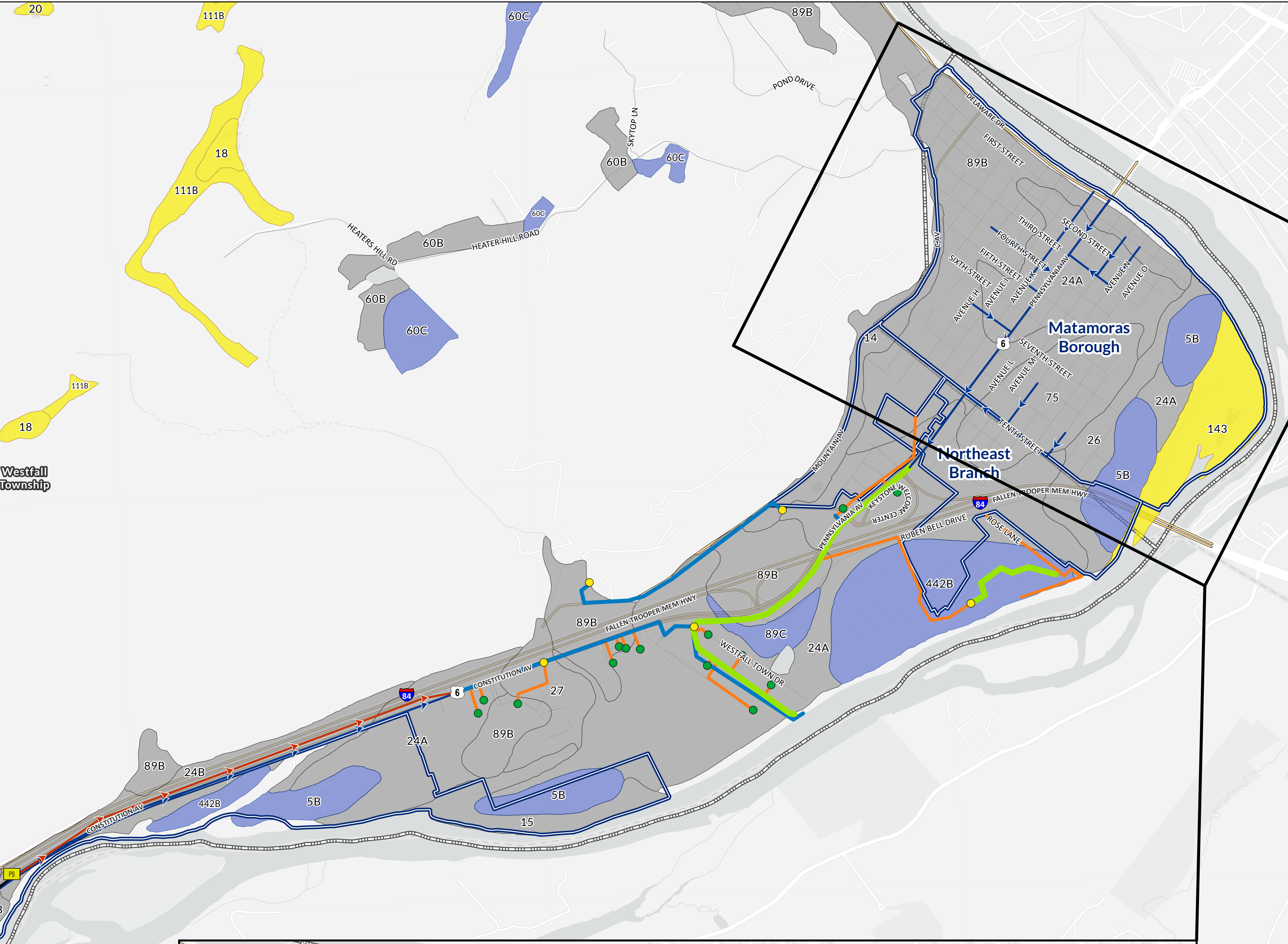
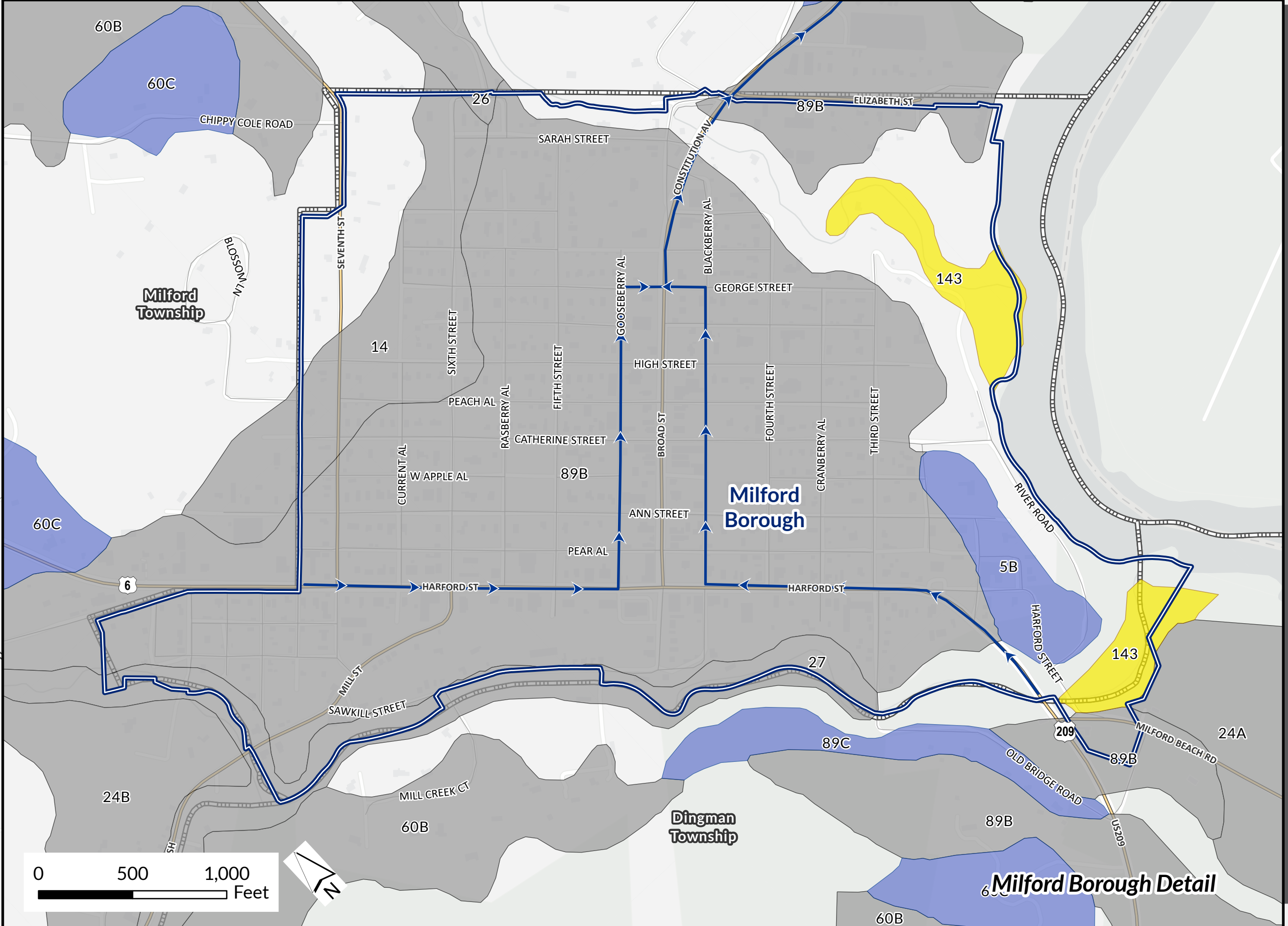
\\SRV1501\GIS\Projects\2024\08\08\_Soils\_PikeCounty\Map3\Map3\_Soils.mxd 03/28/2024 10:24:36 AM

Soil Designations

Map 4

Pike County, Pennsylvania

- Alternative 1B Low pressure main
- Alternative 3A Pump Station
- Alternative 3A Gravity Main
- Alternative 3A Force Main
- Alternative 4B Low pressure main
- Study Areas
- Existing Pump Station
  - Authority Owned Pump Station
  - Privately Owned Pump Station
- Existing Sanitary Sewer Pipe
  - 4" or less Force Main
  - 6" Force Main
  - 8" Force Main
- Hydric Soils
- Farmland of Statewide Importance
- Prime Agricultural Soils
- Interstate
- State Roads
- Local Roads
- Municipal Boundary



Soil data from USDA NRCS Web Soil Survey Accessed 2024-08-28

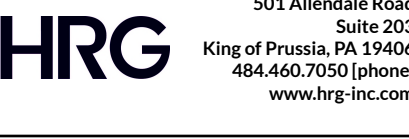
Tabular: Version 16, Sep 7, 2023 Spatial: Version 4, Sep 17, 2019

1,000 0 1,000 Feet

Mapping derived from data provided by ESRI, PennDOT, Pike County, USDA NRCS, and USGS.

9/11/2024 PM: MR GIS: ALV QA: MR R003054.0448

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# Soil Suitability

## Map 5

Pike County, Pennsylvania

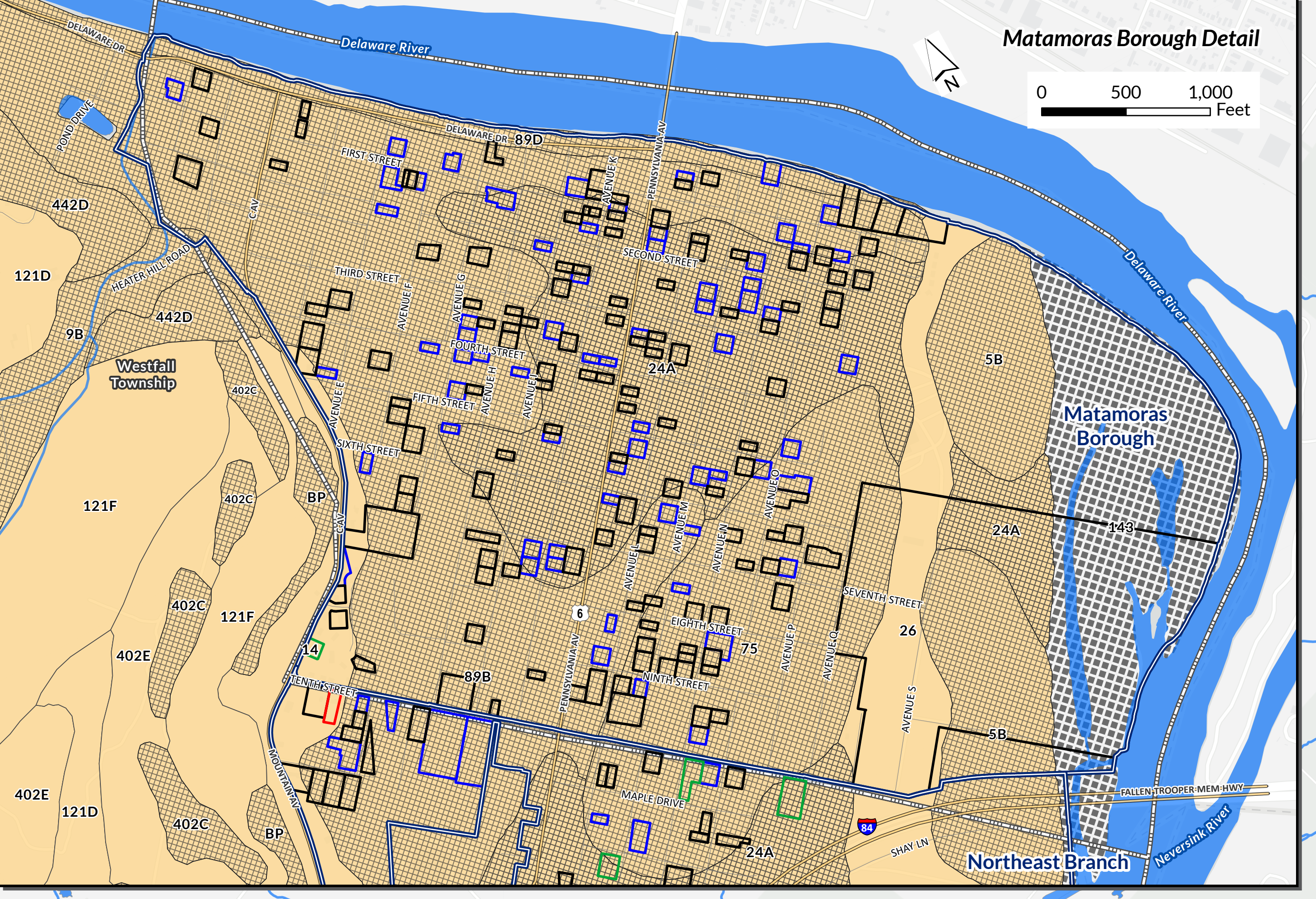
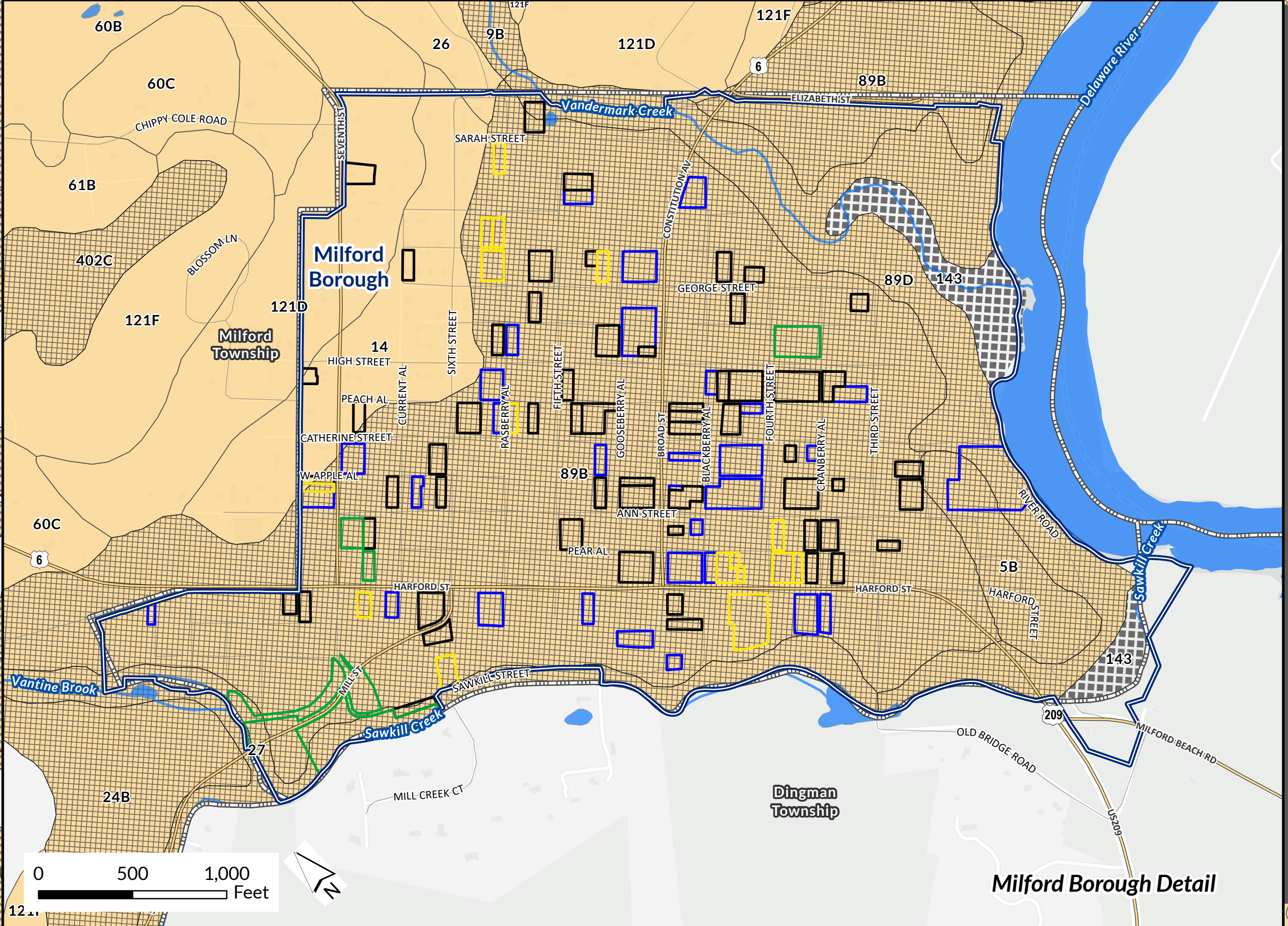
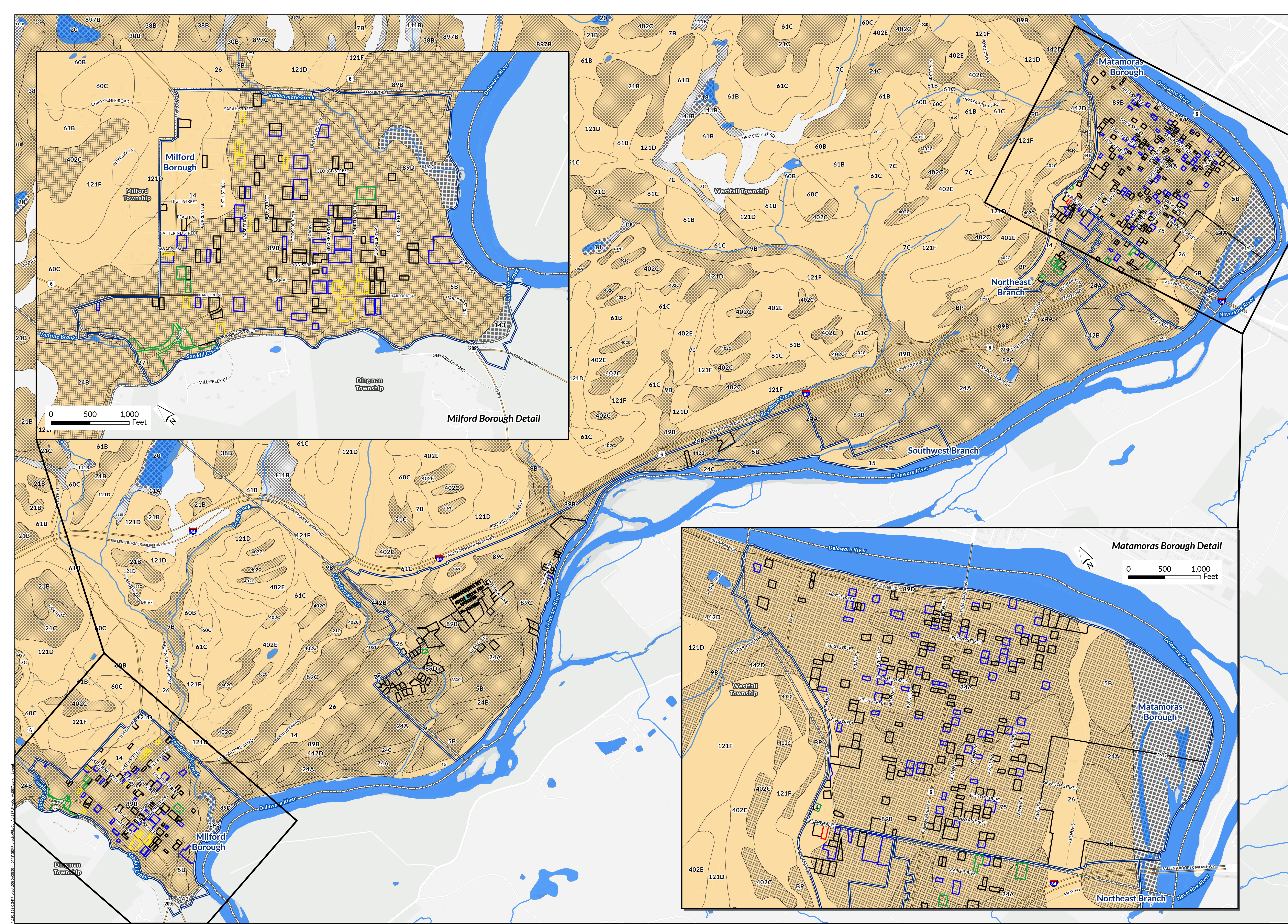
### OLDS Type

- Cesspool (105)
- Septic Tank (254)
- None (15)
- Elevated Sand Mound (13)
- Community System (1)
- Dry Well (1)

- Suitable for Conventional In-Ground systems
- Unsuitable for Any System

- Suitable for Elevated Sand Mound
- Study Areas
- Interstate
- State Roads
- Local Roads
- Municipal Boundary
- Waterbody

Soil type 27 is marginal for conventional and suitable for sand mound



Soil data from USDA NRCS Web Soil Survey 2020

1:000 0 1:000 Feet









Mapping derived from data provided by ESRI, PennDOT, Pike County, USDA NRCS, and USGS.

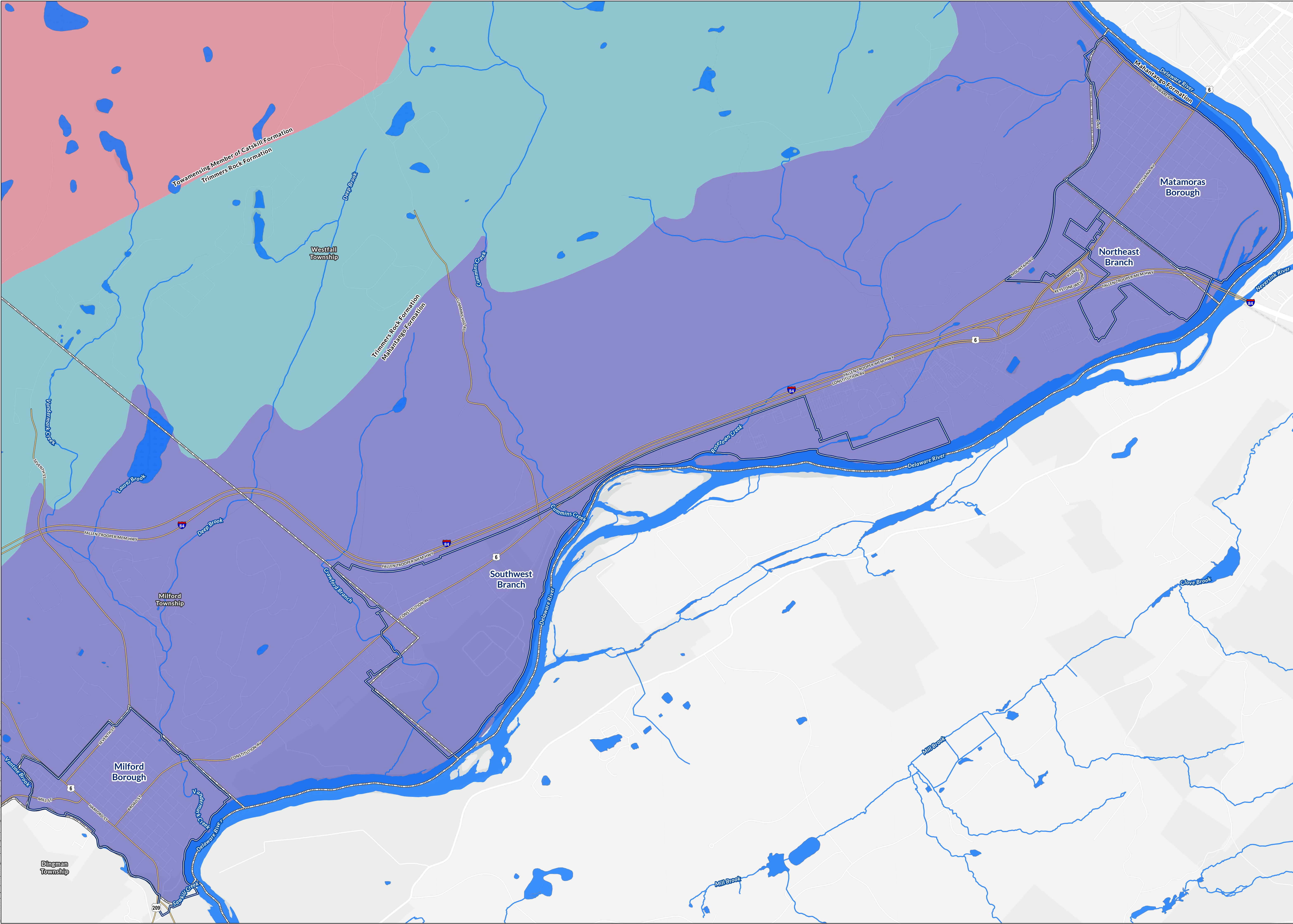
9/26/2024 PM: MR GIS: ALV QA: MR R003054-0448

Geology

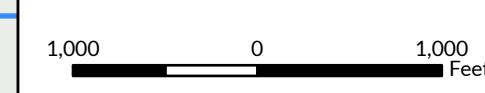
Map 6

Pike County, Pennsylvania

-  Study Areas
- Geologic Formations**
-  Mahantango Formation
-  Towamensing Member of Catskill Formation
-  Trimmers Rock Formation
-  Interstate
-  State Roads
-  Municipal Boundary
-  Waterbody



Geology data from PA DCNR, 2020



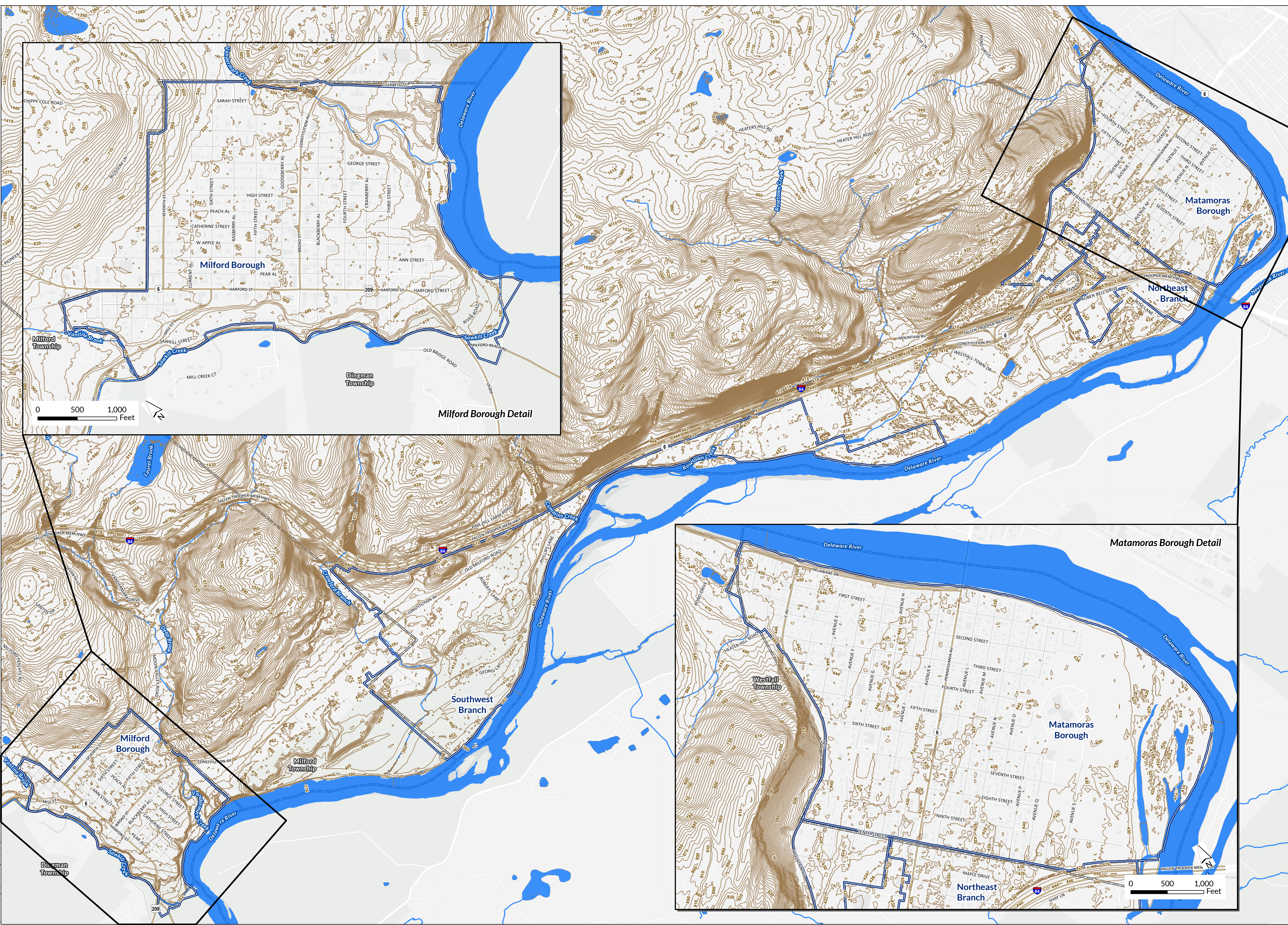
Mapping derived from data provided by ESRI, PennDOT, Pike County, PA DCNR, and USGS.

8/29/2024 PM: MR GIS: ALV QA: MR R003054-0448

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-  Study Areas
-  10ft contours
-  Waterbody
-  Municipal Boundary
-  Interstate
-  State Roads
-  Local Roads



0 500 1,000  
Feet

Milford Borough Detail

Matamoras Borough Detail

0 500 1,000  
Feet

Soil data from USDA NRCS  
Web Soil Survey  
Accessed 2024-08-28

Tabular: Version 16, Sep 7, 2023  
Spatial: Version 4, Sep 17, 2019

1:000 0 1:000  
Feet

Mapping derived from data provided by ESRI,  
PennDOT, Pike County, USDA NRCS, and USGS.

8/29/2024 PM: MR GIS: ALV QA: MR 0003054.0448



**OLDS Status and Sampling Results**

Map 8

Pike County, Pennsylvania

**HRG Survey and Sampling Results**

**On-Lot Malfunction Status**

- No Malfunction (208)
- Suspected (187)
- Confirmed (16)

**Well Water Nitrate-Nitrite (mg/L)**

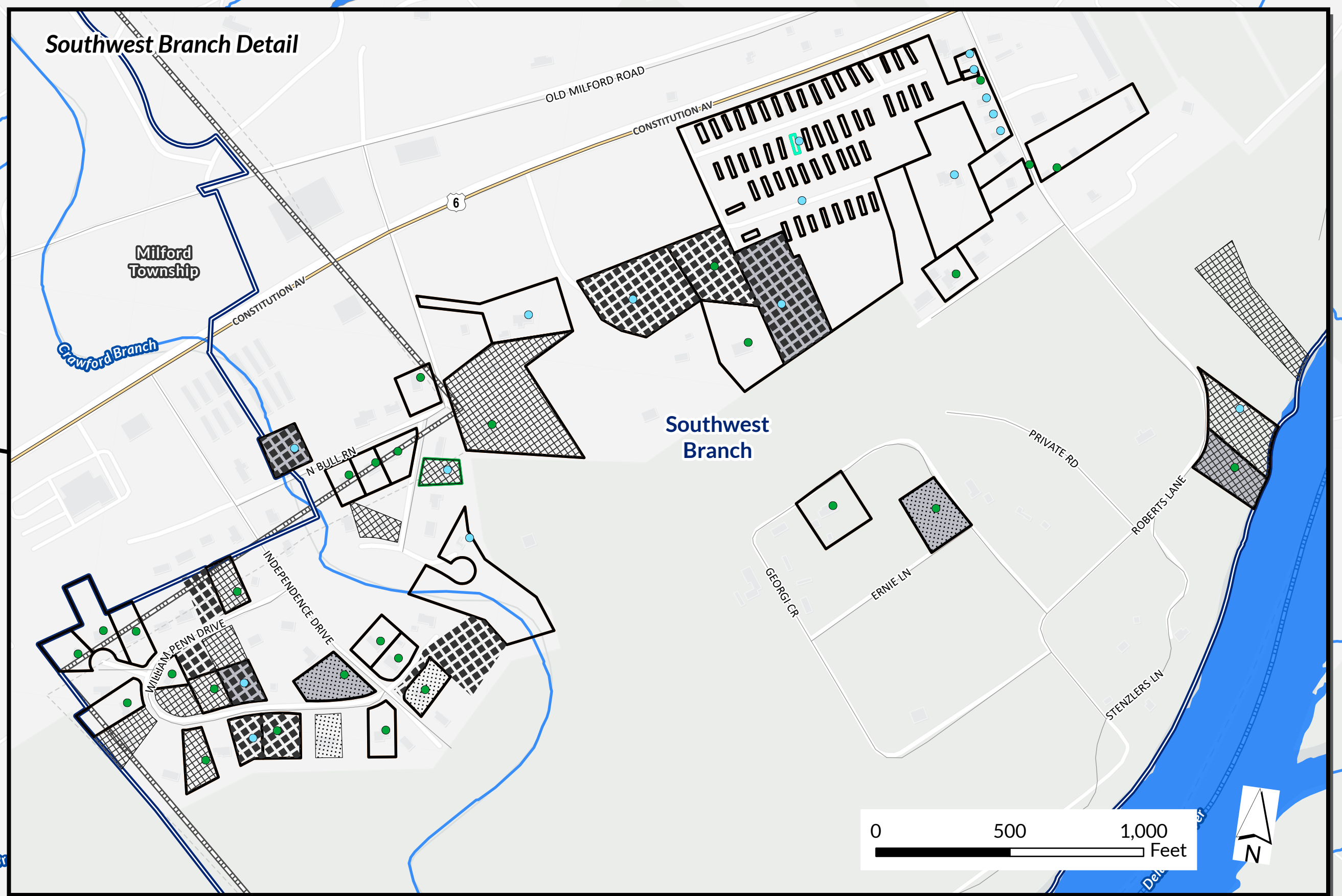
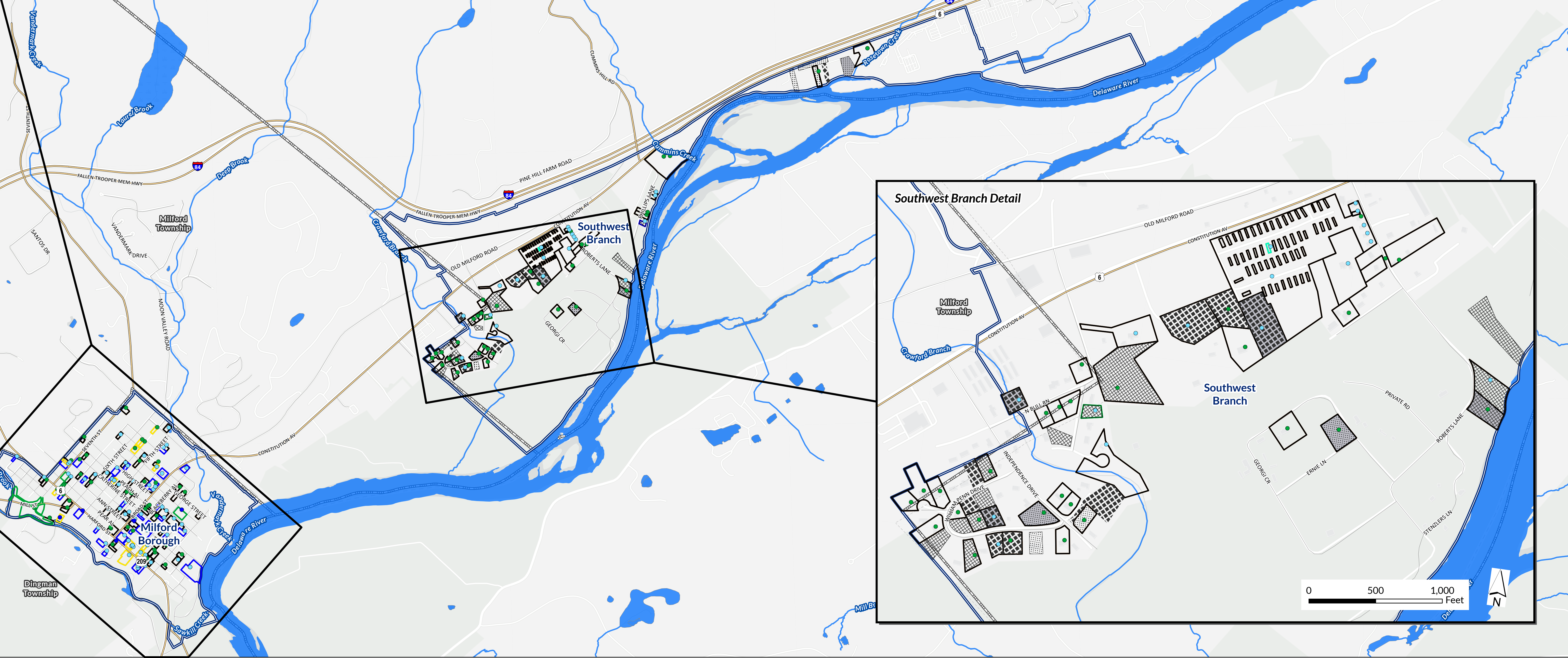
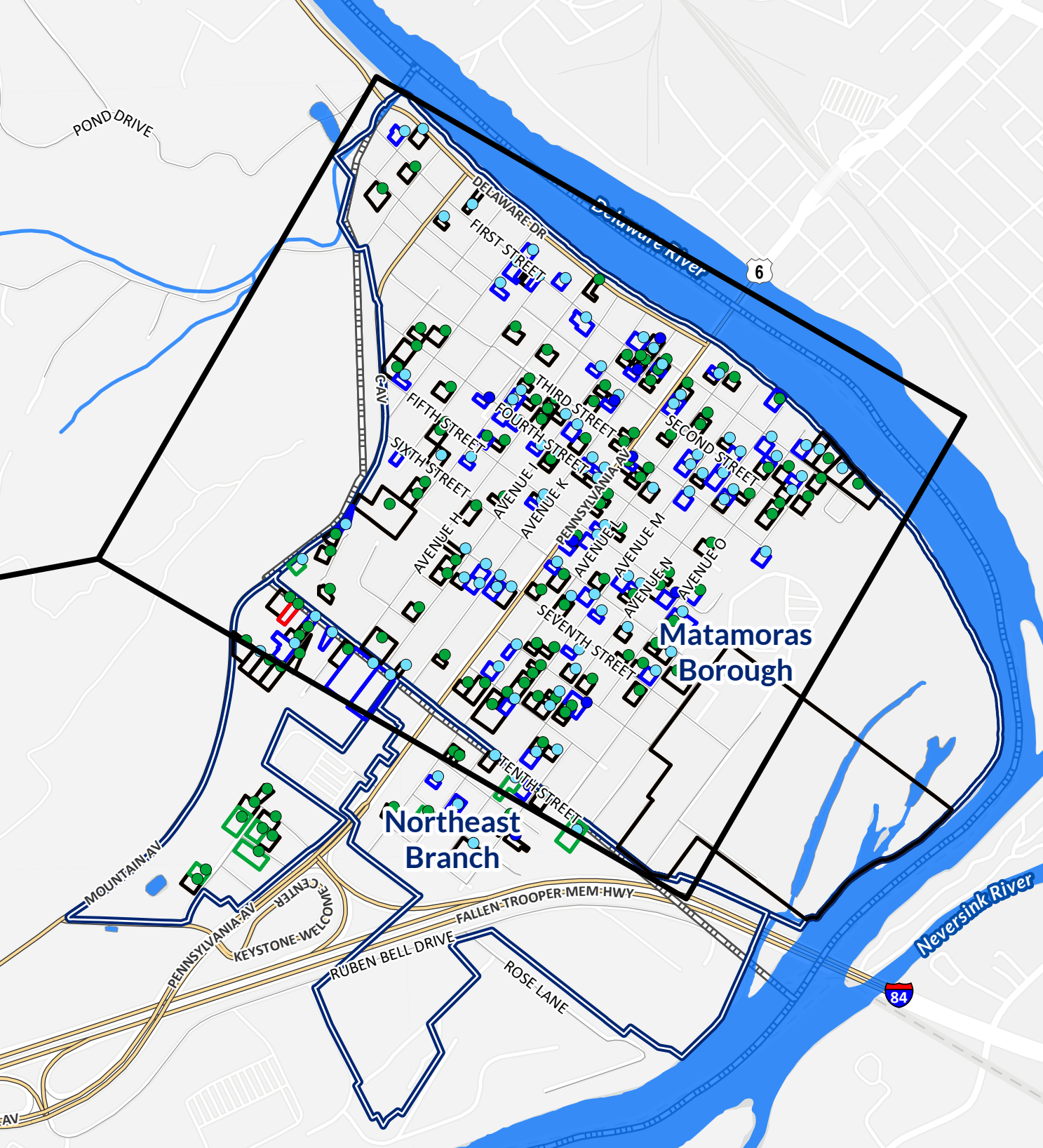
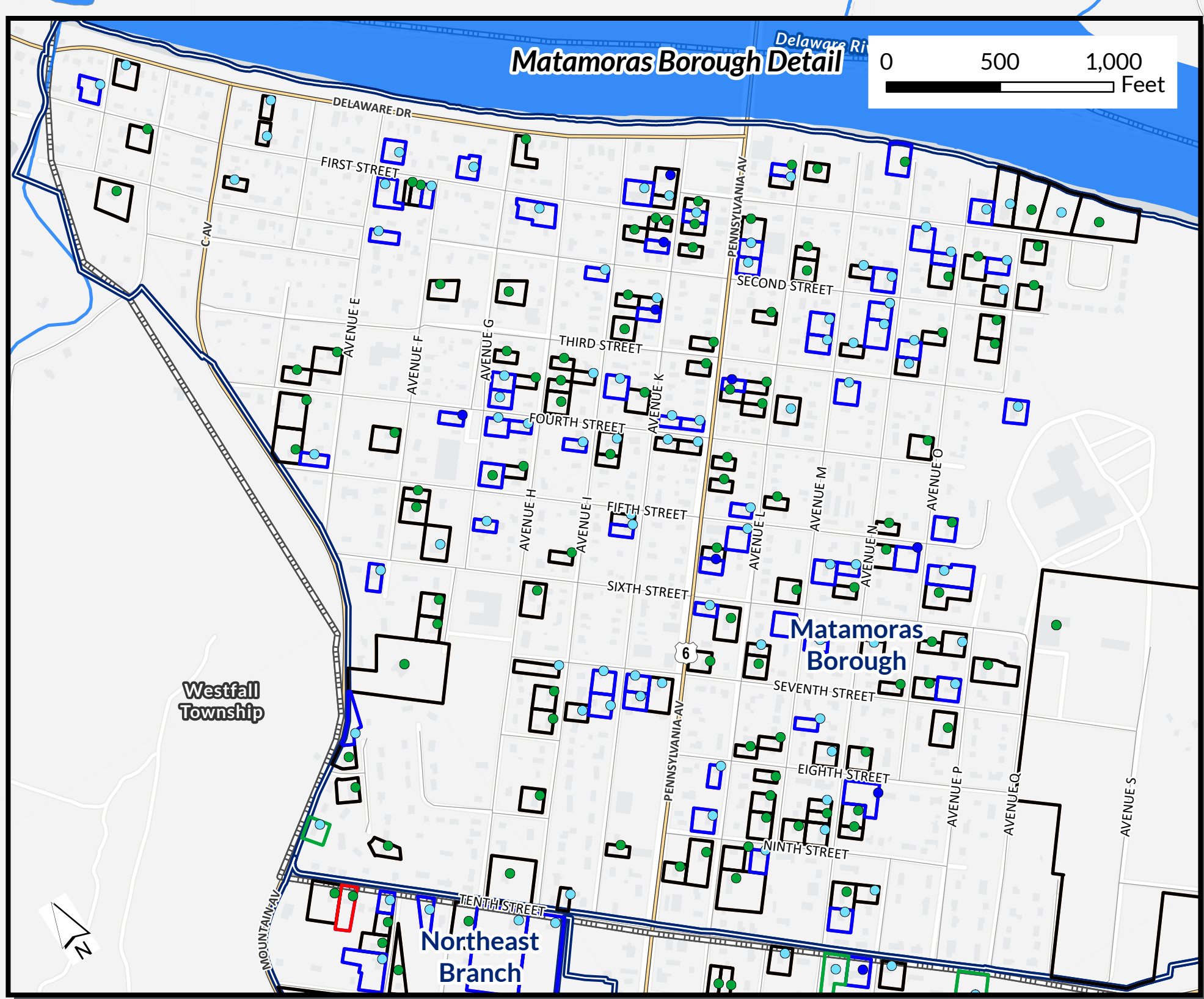
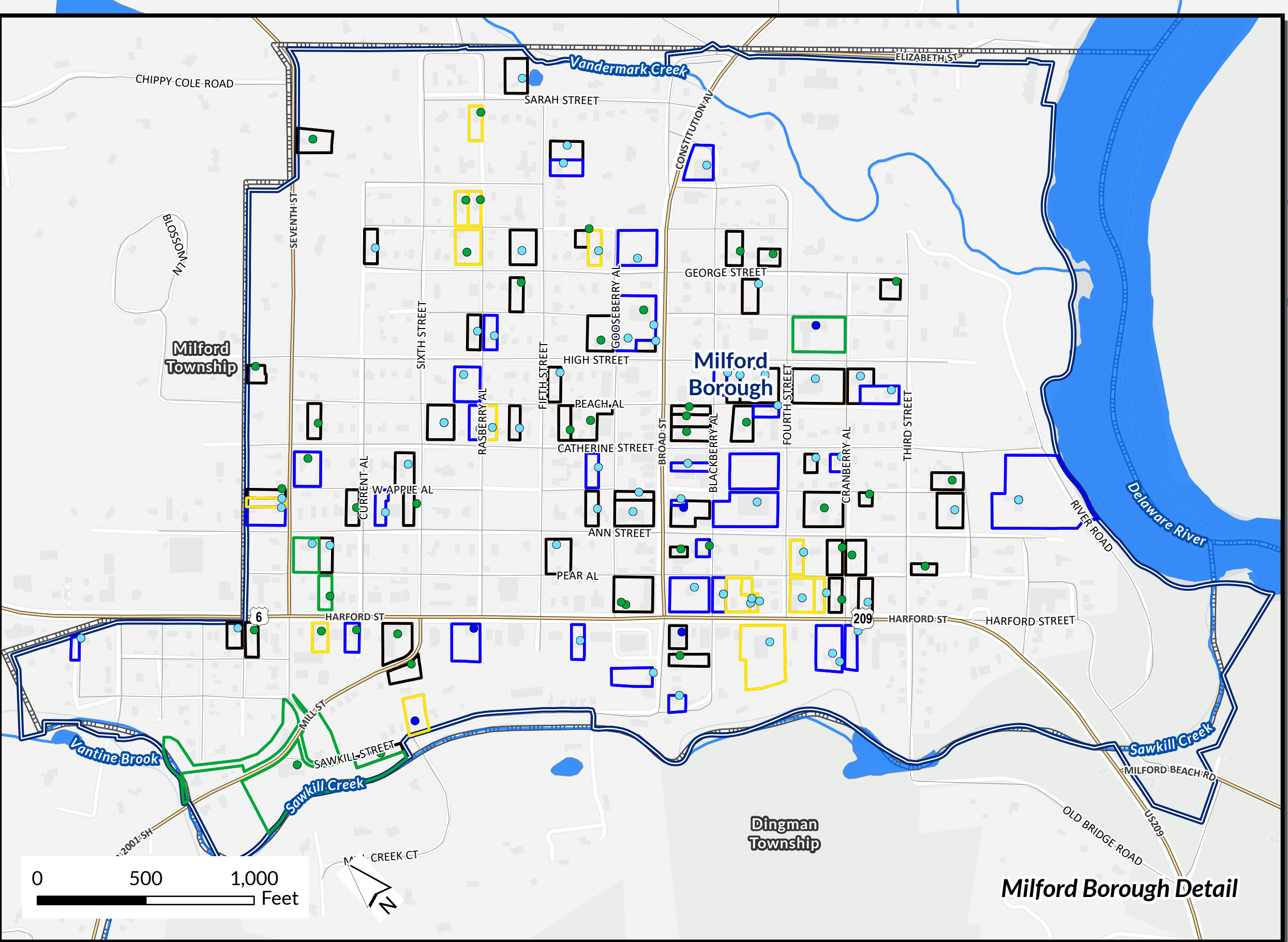
- < 1 mg/L (11)
- < 2.5 mg/L (13)
- Not Detected (8)

**Well Water (Total Coliform)**

- Present (7)

**OLDS Type**

- Septic Tank (254)
- Cesspool (105)
- Elevated Sand Mound (13)
- Community System (1)
- Dry Well (1)
- Waterbody
- Interstate
- State Roads
- Local Roads
- Municipal Boundary
- Study Areas



1,000 0 1,000 Feet

Mapping derived from data provided by ESRI, PennDOT, Pike County, USDA NRCS, and USGS.

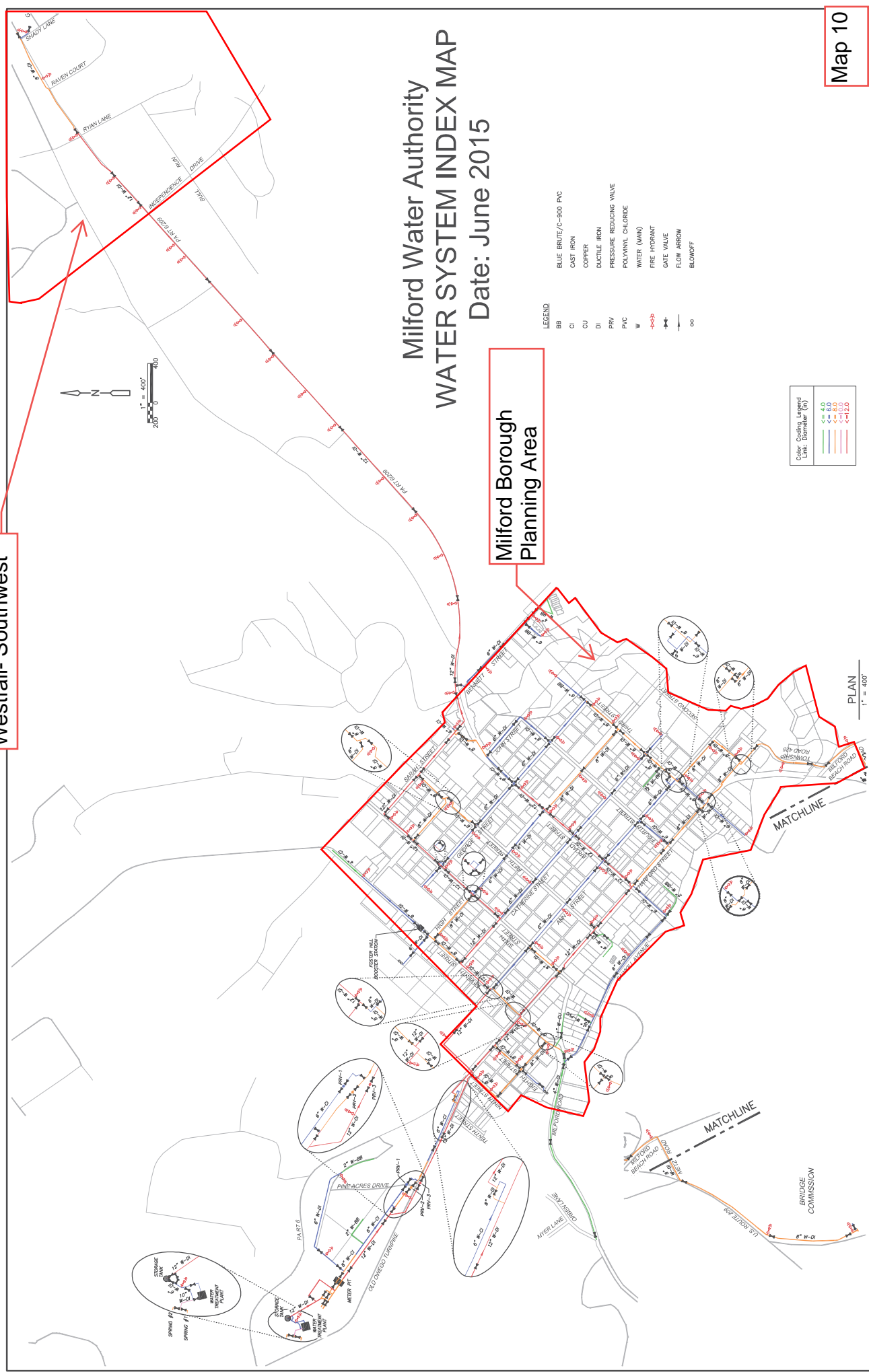
9/27/2024 PM: MR GIS: ALV QA: MR R003054.0448



Westfall- Southwest

# Milford Water Authority WATER SYSTEM INDEX MAP Date: June 2015

Map 10



Milford Borough  
Planning Area

- LEGEND**
- BB BLUE BRUTE/C-900 PVC
  - CI CAST IRON
  - CU COPPER
  - DI DUCTILE IRON
  - PRV PRESSURE REDUCING VALVE
  - PVC POLYVINYL CHLORIDE
  - W WATER (MAIN)
  - WATER (FIRE) FIRE HYDRANT
  - GATE VALVE GATE VALVE
  - FLOW ARROW FLOW ARROW
  - ∞ BLOWOFF

- Color Coding Legend  
Line Diameter (")**
- < 4.0
  - 4.0 - 6.0
  - 6.0 - 8.0
  - 8.0 - 12.0
  - > 12.0

PLAN  
1" = 400'



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