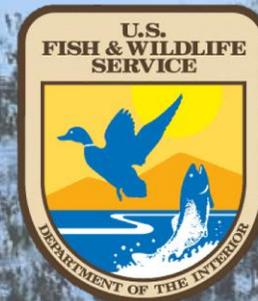


Poplar Street & Mollie Drive Wetland Restoration Project

Community Meeting
September 23, 2025



Project Background

- **November 2010:** \$1.65M Natural Resource Damages (NRD) Settlement for the Sutton Brook Disposal Area (SBDA) Superfund Site
- **March 2023:** NRD Trustees (MassDEP and USFWS) completed alternatives analysis and selected wetland restoration projects at the Poplar Street and Mollie Drive sites
- **July 2024:** MassDEP awarded grant to Tewksbury to fund design and permitting of the proposed projects; Town hired EA Engineering to complete work
- **Fall 2024-Spring 2025:** Site survey and wetland delineation
- **June 2025:** Preliminary design plans completed

Project Team



FINAL RESTORATION PLAN
AND
ENVIRONMENTAL ASSESSMENT
for the
SUTTON BROOK DISPOSAL AREA
NATURAL RESOURCE DAMAGE SETTLEMENT

Tewksbury, Massachusetts

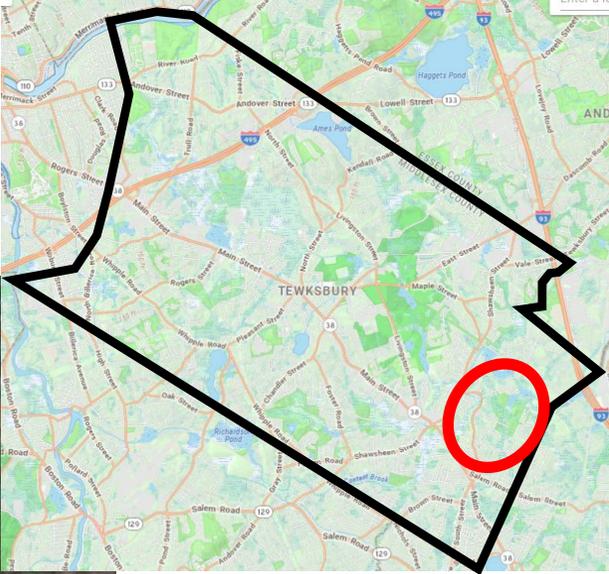


March 24, 2023

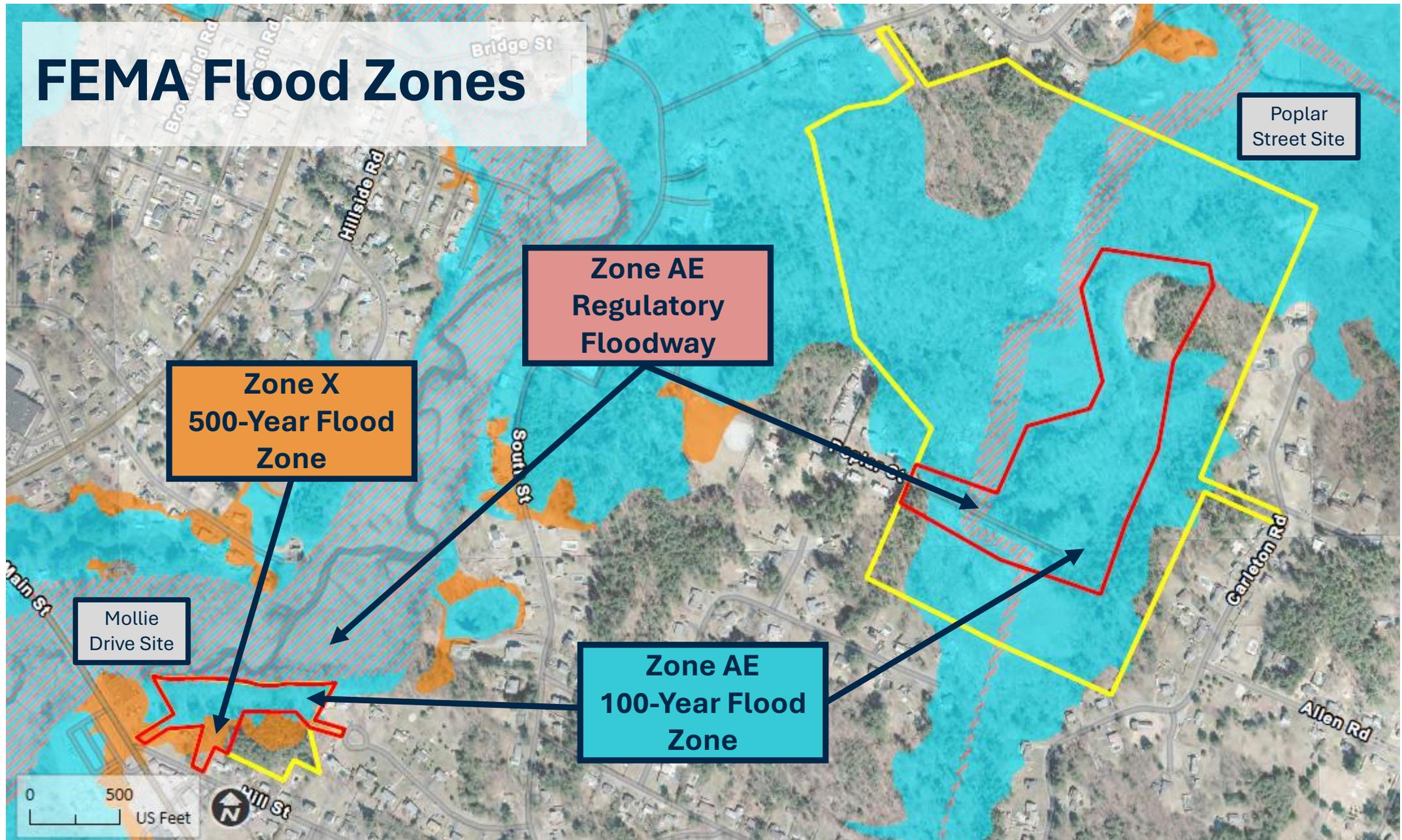
Prepared by:

Commonwealth of Massachusetts
U.S. Fish and Wildlife Service

Project Sites

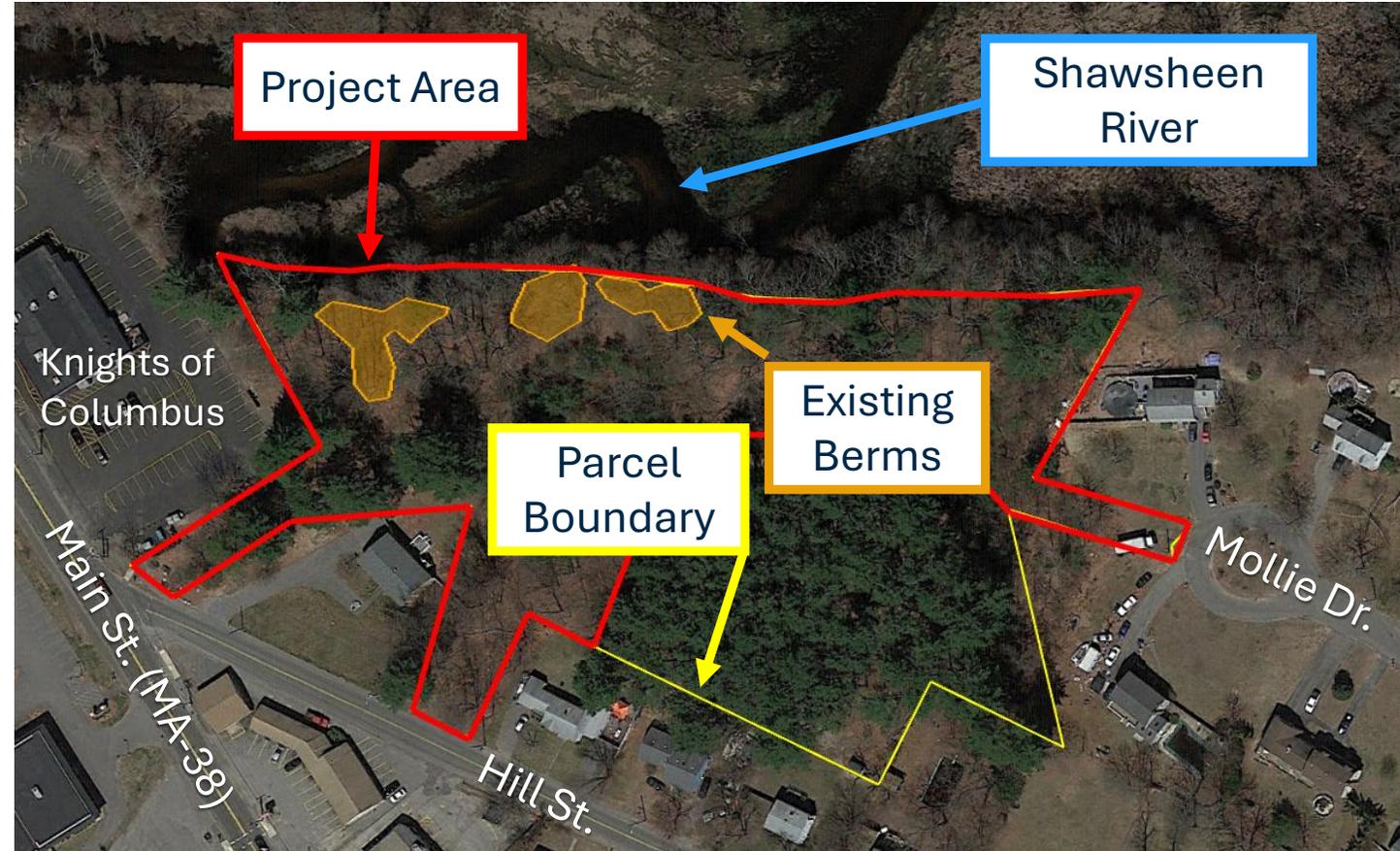


FEMA Flood Zones

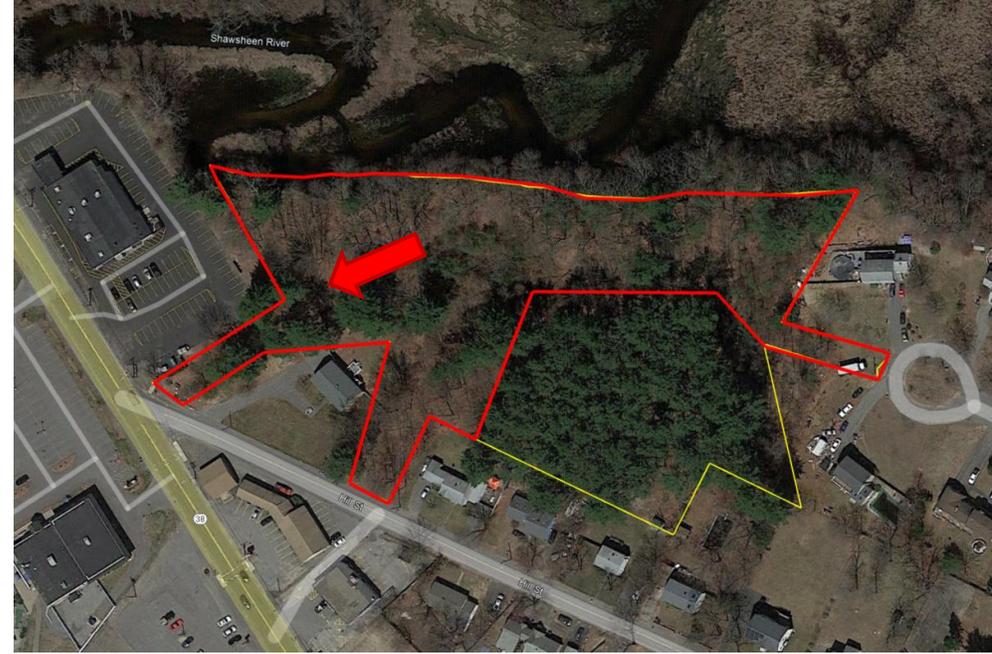


Mollie Drive Site Overview

- Overall work area is about 1 acre within a 5-acre parcel west of Mollie Drive, north of Hill Street, east of Main Street (MA-38), and south of the Shawsheen River
- Formerly used as a contractor yard.
- The Town completed a soil remediation project in 2020-2021.
- Soil berms have been constructed along portions of the site's northern edge along the bank of the river, reducing flood storage capacity and wildlife habitat.
- Project Goals:
 - Restore wetlands and floodplains through historic berm removal.
 - Remove scattered debris.
 - Plant and seed native species.

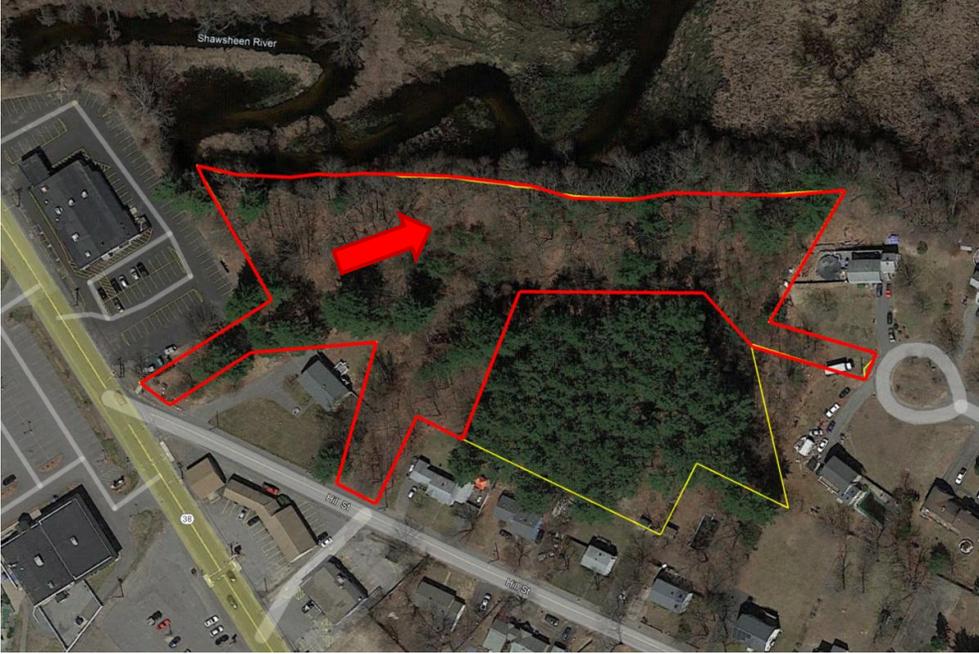


Mollie Drive Site



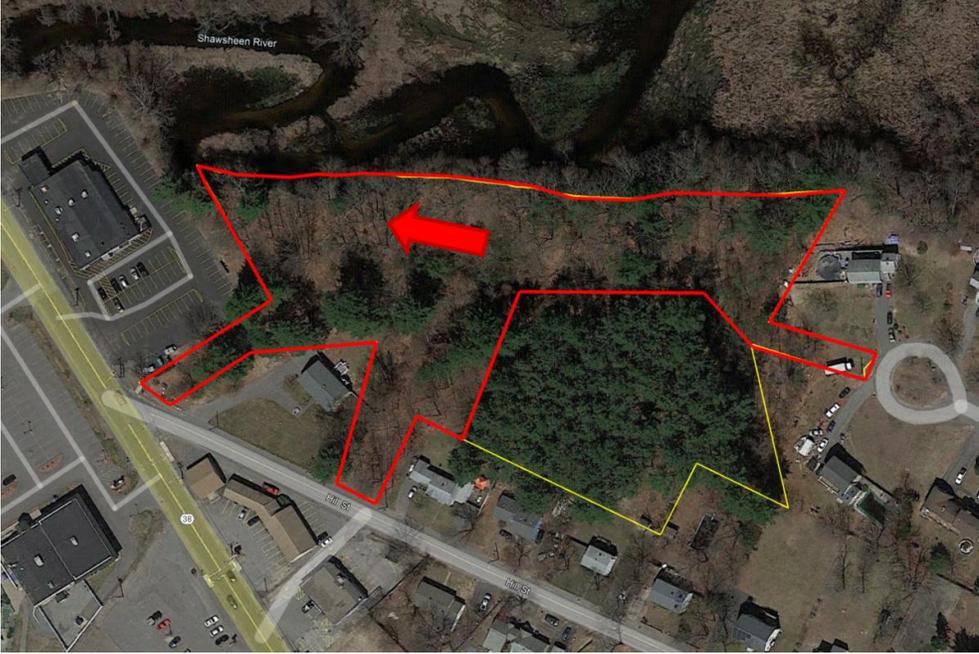
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Mollie Drive Site



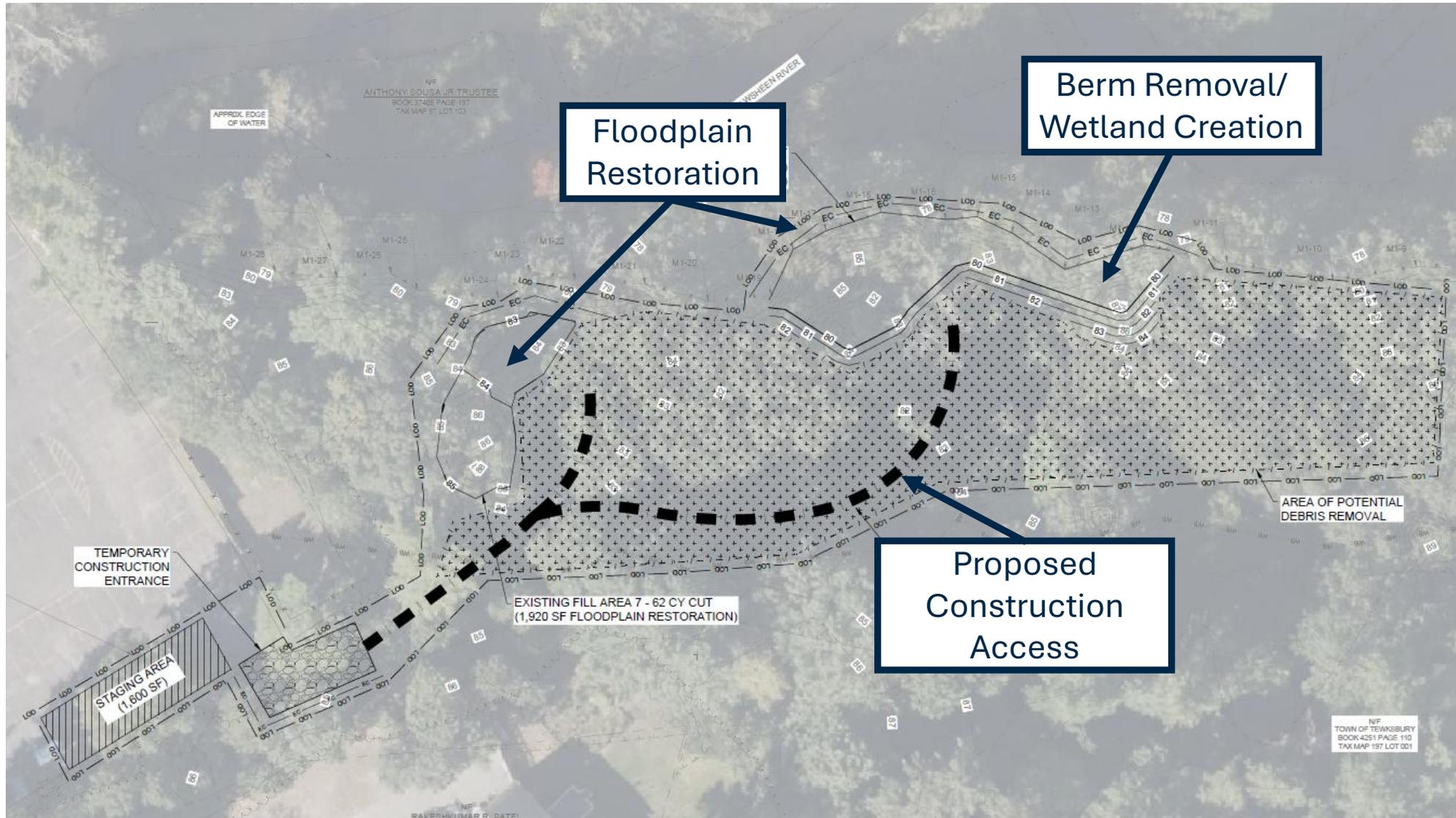
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Mollie Drive Site



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Mollie Drive Preliminary Design

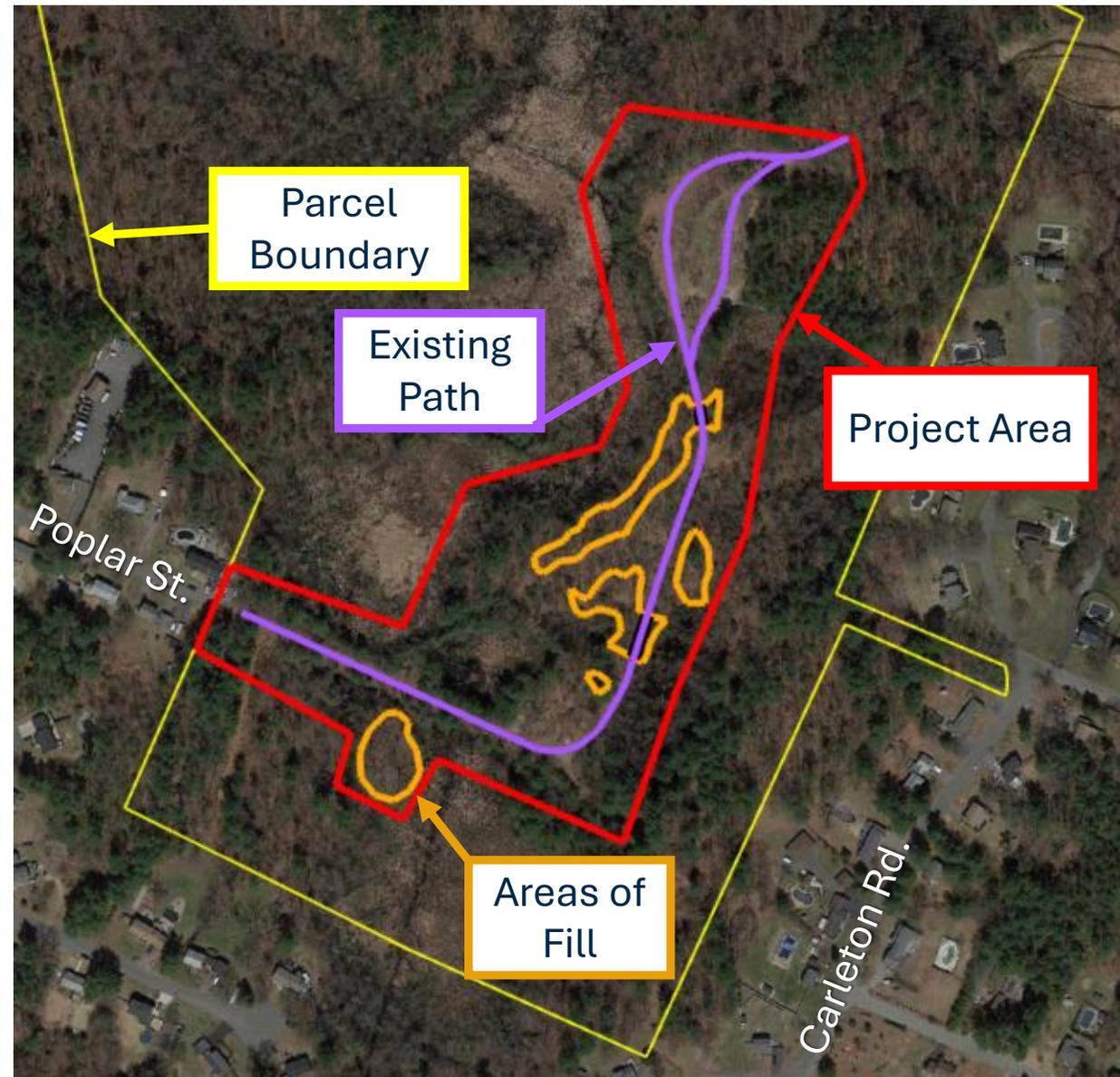


PEA GROUP



Poplar Street Site Overview

- Work area is about 4.4 acres within a 79-acre parcel east of Poplar Street and west of Carleton Road
- Former location of Tewksbury South Street Wellfields
- Extensive historical filling in wetlands and floodplain
- Impacts to water movement, flood storage capacity, wildlife habitat, and aesthetics
- Project Goals:
 - Restore wetlands and floodplains through historic berm removal
 - Reestablish connectivity between wetlands
 - Manage invasive species
 - Plant and seed native species
 - Develop passive recreational opportunities

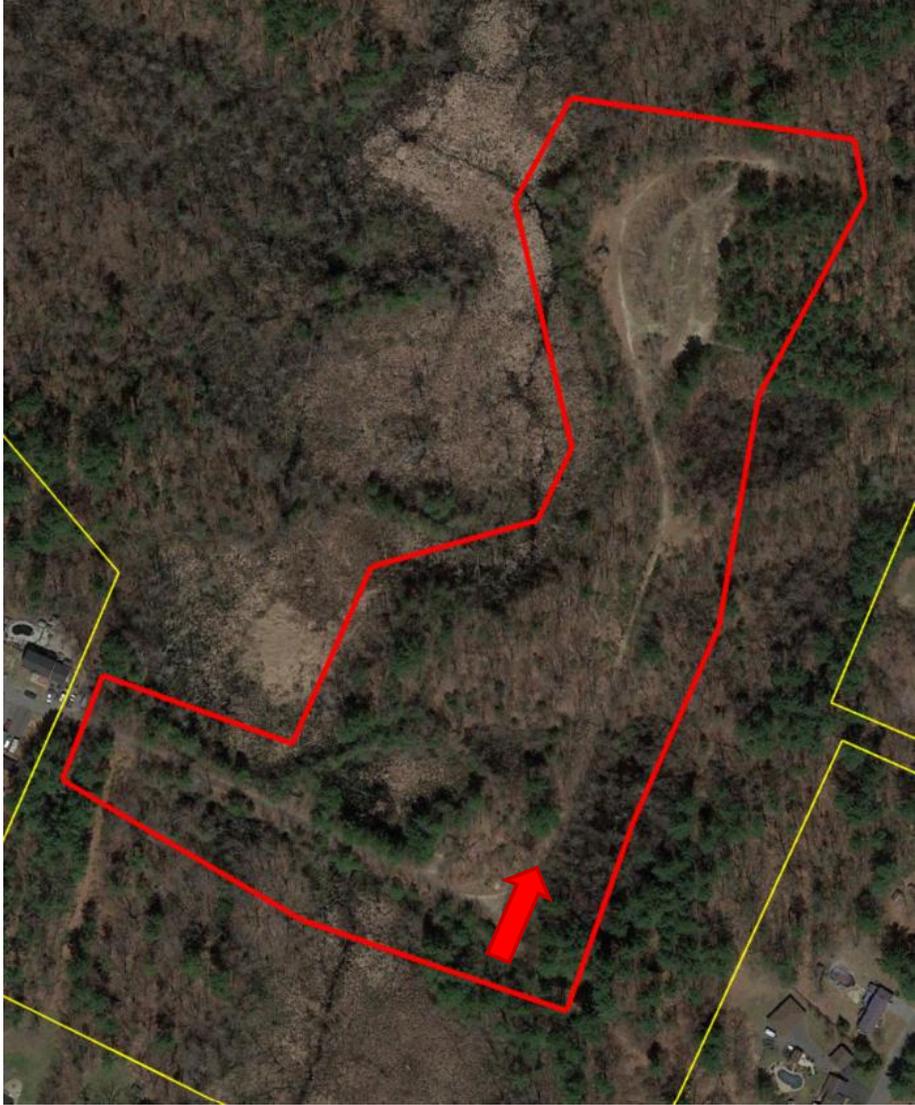


Poplar Street Site



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Poplar Street Site



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Poplar Street Site



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Poplar Street Site



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Poplar Street Preliminary Design

- Remove existing fill piles
- Install benches and granite steps on northern end of the trail
- Install small gravel parking area and kiosk at the entrance of the property
- Manage invasive plant species
- Plant and seed native species



Proposed
Parking
Area

Floodplain
Restoration

Work Area
within
Wetlands

Existing
Wetland

Berm Removal/
Wetland Creation



LEGEND

DESCRIPTION	EXISTING	PROPOSED
ELECTRIC UTILITY POLE	—	—
ELECTRIC OVHD LINE	—	—
PROPERTY BOUNDARY	—	—
PARALLEL BOUNDARY	—	—



Note that existing swing gate is being relocated farther into property

Tewksbury | Poplar Street Trailhead Improvements

2025



Tewksbury | Poplar Street Stone Ford Improvements

2025



Tewksbury | Poplar Street Fill Removal

2025

PROJECT SEQUENCE

Dates are estimated

Identify Restoration Sites ✓

Conduct Site Assessments ✓

Preliminary Design ✓

Public Meeting
September 2025

Detailed Design
Fall-Winter 2025

Permitting
Spring 2026

Final Design
Summer 2026

Construction Bidding
Fall 2026

Construction
Winter 2026-2027

Thank you!

EA Engineering, Science, and Technology, Inc., PBC

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Senior Ecologist

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Town of Tewksbury Dept. of Public Works

Andrew Stack, PE

Town Engineer

astack@tewksbury-ma.gov