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# Resilient CT Piper Brook and Webster Brook Flood Mitigation Project

Public Workshop

April 2, 2025





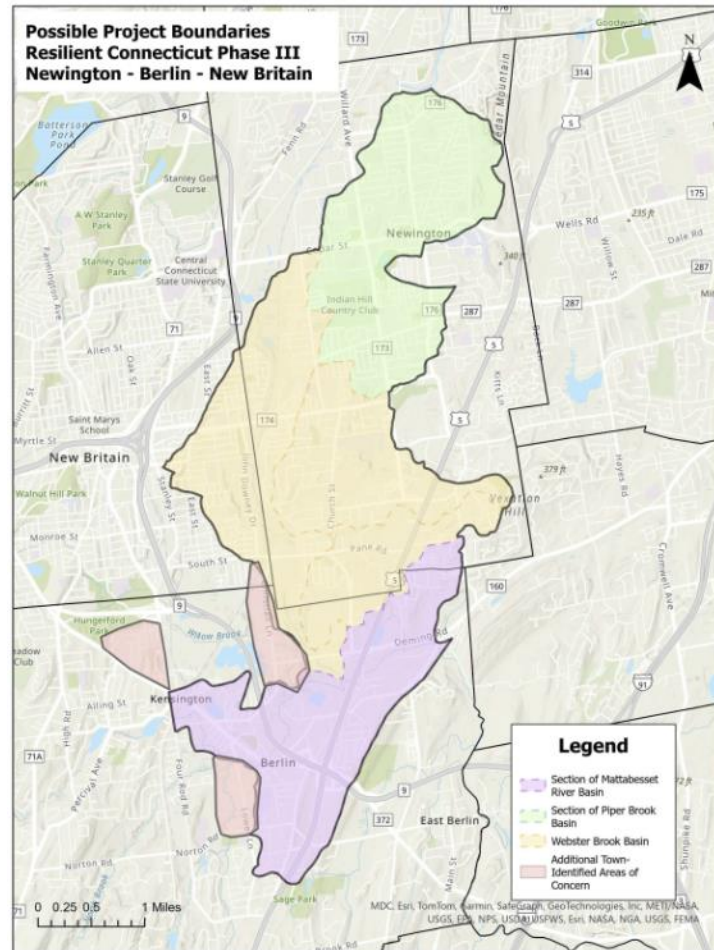
# Project Overview and Location

## What is the project?

- Reduce flood risk
- Develop forward looking adaptation strategies
- Mitigate long-term flood impacts to residents and business owners

## Where is the project?

- Along the Piper Brook and Webster Brook corridors
- Newington, Berlin, and New Britain communities





# Project Goals

1

Engage community stakeholders to understand flooding concerns and increase awareness

2

Identify flood vulnerabilities along the river and model current and future conditions

3

Develop concept alternatives for restoration and flood mitigation plans along the river.

4

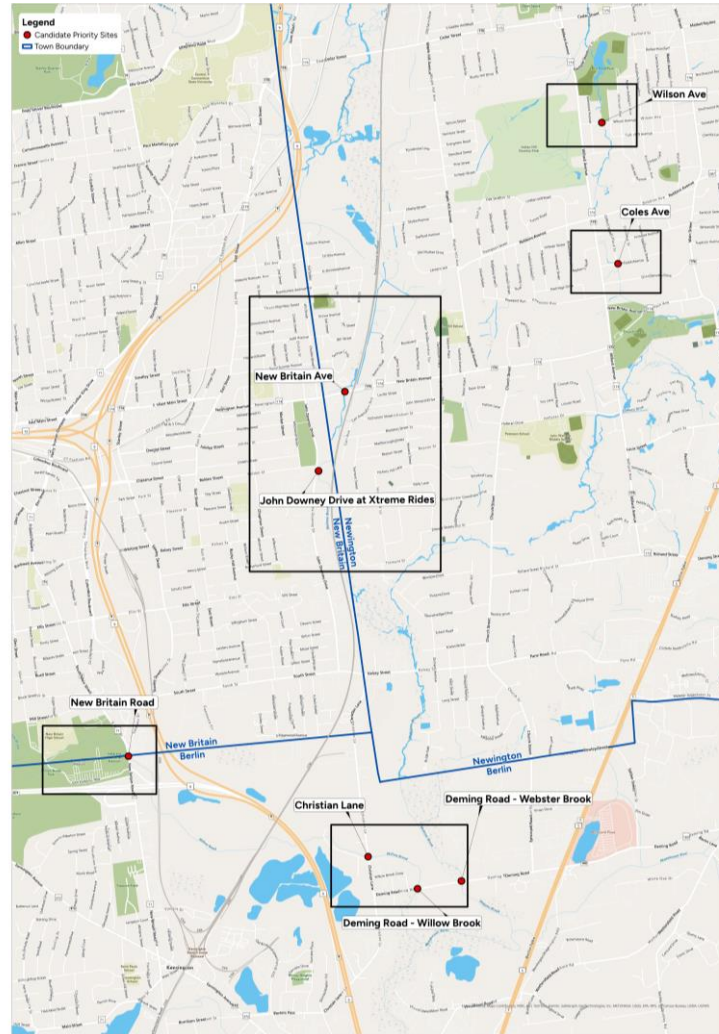
Prepare a Benefit/Cost Analysis for the proposed concept designs



# Advisory Committee

| Organization / Municipality   | Name             | Title                                 |
|---|------------------|---------------------------------------|
| Newington   | Chris Zibbideo   | Town Engineer                         |
|   | Paul Dickson     | Town Planner                          |
| Berlin  | Mike Ahern       | Town Engineer / Public Works Director |
|   | James Horbal     | Deputy Public Works Director          |
|   | Charles Paonessa | Town Councilor                        |
|   | Ryan Curley      | Town Manager                          |
| New Britain   | Jason Outlaw     | City Engineer                         |
|   | Mark Moriarty    | Director of Public Works              |
| Capitol Region Council of Governments (CRCOG)                       | Heidi Samokar    | Principal Planner                     |
| Connecticut Institute for Resilience and Climate Adaptation (CIRCA) | Mary Buchanan    | Community Resilience Planner          |
|   | Nicole Govert    | Community Resilience Planner          |
|   | John Truscinski  | Director of Resilience Planning       |

# Identified Priority Sites







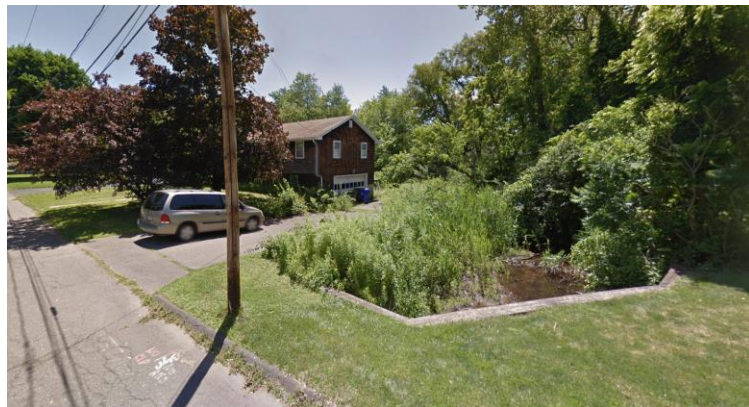
# Wilson Avenue, Newington







# Coles Avenue, Newington







# John Downey Drive, Newington







# New Britain Road at Veteran's Stadium, New Britain and Berlin





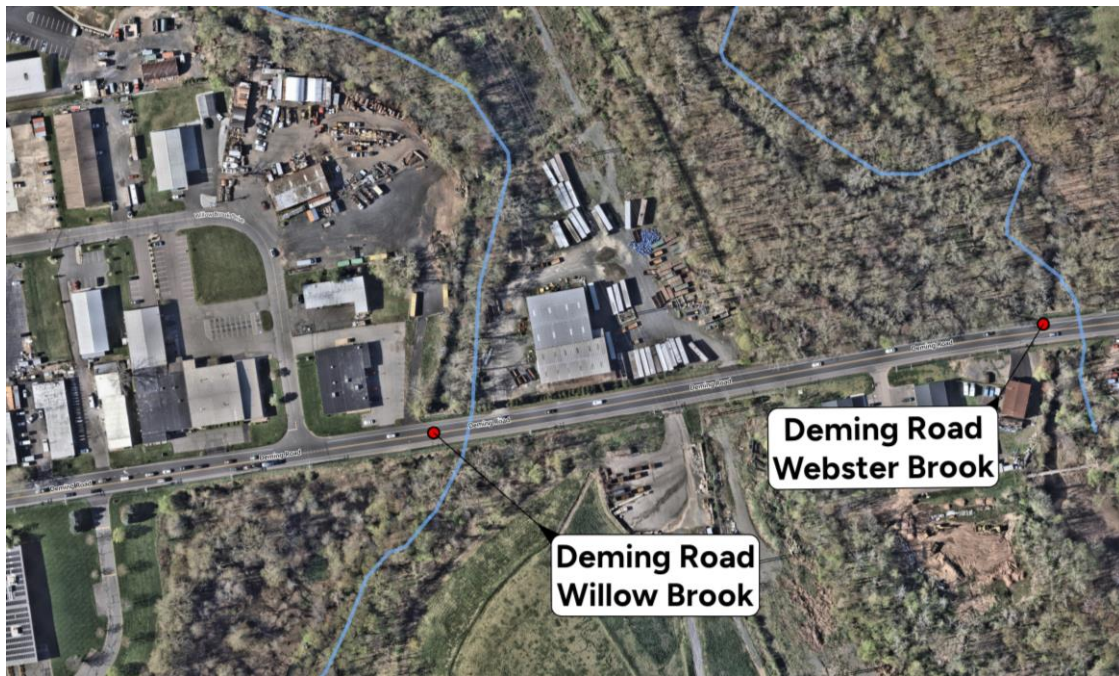
# Christian Lane, Berlin







# Deming Road, Berlin Willow and Webster Brook







# River Resilience Options

CULVERT UPGRADES



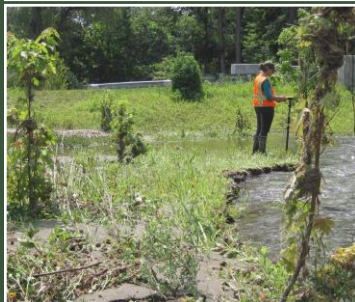
DAM REMOVAL



STREAM DAYLIGHTING



FLOODPLAIN CONNECTION



BED & BANK PROTECTION



DETENTION





# Flood Mitigation Toolbox

## Bridges, Dams, Culverts

Removal

Operational  
Changes

Modification

Replacement

## Channel Alteration

Dimension  
(Widening -  
Deepening)

Profile  
(Slope)

Pattern  
(Realignment)

## Floodplain

Reclamation

Creation

Enhancement

## Planning

Flood Code  
Enforcement

Wetland  
Protection

Limiting  
Impervious  
Cover

Zoning  
Modifications

## River/ Watershed Management

Repair of  
Eroding Banks

Watershed  
Management

Stormwater  
Detention

Sediment or  
Debris  
Management

## Individual Building Treatments

Flood-  
proofing

Elevation of  
Structures

Voluntary  
Buy-Out



# We want to hear from you!

Share any insight or flood-related experiences from the identified priority site.

Email: [PiperWebster@slrconsulting.com](mailto:PiperWebster@slrconsulting.com)

