

Massachusetts Municipal Vulnerability Program (MVP) Action Grant Program
WALNUT STREET NEIGHBORHOOD FLOOD MITIGATION



MUNICIPAL VULNERABILITY PREPAREDNESS (MVP) PROGRAM

“The Municipal Vulnerability Preparedness grant program (MVP) provides support for cities and towns in Massachusetts to begin the process of planning for climate change resiliency and implementing priority projects. The state awards communities with funding to complete vulnerability assessments and develop action-oriented resiliency plans. Communities who complete the MVP program become certified as an MVP community and are eligible for MVP Action Grant funding and other opportunities.”

<https://www.mass.gov/municipal-vulnerability-preparedness-mvp-program>



MVP

Municipal Vulnerability
Preparedness

ABOUT WALNUT ST NEIGHBORHOOD FLOODING

- Historically flooded area
 - Damage to private & public property
 - Road closures
- Impassable path between Walnut St (Bowditch Field) and Stonybrook Rd (Fuller Middle School)
- Identified as a high priority area in City's Hazard Mitigation Plan approved by FEMA and City's Community Building Resiliency plan approved by EEA
- Environmental Justice community
- Partial culvert failure after March 2022 storm



Flooding behind homes on Walnut St

GRANTS SUPPORTING THIS PROJECT

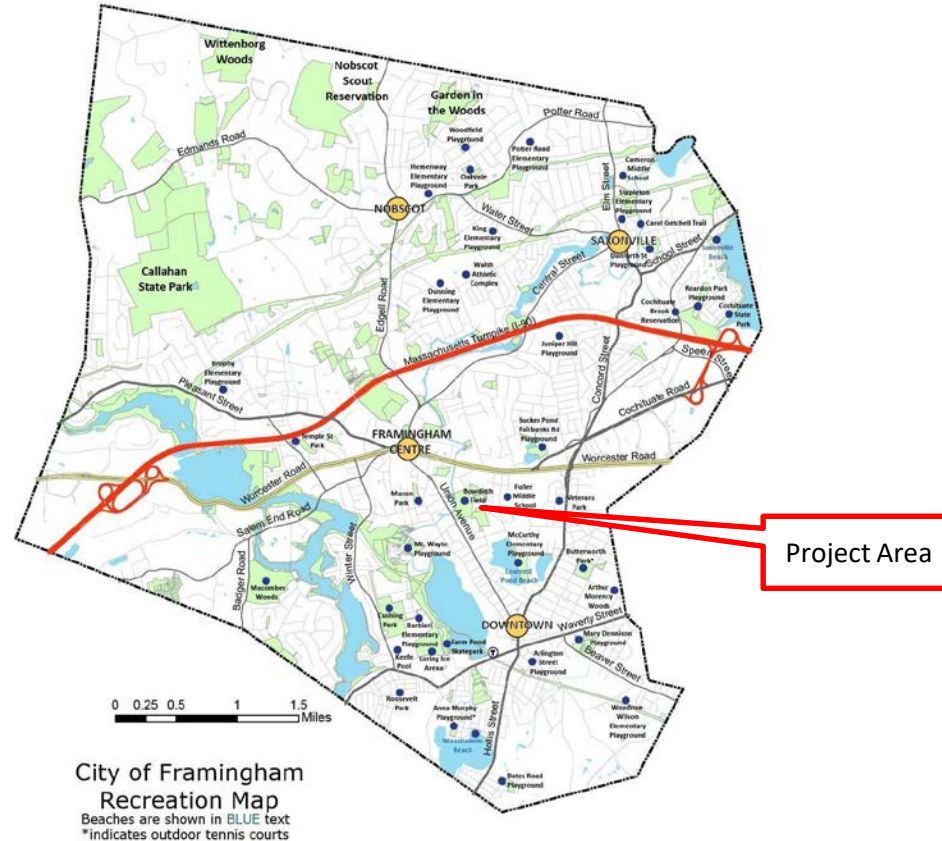
The City was awarded:

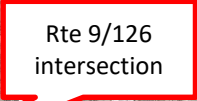
- \$75,000 FEMA Flood Mitigation Assistance (FMA) grant for Walnut Street Neighborhood Flood Mitigation Feasibility Study
- \$206,850 MVP FY20/21 grant for Walnut Street Neighborhood Flood Mitigation Feasibility Study
 - FEMA grant was able to be used as City's match
- \$269,030 MVP FY22 grant for Walnut Street Neighborhood Flood Mitigation Design
- \$127,150 MVP FY22/23 grant for “Building Relationships and Resilience with MetroWest Environmental Justice Neighborhoods” in partnership with Natick and Ashland.



“School path” during flooded conditions

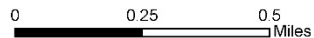
ABOUT WALNUT ST NEIGHBORHOOD FLOODING



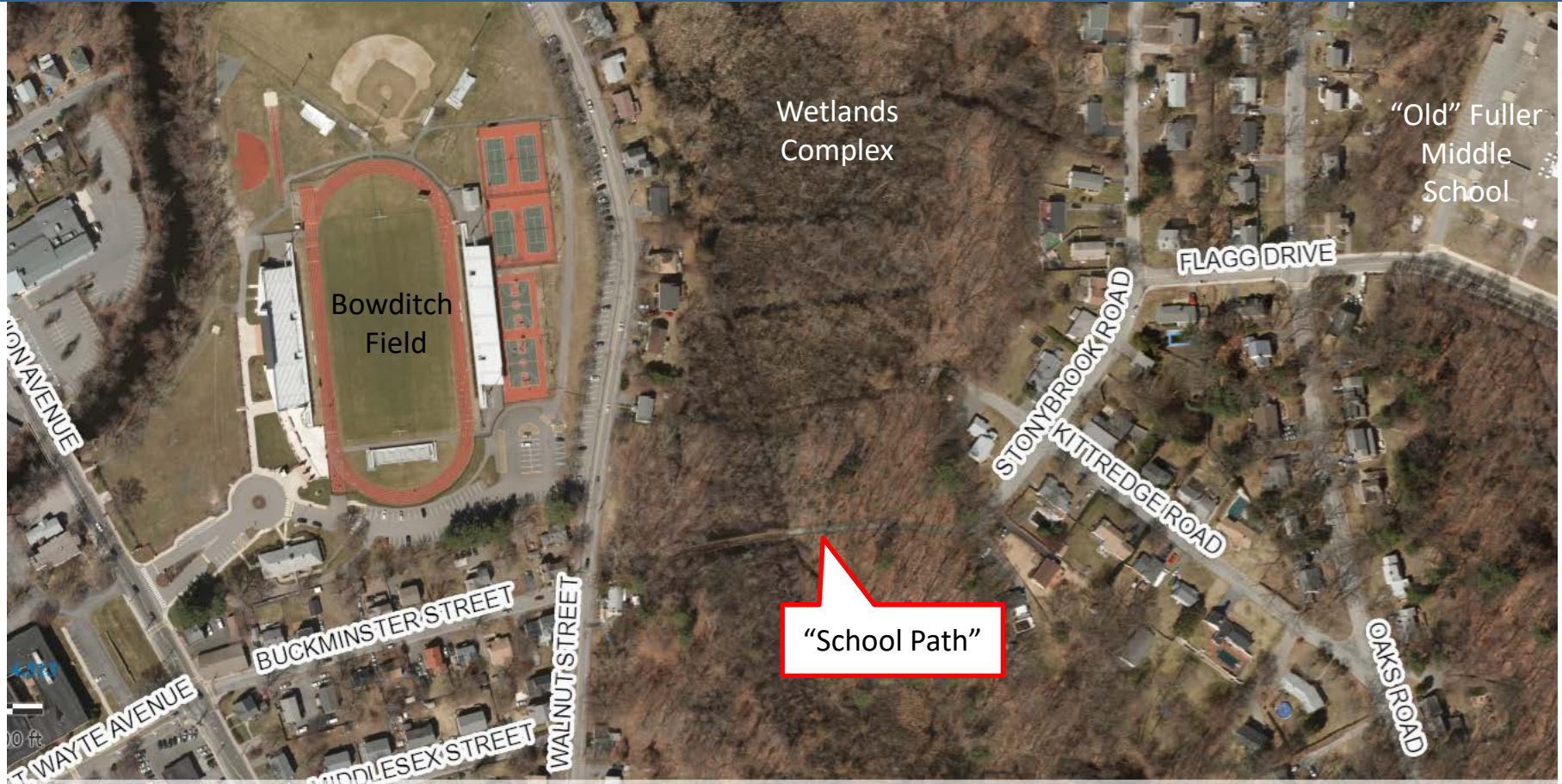


Project location

- | | | | |
|---|-----------------------------------|---|---------------------------------|
|  | Project Area (Drainage Sub-basin) |  | Water bodies |
|  | 500-year flood zone |  | Severe Repetitive Loss Property |
|  | 100-year flood zone |  | Repetitive Loss Property |
|  | Wetland |  | Sewer pump stations |



WALNUT STREET “SCHOOL PATH”



"SCHOOL PATH" CURRENT CONDITIONS



Trail entrance
at Walnut
Street across
from
Bowditch
Field

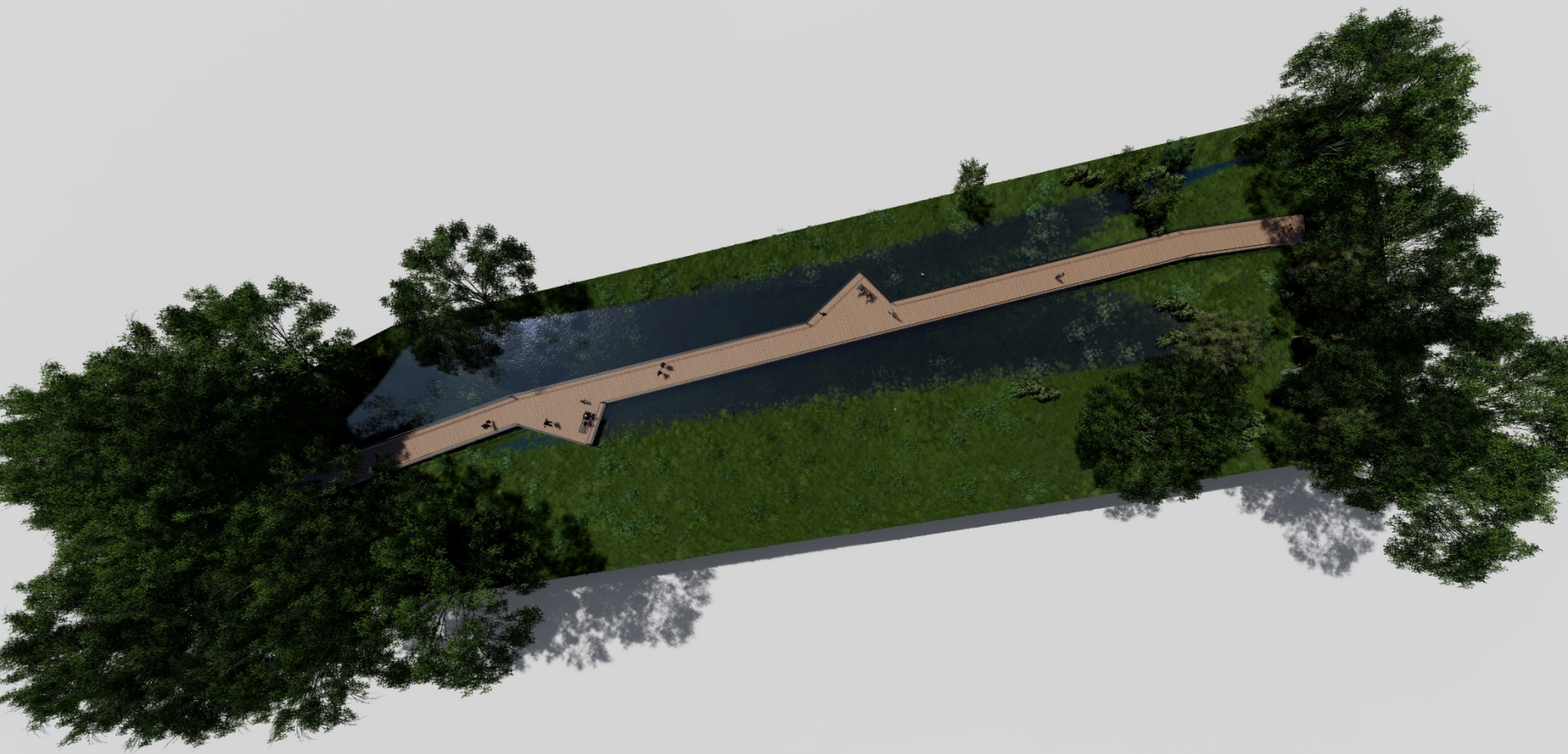
Trail exit at
Stonybrook Rd

Approximate Path Location

**WHAT COULD THE NEW BOARDWALK
LOOK LIKE?**











PUBLIC ENGAGEMENT

- FHS Environmental Awareness Club program – sponsor Climate Change leadership field trip/program (4/28; 5/11-5/12)
- Hoops & Homework after-school program (every Friday thru June 2022)
- Program at Callahan Center 4/28
- Public meetings
 - Sustainability Committee
 - Conservation Commission
 - Disability Commission
 - Parks Commission
- Create video about climate change impacts to Framingham and ways to be more resilient



FHS students on Field Trip to MassAudubon's Drumlin Farm

NEXT STEPS

- Public outreach & input
- Finalize designs
- Obtain permits
- Obtain access agreements and temporary construction easements
- Obtain funding
 - City submitted an MVP grant application for FY23 funding on May 5, 2022 for \$155,000 to support permitting, easements, & bid support.
 - Boardwalk estimate ~\$1.5M
 - Restoration estimate ~\$1.2M
 - Culvert estimate ~\$1.1M
- Construction
 - Do not anticipate construction before July 2024 (FY24)

WHAT WOULD YOU LIKE TO SEE?

**HOW DO YOU THINK THE CITY CAN BETTER
BE PREPARED FOR CLIMATE CHANGE?**

thank you



City of Framingham
Department of Public Works
508-532-6010
kr@framinghamma.gov

<https://www.framinghamma.gov/3308/Walnut-Street-Neighborhood-Flood-Mitigat>
<https://www.framinghamma.gov/2047/Climate-Change-and-Hazard-Planning>