

Kane and Kennedy Brook Watershed Area Storm Drainage Analysis Update

Park Road Association, Town of West Hartford



West Hartford Team



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Agenda



Flood Study
Overview



Public Survey
Results



Next
Steps

Flood Study Overview



October 16, 2025



Why is there a Flood Study?

To investigate alternatives to:



**Reduce
flooding**



**Improve
storm drainage**



Kane & Kennedy Brook Watershed area

Understanding Public vs. Private



Public Drainage Concerns

This includes:



Town/City-owned storm drains, culverts, ditches



Streets and roadway flooding linked to public systems



Clogged or blocked storm drains



Private Property Drainage Concerns

This includes:



Sump pumps, roof drains, private property runoff



Lot grading and backyard drainage



Roof drains and gutters



Basement or foundation drainage concerns



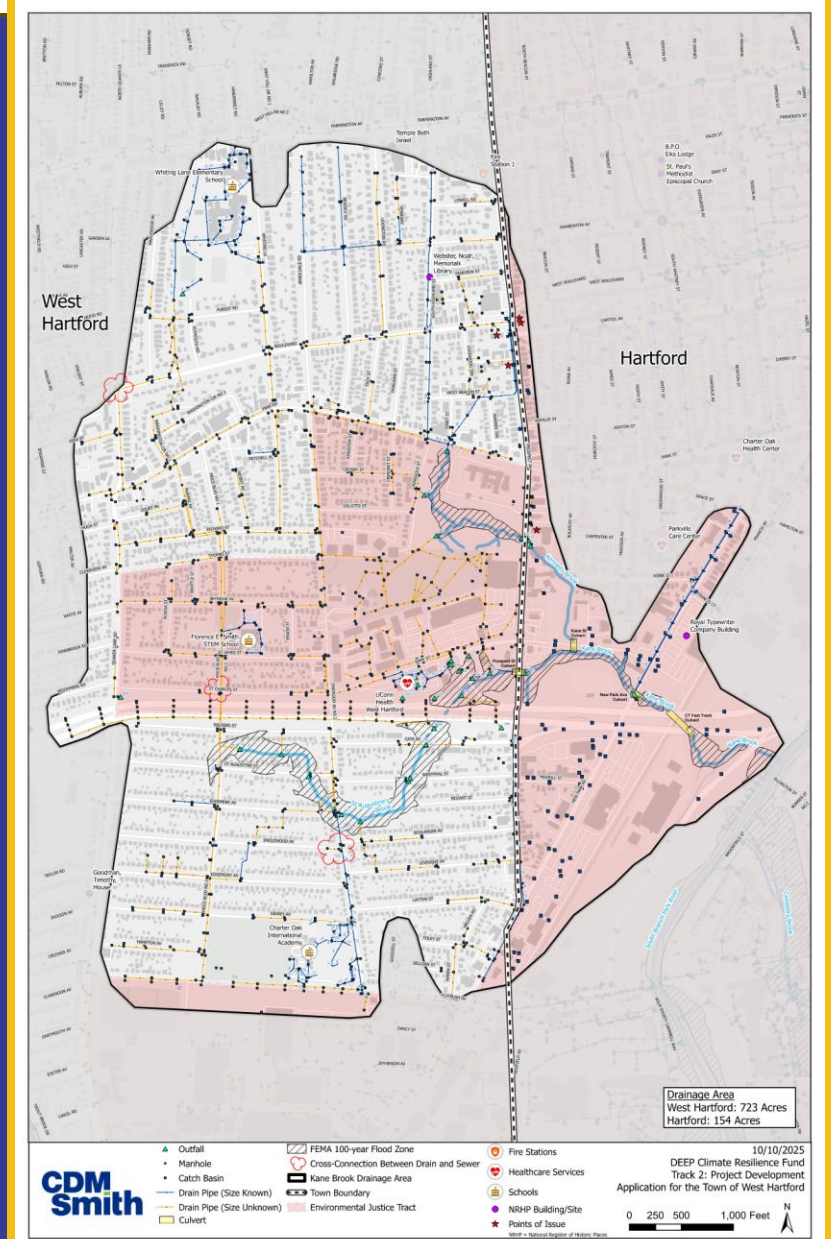
Lack of slope or cracks on driveway leading to water back up

Where is the Flood Study?

Town of West Hartford & City of Hartford

Kane & Kennedy Brook Watershed area

Tributaries to the South Branch of Park River



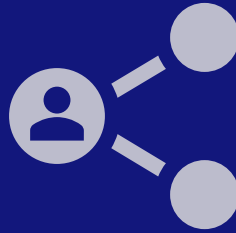
Components of a Flood Study



Evaluate the
Town's & the
City's storm
drainage
system



Determine
areas of
concern



Engage
residents,
business
owners, &
others in the
watershed



Provide
conceptual
alternatives to
reduce or
eliminate flood
occurrences



Solicit feedback
from key
stakeholders
throughout the
process

Public Survey Results



October 16, 2025



Public Survey



Available Now – November 27, 2025

5,500+ postcards mailed to West Hartford & Hartford households



Properties: 2,618 West Hartford; 371 Hartford

4 areas of focus



Property
Information



Flood & Drainage
Experience



Impacts
& Concerns



Improvements
& Priorities

Where to Find the Survey



Town Website

www.westhartfordct.gov (Engineering Department)



Postcards Mailed

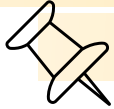


Shared with Community Based Organizations

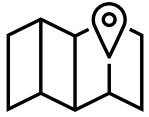
Public Survey Results to Date



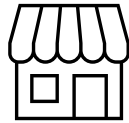
66 contributors vs. 72 contributions



5 interactive map markers



**92% of survey
responses from
West Hartford**



**60%
have lived in
their current
home for 10+
years**



**13% own a
business within
the study area**

Survey: Flood and Drainage Experience

61% experience street or property flooding during heavy rainfall events **2 or more times annually**



38% said water does not fully drain **for a day or more**



75% mentioned flooding events are **caused by high intensity storms**



28% mentioned that their house/basement has flooded **more than 5 times** with...



- 46% say it's due to overland flow
- 28% say it's due to flooding in roadway

Where it floods



- 29% basement or home interior
- 26% street or roadway in front of home
- 24% driveway/yard

Survey: Impacts and Concerns

46% are **very concerned about risks** associated with flooding 

39% are concerned about **property damage** 

21% are concerned about **disruptions to driving, walking, or community** 

32% experience **climate related impacts** related to flooding 

- 19% extreme heat
- 17% not enough green space or trees

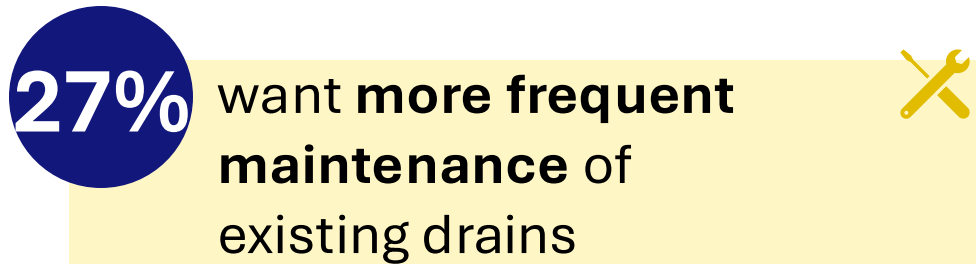
43% they **do not notice storm drains clogged** or not working properly 

- 42% say sometimes

Survey: Improvements and Priorities



- 50% want it along streets
- 24% want it on private properties



Top priorities for stormwater improvements:

- 33% protecting homes or properties from flooding
- 17% reducing street flooding that blocks access or causes damage
- 15% using green infrastructure solutions



Green infrastructure types wanted:

1. Green roofs
2. Right-of-way bioswales
3. Porous pavement

Interactive Mapping Results to Date



1 flooding spot



0 drainage problem



2 flooded home/basement



0 storm drain issue

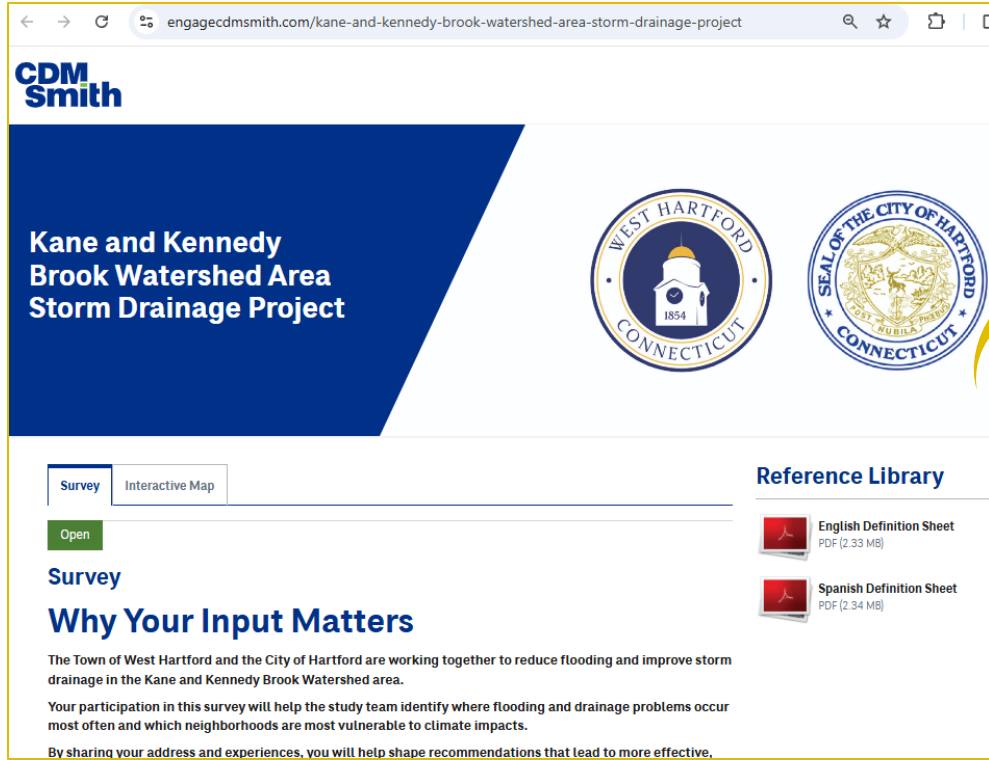


1 standing water



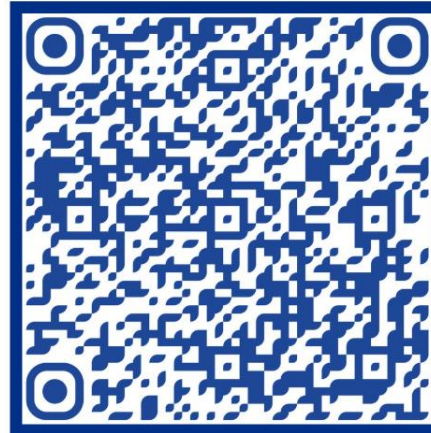
1 green infrastructure

We need your help: Fill out this survey!



Your response will help the study team:

- Identify where flooding & drainage problems occur
- Refine improvements



Open now – November 27, 2025!

Next Steps



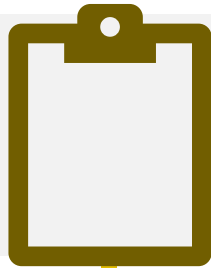
October 16, 2025



Looking Ahead



**Parkville Neighborhood
Revitalization Zone (NRZ)
Community Meeting**
November 12, 2025



Survey Closes!
November 27, 2025



Data Analysis Begins
November 27, 2025



Public Meeting
Spring 2026

Contact Us



www.westhartfordct.gov



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West Hartford Engineering Department



Scan to learn more!



October 16, 2025



WEST
HARTFORD

