



Norwalk, Connecticut Flood Mitigation Success

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Overview



Flood Mitigation
Success is not just
great engineering
and innovative
solutions



It takes a team of
dedicated
professional working
all aspects of the
problem



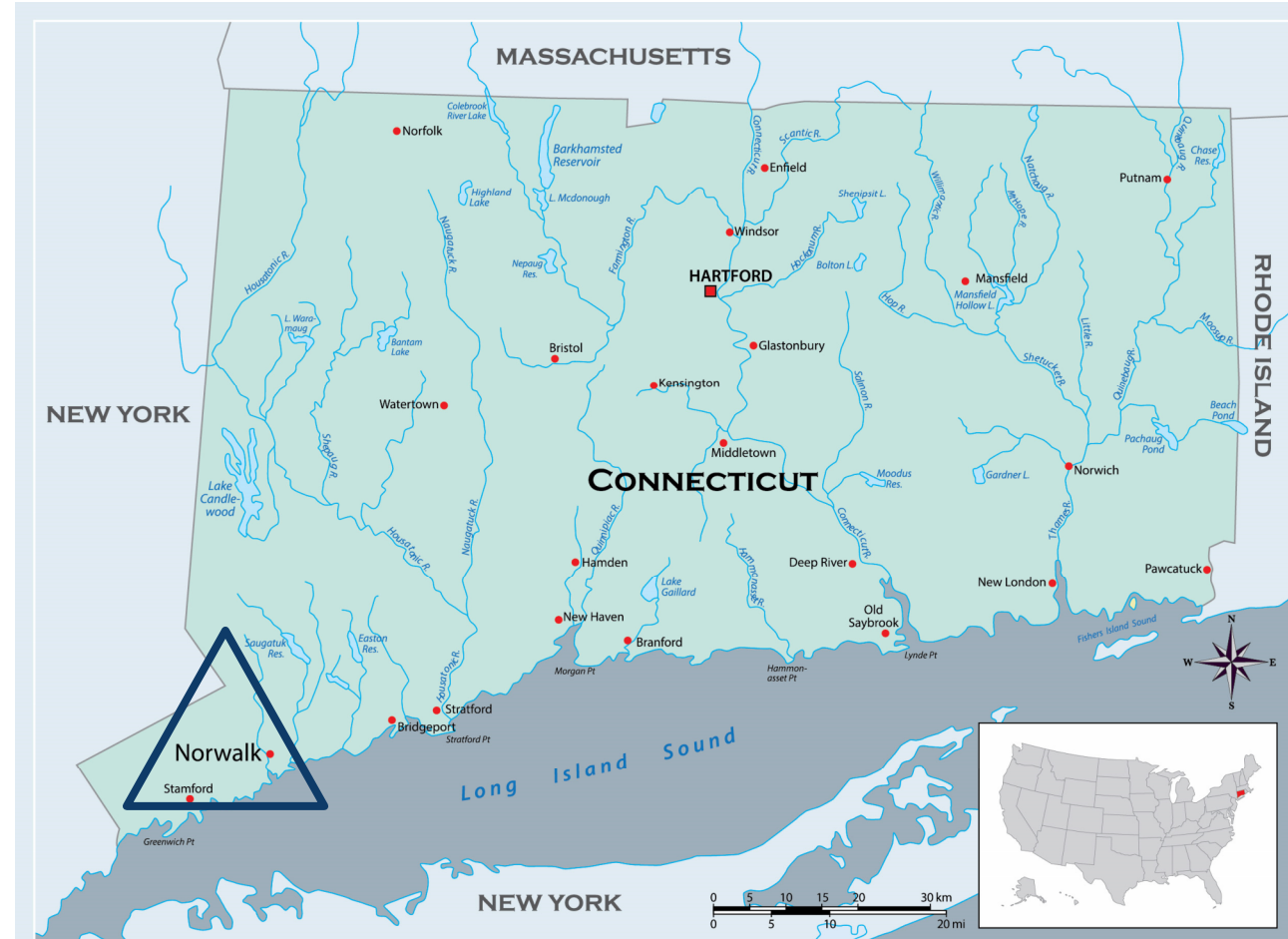
We will talk though
Norwalk success and
the reason it has
been successful

Norwalk CT

- ▶ Southwest corner of state, on northern shore of Long Island Sound and about 1.5 hours from here
- ▶ Coastal community – 6th most populous city in the state
- ▶ 36 square miles, population. ~91,000
- ▶ Oyster cultivation was an early industry in Norwalk

State Of Drainage System

- ▶ Well maintained but aging
- ▶ Most designed and built before stormwater or sewer regulation
- ▶ Very Little combined systems ++



Flood Challenges

Some of the existing drainage was designed for a 10-year storm

Experienced a greater recent increase in extreme precipitation (Elsa, Ida)

Coastal Flooding

Funding

NEWS

Norwalk, Wilton inundated by '100-year flood' due to rainstorm; fields damaged; residents evacuated

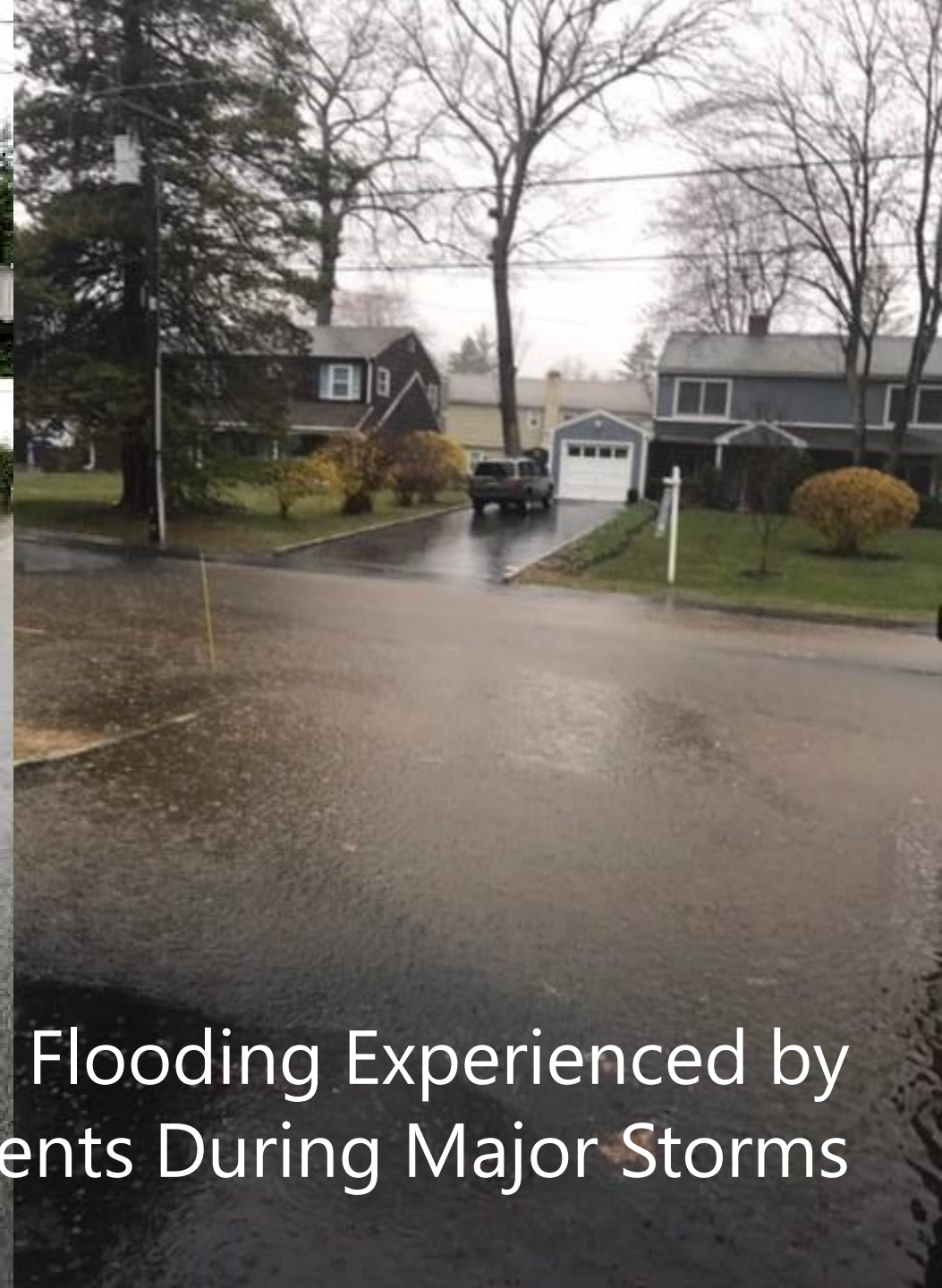
By Kalleen Rose Ozanic, Katherine Lutge, Karen Tensa, Staff Writers
Aug 19, 2024



Washed out pathways and knocked over fences in Merwin Meadows Park were some of the damages from Sunday's storm. Monday, August 19, 2024, Wilton, Conn.
H John Voorhees III/Hearst Connecticut Media

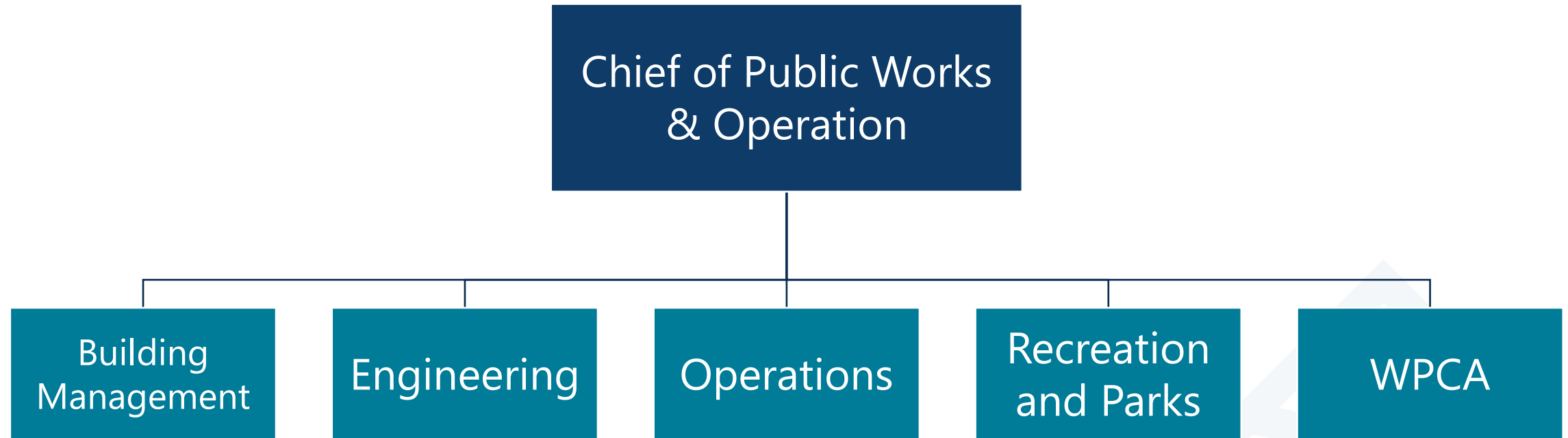
A deadly weekend storm dumped heavy rain across the state, including the cities and towns along the Norwalk River, causing flooding and leaving a path of destruction in its wake.

In Wilton, Route 7 was closed in three locations late Sunday night from a "100-year flood," the town's First Selectwoman Toni Boucher said Monday. A total of 8 inches of rain fell in Wilton in about seven hours on Sunday, causing the Norwalk River to overflow onto Route 7 and other roads, and the Saugatuck River to flood the Newtown Turnpike area, according to the town.

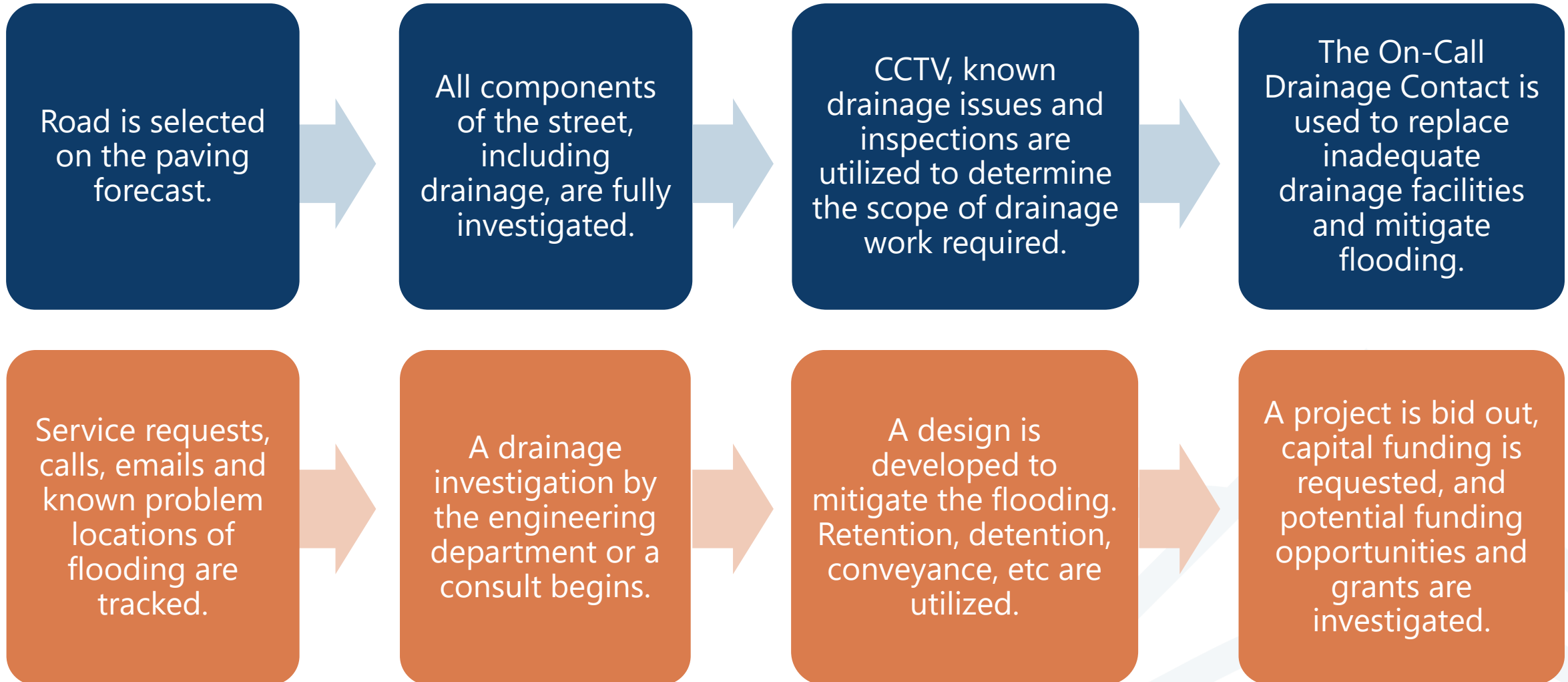


Flooding Experienced by
Residents During Major Storms

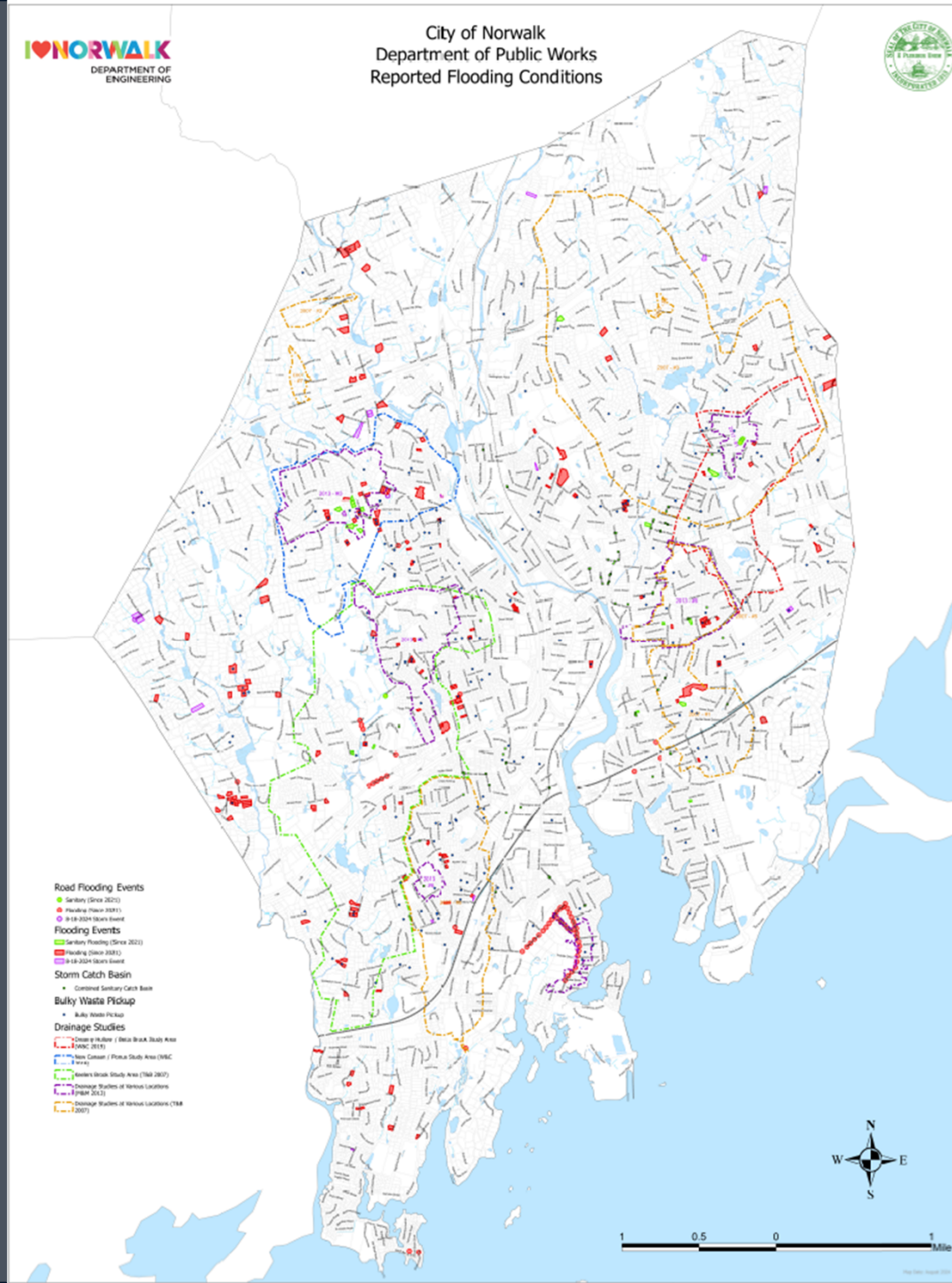
Department of Public Works



Mitigation Program Overview



Current Flooding Event Maps



Norwalk Solutions (Proactive Maintenance)

Cleaning Drainage infrastructure routinely and before forecasted events.



Norwalk Solutions

(Studies & Mitigation Measures)

- ▶ Active & Planned drainage studies with the goal of mitigating flooding issues.
- ▶ Active Projects
 - Betts Brook/ Dreamy Hollow Drainage, Sanitary and Watermain Improvements
 - Lockwood Lane and Heather Lane Drainage Improvements
 - Cossitt & Chatham Drainage Improvements
- ▶ Active Studies
 - New Canaan/ Ponus Avenue Drainage Improvements
 - Lloyd Rd
 - Cornwall Rd
 - Ponus Ave
 - Broad River Baseball Field
 - Bouton Street Drainage Improvements
 - Glendenning Street Watershed Drainage Improvements
 - Glenwood and Clinton Avenue Watershed Drainage Improvements

