HAZARD MITIGATION PLAN UPDATE FOR THE NAUGATUCK VALLEY REGION

Meeting with Local Coordinators



Presented by:
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August 13, 2020



AGENDA

- Purpose and Need for Hazard Mitigation Plan
- Update on Hazard Mitigation Grant Programs
- How Can a Plan be Used?
- Status of Existing Plans
- Schedule of Multi-Jurisdictional Update
- Coordination with Resilient CT
- Introduction for Approach to Public Engagement
- Scheduling of Local Meetings

Authority

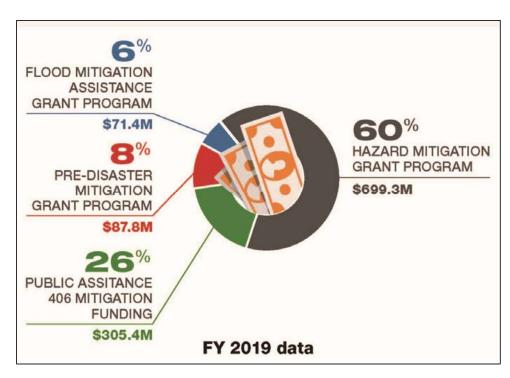
 Disaster Mitigation Act of 2000 (amendments to Stafford Act of 1988)

Goal of Disaster Mitigation Act

- Promote disaster preparedness
- Promote hazard mitigation actions to reduce losses

Mitigation Grant Programs

- Pre-Disaster Mitigation (PDM)
- Flood Mitigation Assistance (FMA)
- Hazard Mitigation Grant Program (HMGP)
- Building Resilient Infrastructure and Communities
 (BRIC) replaced PDM in August 2020



Graphic courtesy of FEMA

What is a Natural Hazard?

 An extreme <u>natural</u> event that poses a risk to people, infrastructure, and resources.







What is Hazard Mitigation?

 Actions we take now that reduce or eliminate long-term risk to people, property, and resources from natural hazards and their effects.







Removal of Structures from Floodplain

Hazard Mitigation Plan does not *directly* **address:**

- Disaster Response and Recovery
- Terrorism and Sabotage
- Human Induced Emergencies
 (some fires, hazardous spills and contamination, disease, etc.)
- Pandemics





LONG-TERM GOALS OF HAZARD MITIGATION

Reduce

- Loss of life
- Damage to property and infrastructure
- Costs to residents and businesses (taxes, insurance, repair costs, etc.)
- Municipal service costs (long-term, e.g. emergency response, infrastructure maintenance)

Educate

- Residents
- Policy-makers

Connect

Hazard mitigation planning to other community planning efforts

Enhance

And preserve natural resource systems in the community

UPDATE ON HAZARD MITIGATION GRANT PROGRAMS

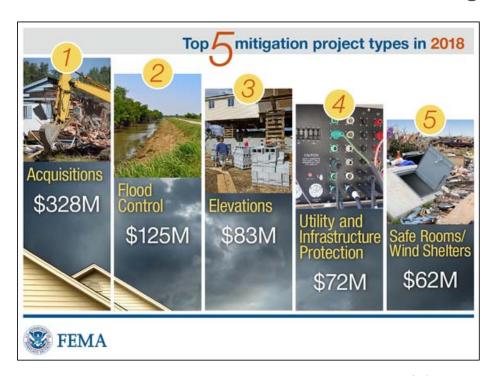
- Communities must have a FEMA-approved Hazard Mitigation Plan in place to receive Federal Grant Funds for Hazard Mitigation Projects
 - HMGP (Hazard Mitigation Grant Program)
 - FMA (Flood Mitigation Assistance)
 - BRIC (Building Resilient Infrastructure and Communities)





- Next opportunity for FMA and BRIC grant applications is Fall 2020
- Connecticut has allocated its HMGP funds from the tornadoes and flood of 2018.
- Presidential Disaster Declaration for COVID-19 (DR-4500) we expect money will go
 into HMGP but we don't yet know implications for natural hazard mitigation
- Presidential Disaster Declaration for Tropical Storm Isaias is anticipated this would place funds into HMGP

• Local communities must have a FEMA-approved Hazard Mitigation Plan in place to receive Federal Grants for Hazard Mitigation Projects





Graphics courtesy of FEMA

Grants can be used for:

- Building acquisitions or elevations
- Culvert replacements
- Drainage projects
- Bank stabilization
- Landslide stabilization
- Wind retrofits
- Seismic retrofits
- Snow load retrofits
- Standby power supplies for critical facilities



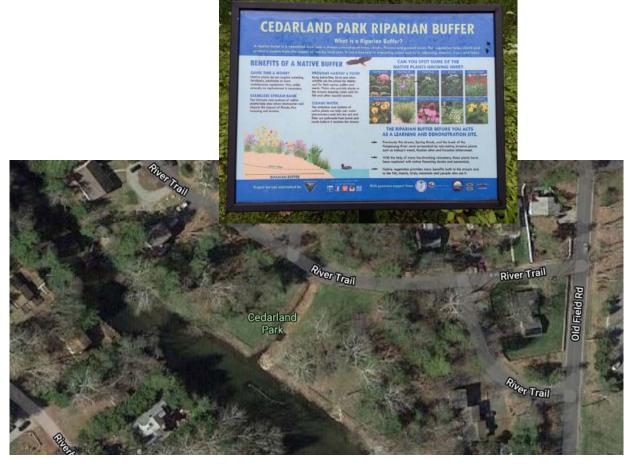
This home in Trumbull was acquired and demolished using a FEMA grant



PROPERTY ACQUISITIONS LIKE THOSE IN SOUTHBURY







DRAINAGE PROJECT IN BROOKFIELD

- Brookfield
 - Meadowbrook Manor
 - \$1.3 M
 - New system to alleviate drainage and conveyance problems from Lime Kiln Brook. Flooding has led to flooded septic systems, wells, and homes.



CULVERT REPLACEMENT FUNDED BY HMGP IN BUCKLAND, MA





Floyd 1999



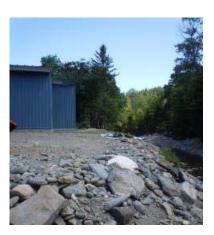
Irene 2011

RIVERBANK STABILIZATION FUNDED BY HMGP IN HAWLEY, MA









Post-Irene 9/2011





Construction August 2017





STATUS OF EXISTING PLANS

Status of Plans in Connecticut

- Most initial plans developed 2005-2011
- Local plans are updated every five years

Status of Former Plans

- The VCOG multi-jurisdiction HMP was approved in February 2012
- The second editions of the Watertown, Woodbury, and Oxford plans were approved in 2014
- The second editions of the remaining former COGCNV plans were approved mainly in late 2014 and 2015
- The former CCRPA multi-jurisdiction HMP (Bristol and Plymouth) was approved in 2016 under contract to CRCOG
- All 19 municipalities will now share one multi-jurisdiction plan

LOCAL PLAN EXPIRATIONS

- Submit plan to FEMA prior to the former CCRPA expirations
- Submit plan to FEMA prior to availability of HMGP funds in 2021

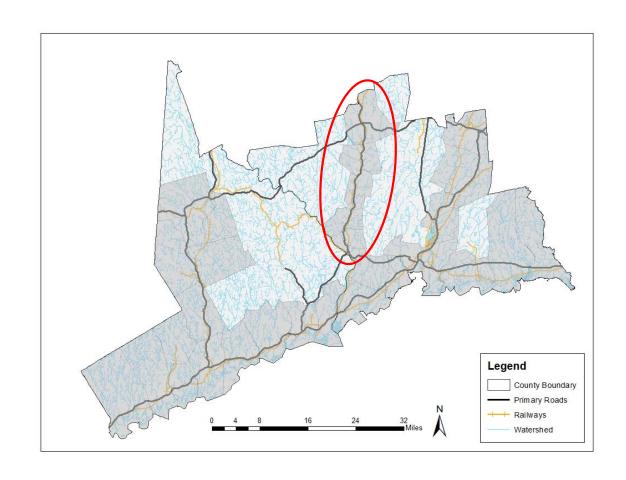
Municipality	Plan Expiration							
Ansonia	2/12/2018							
Derby	2/12/2018							
Shelton	2/12/2018							
Seymour	2/12/2018							
Watertown	6/1/2019							
Woodbury	6/2/2019							
Oxford	8/18/2019							
Cheshire	12/18/2019							
Southbury	12/29/2019							
Middlebury	12/29/2019							
Thomaston	2/8/2020							
Prospect	2/25/2020							
Wolcott	2/25/2020							
Waterbury	2/26/2020							
Naugatuck	2/29/2020							
Bethlehem	11/7/2020							
Beacon Falls	1/3/2021							
Plymouth	9/12/2021							
Bristol	9/12/2021							

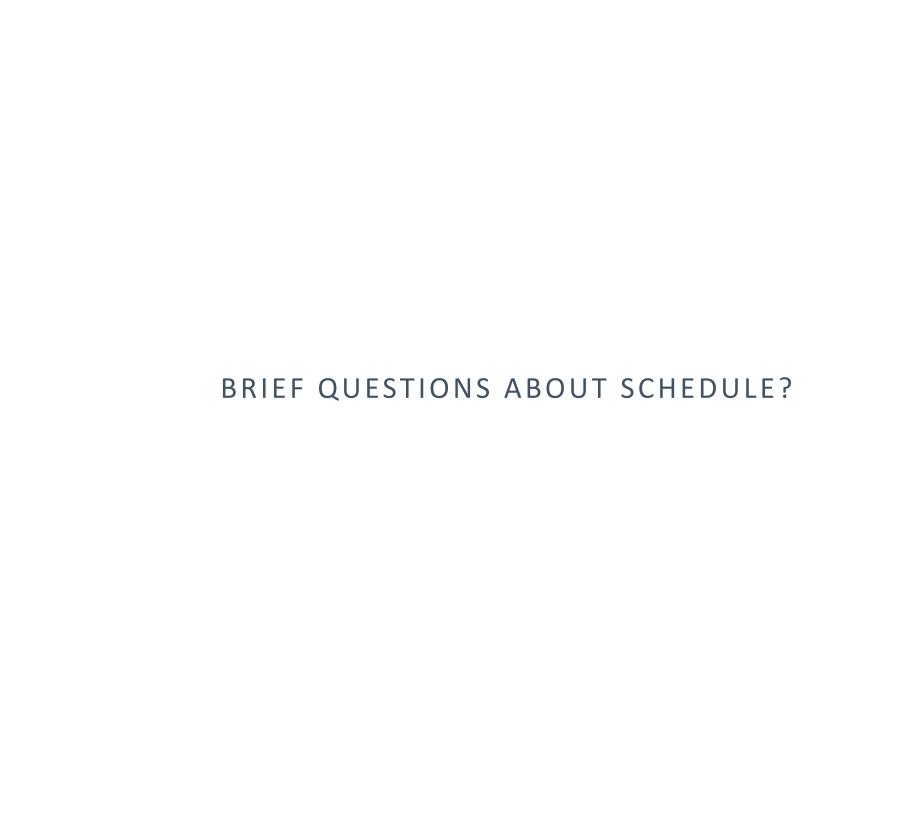
OVERALL SCHEDULE OF THE UPDATE

	Task	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21
1	Planning Process												
2	Hazard Analysis and Risk Assessment												
3	Assess Status and Update Mitigation												
	Strategies												
4	Draft Plan												
5	Submission to DEMHS and FEMA												
6	Adoption, Approval, and Distribution of												
	Plan												

COORDINATION WITH RESILIENT CT

- Resilient CT is the planning process administered by the Connecticut Institute for Resilience and Climate Adaptation (CIRCA)
- Focused on New Haven and Fairfield Counties (areas of funding eligibility)
- Goal is to foster resilience, adapted development along major transitways which will allow evacuation from the shoreline and make all communities more resilient





PUBLIC ENGAGEMENT APPROACH

Public Meetings

- Up to 19 in-person or web-based for the region, allowing one per town, but we have flexibility to group geographically and "save" meeting time for follow-ups
- Tailored to the phase of State re-opening occurring at the time
- NVCOG and municipalities will post informational notices (not legal notices)
- We will post notices on Patch.com and some social media
- So, how is this going?
 - The assumption of higher attendance because people can "login from anywhere" is not playing out; this is likely "Zoom fatigue"
 - People are using their smartphones and iPads, limiting our reliance on graphics
 - Attendance is lower not higher after severe storm events

PUBLIC ENGAGEMENT APPROACH

Public Survey

- A SurveyMonkey survey will be used to gather comments
- Publicized simultaneously with public meetings

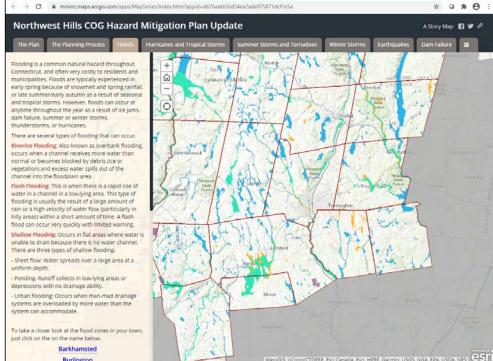
Story Map

- ArcGIS based, interactive platform
- Provide landing spot for project related documents, updates, maps, etc.

PUBLIC ENGAGEMENT APPROACH

Story Map for Northwest Hills COG Hazard Mitigation Plan







SCHEDULING OF LOCAL MEETINGS

- MMI will coordinate with a "local coordinator"
- Meetings will be in-person or web-based
- To review:
 - Vulnerable and at-risk areas
 - Critical facilities
 - Impacts of events that occurred after your last plan, including:
 - Tornadoes of May 2018 (disaster declared in SW CT)
 - Flood of September 2018 (disaster declared in SE CT, but damage spanned state)
 - Tropical Storms Isaias of August 2020
- Noah Slovin and Victoria Brudz will likely be the MMI person who meets with you

All meetings should be complete by October