

LEGEND	
	Viaduct
	Transition
	At grade
	Tunnel
	Construction Contracts



State St



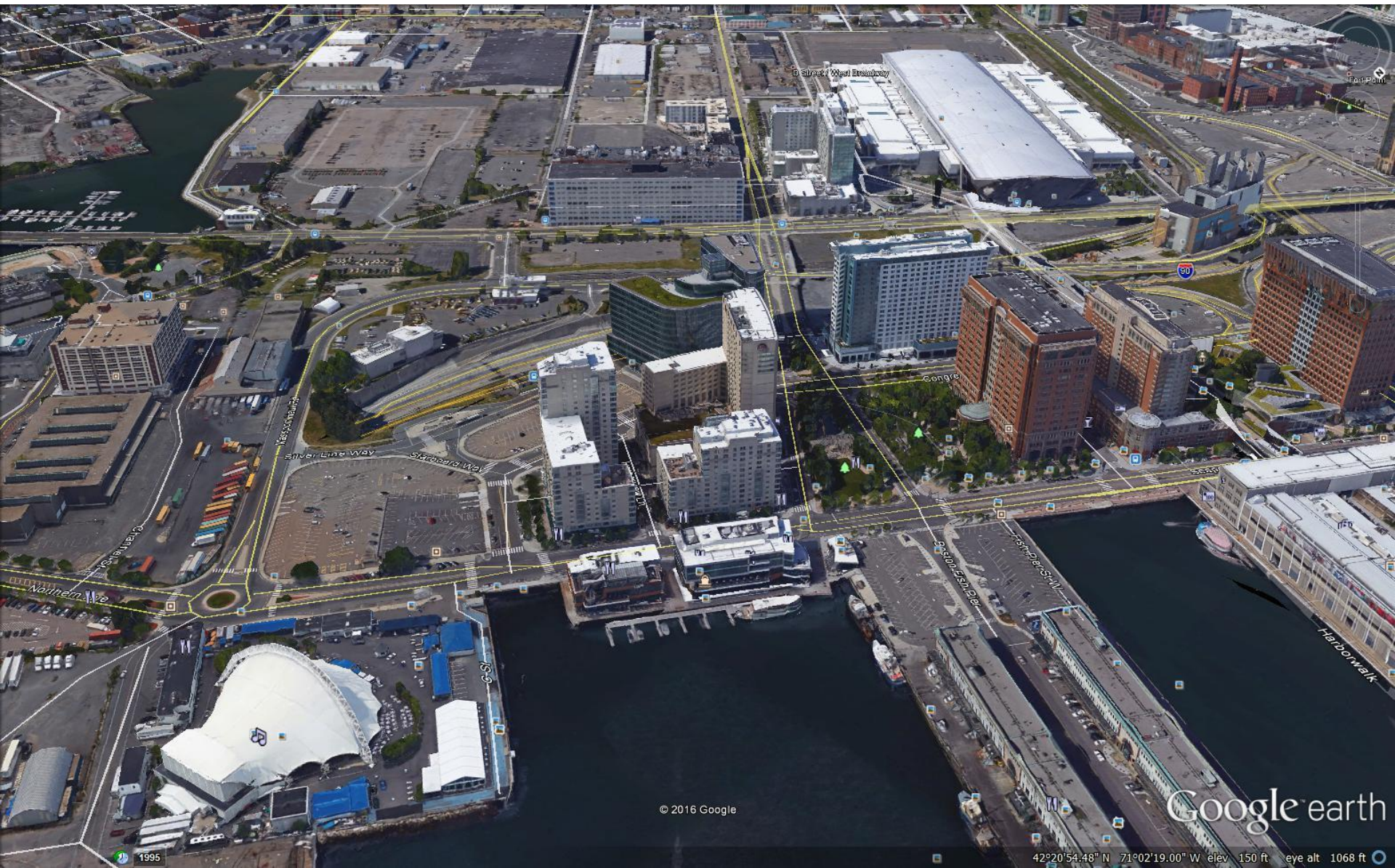
Exit Street View

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Google earth

42°21'34.91" N 71°03'05.21" W elev 19 ft eye alt 19 ft

[Report a problem](#)

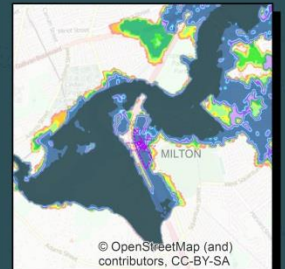
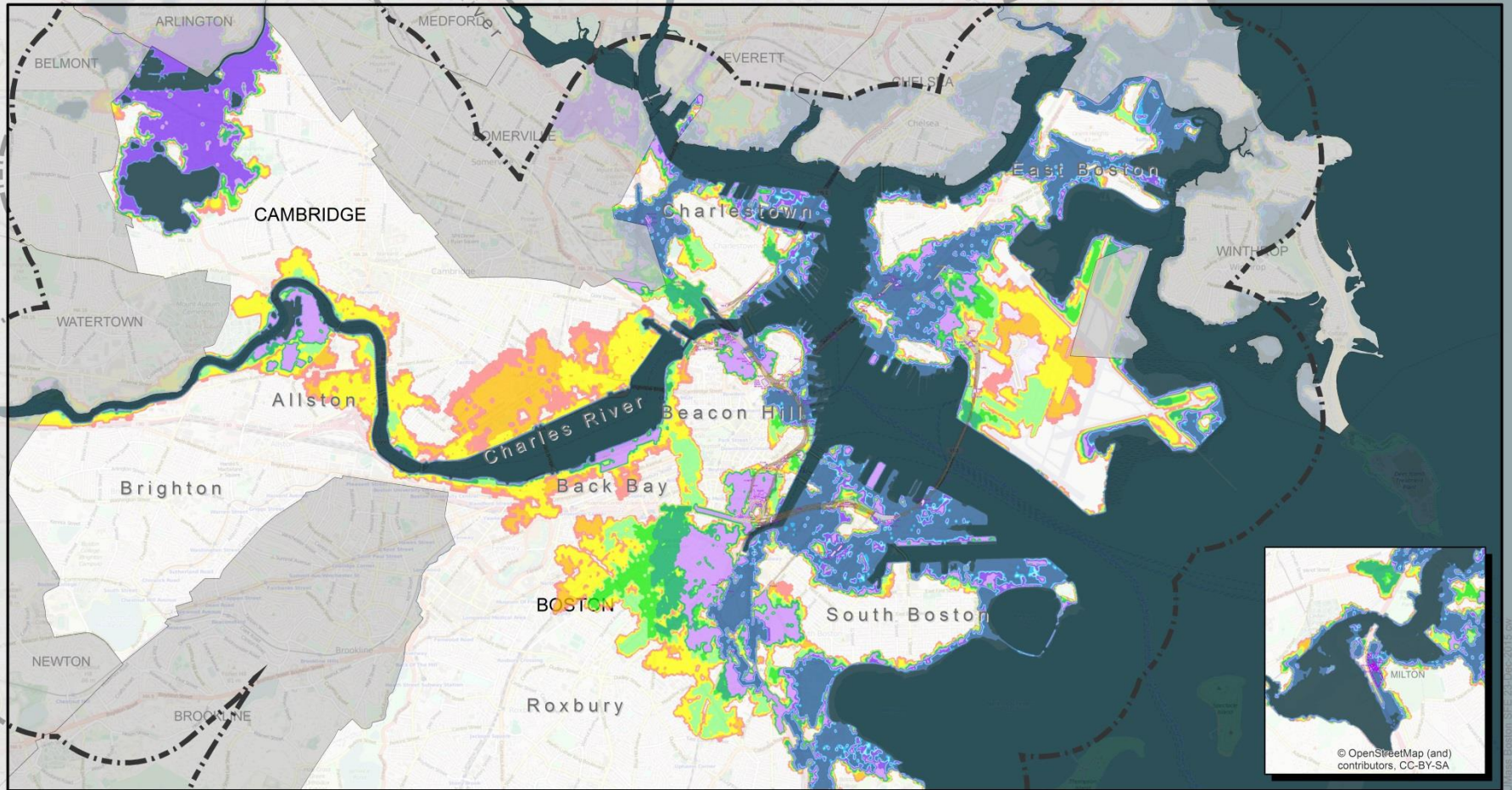
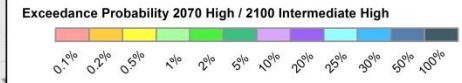
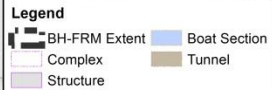


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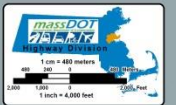
42°20'54.48" N 71°02'19.00" W elev 150 ft eye alt 1068 ft



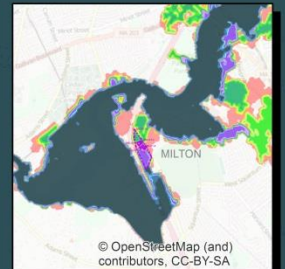
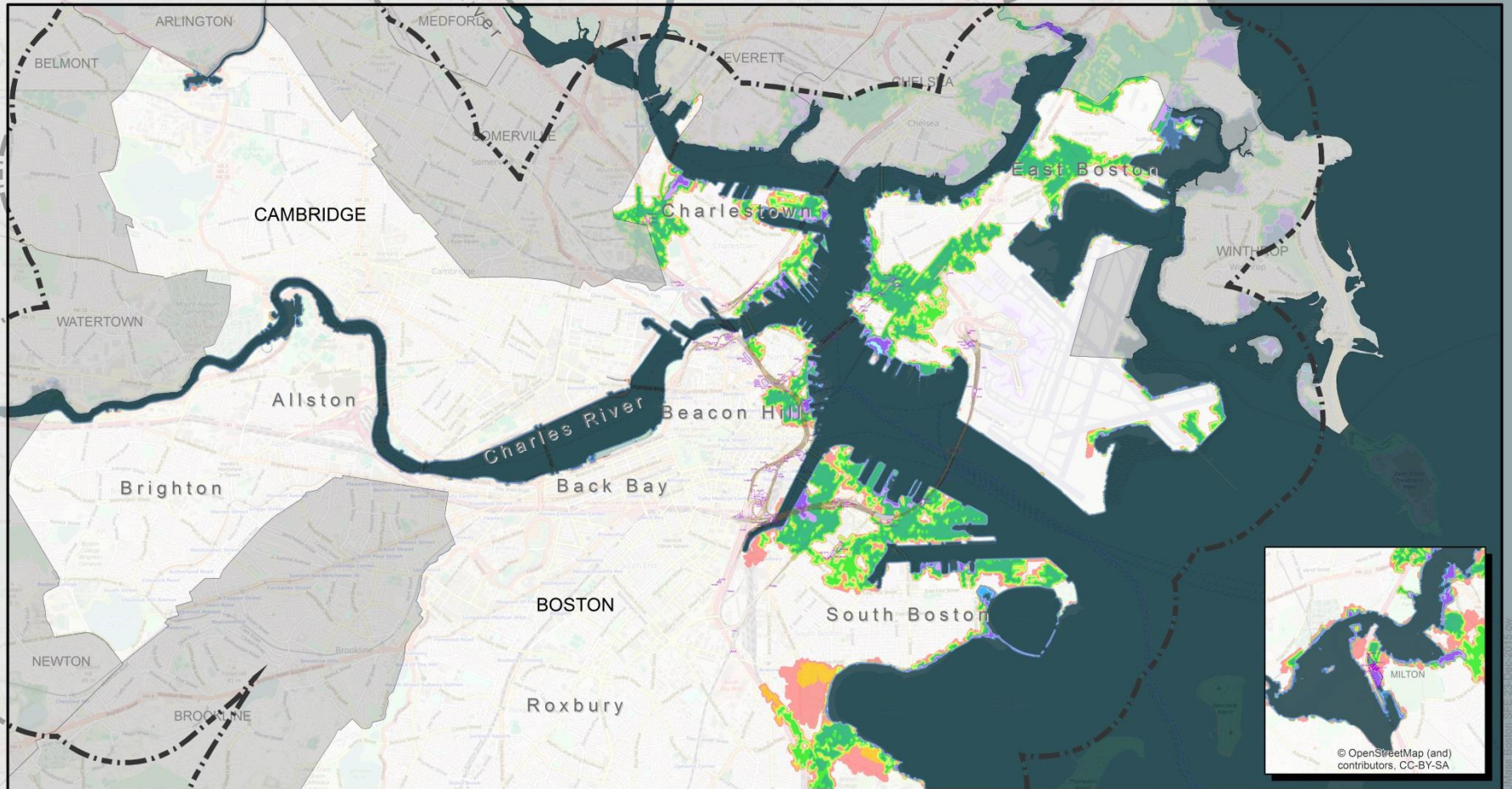
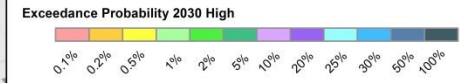
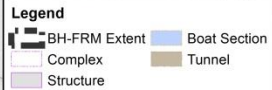


MassDOT/FHWA
Climate Adaptation Pilot
23-Dec-2015
Sources: MassDOT, Woods Hole Group, UMass Boston, MassGIS, and ESRI (as indicated below)

BH-FRM Coastal Flood Exceedance Probabilities
Central Artery and Tunnel System
2070 High / 2100 Intermediate High Scenarios
3.2 feet (98 cm) SLR relative to 2013



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MassDOT/FHWA
Climate Adaptation Pilot
23-Dec-2015
Sources: MassDOT, Woods Hole Group, UMass Boston, MassGIS, and ESRI (as indicated below)

**BH-FRM Coastal Flood Exceedance Probabilities
Central Artery and Tunnel System
2030 High Scenario
0.62 feet (19 cm) SLR relative to 2013**



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Search for a location



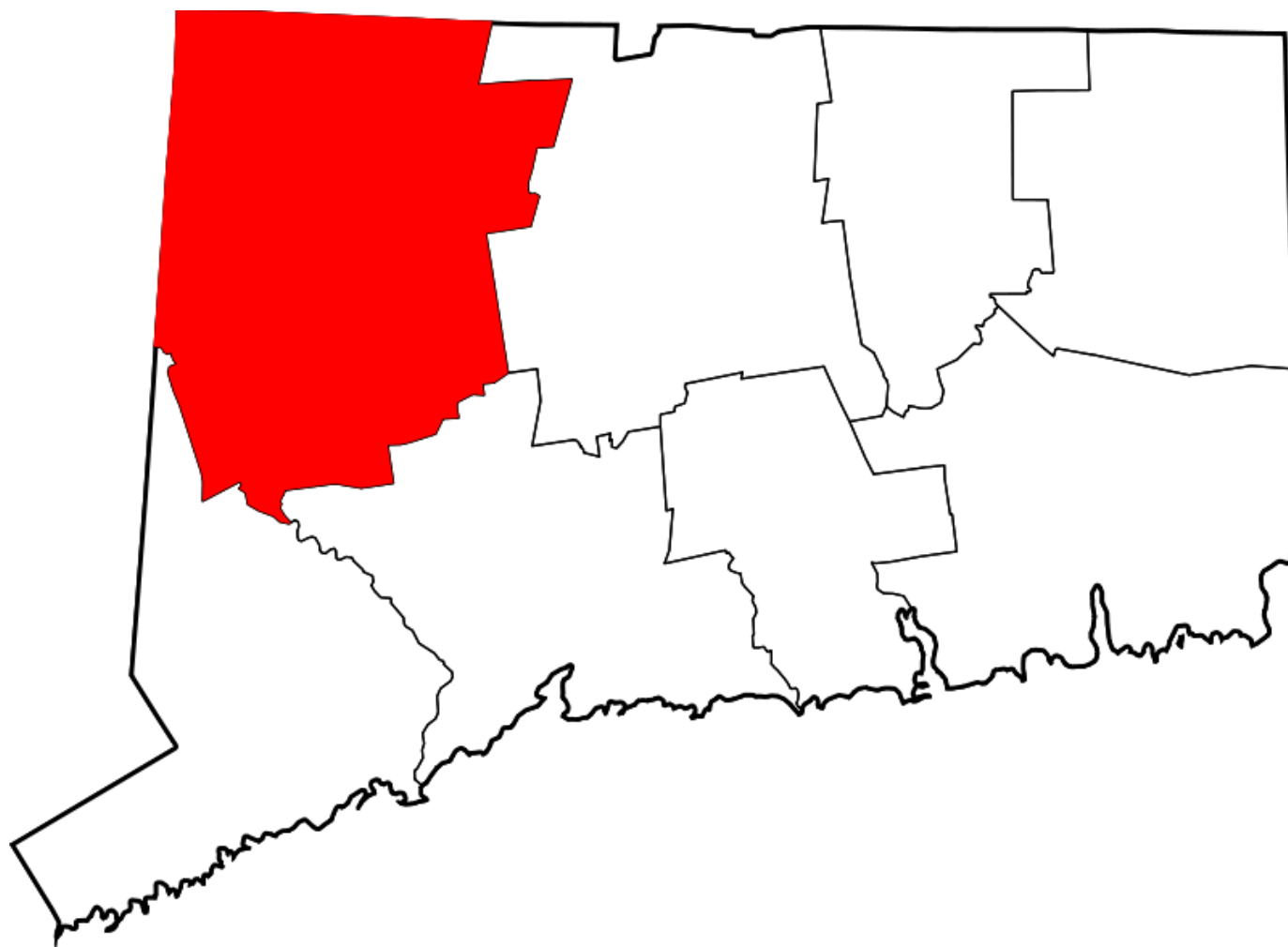
Location	Route 20 EB, East of Prospect St. by TJ Maxx
Event type	Flooding
Event date	
Primary cause - climatic event	Heavy Precipitation
Secondary cause-asset response to climatic event	inadequate drainage, runoff from parking lots and shopping center
Other details	6 times per year. data from the flood survey
Frequency of event	Seasonally

[Zoom to](#) [Edit](#)

Litchfield hills



Lake Waramaug, Warren/Kent/Washington





Litchfield hills



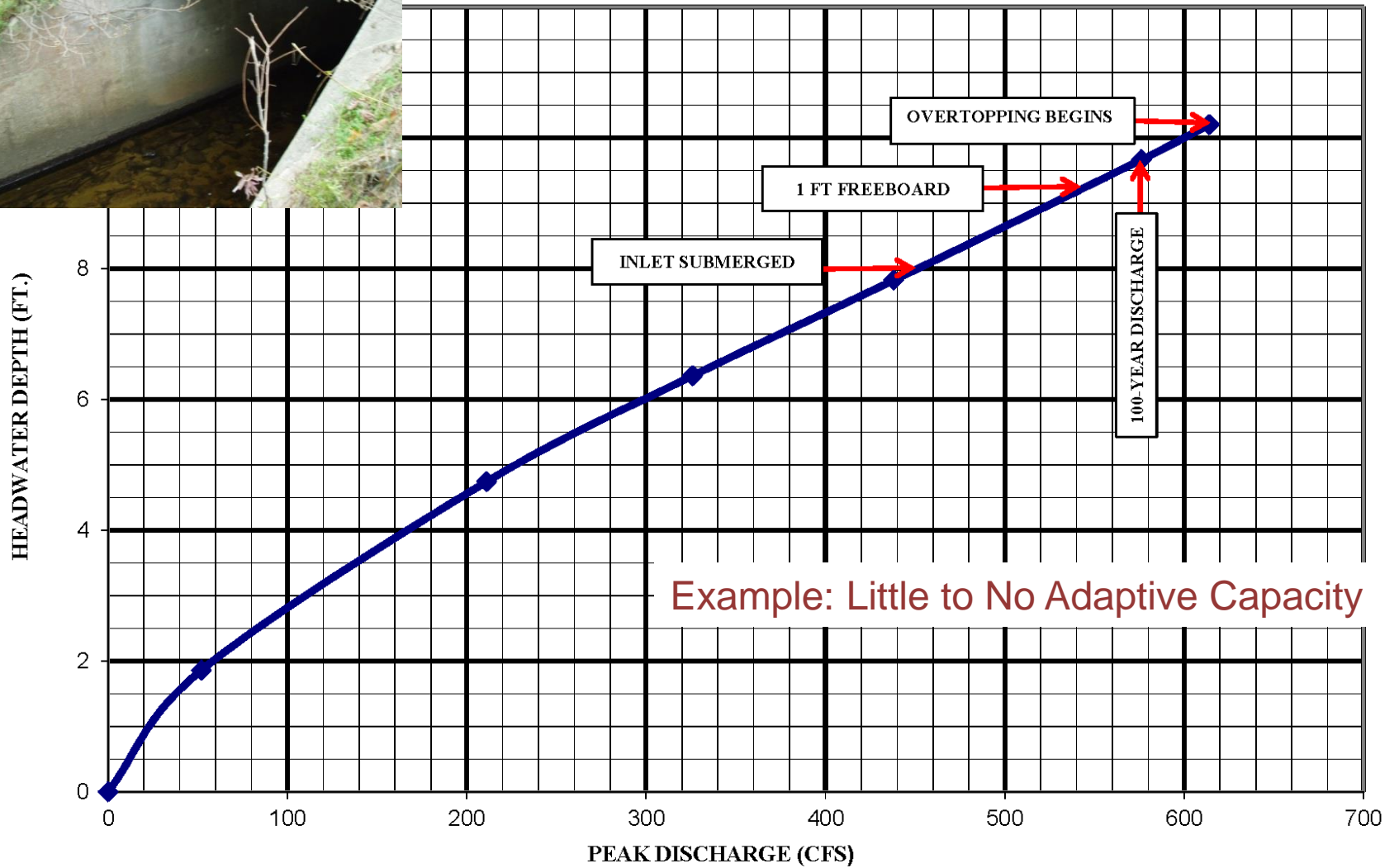
Covered Bridge, Cornwall

Litchfield hills

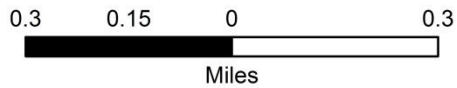
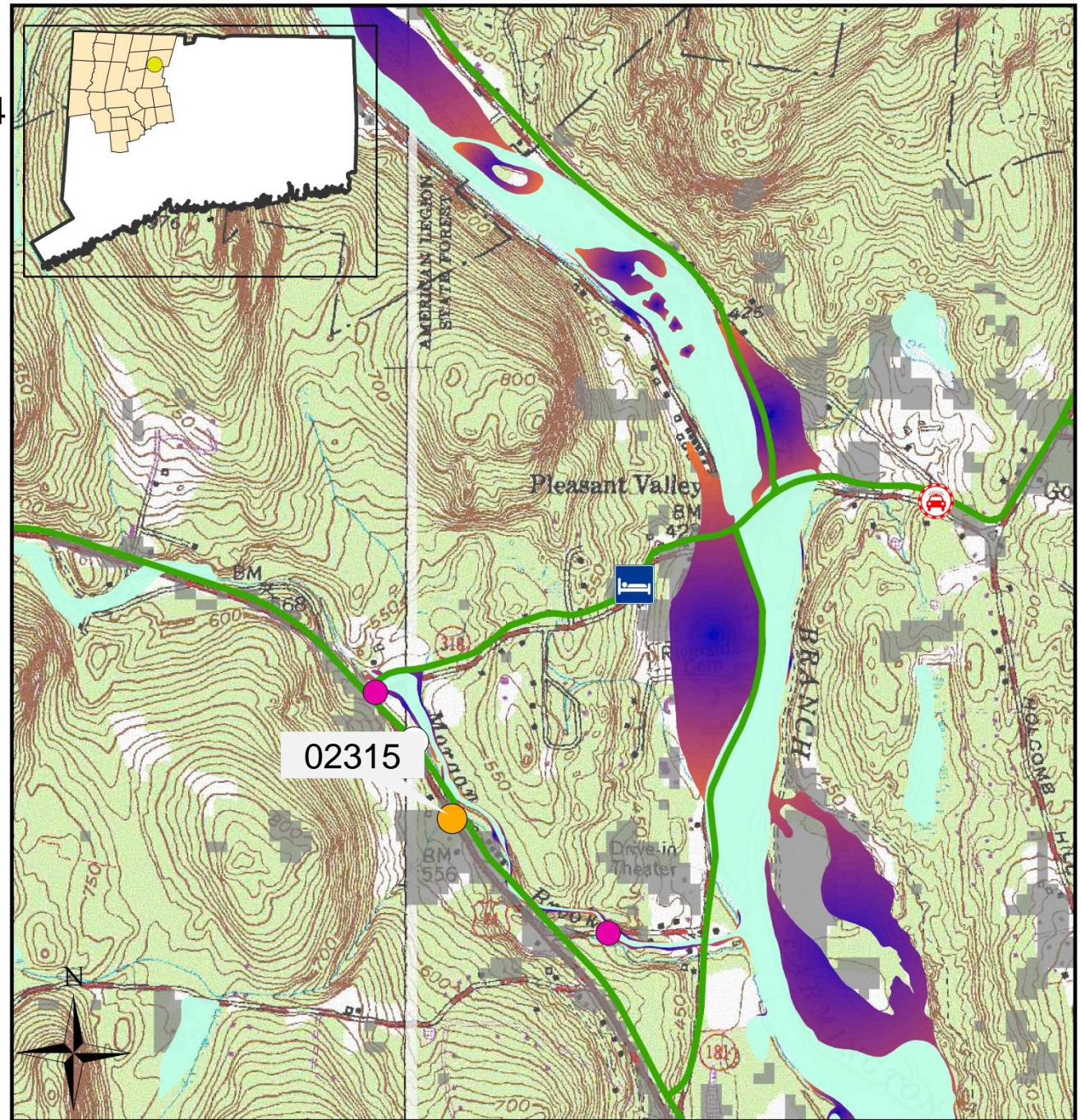
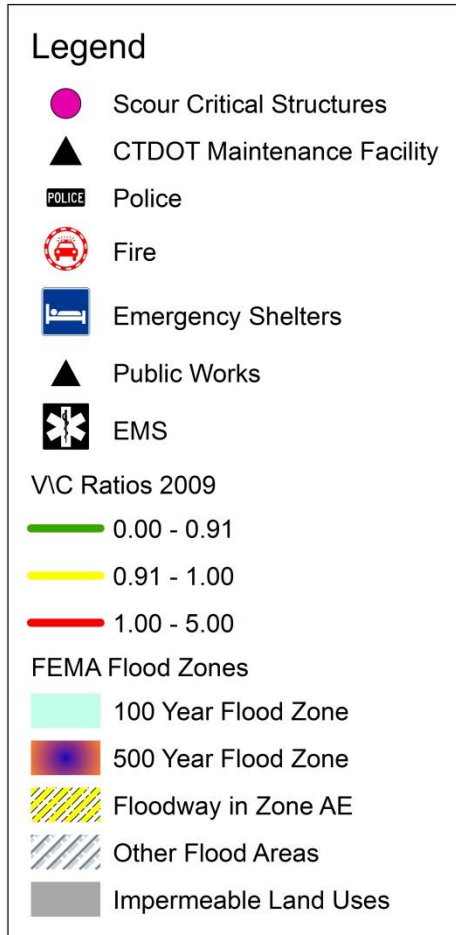




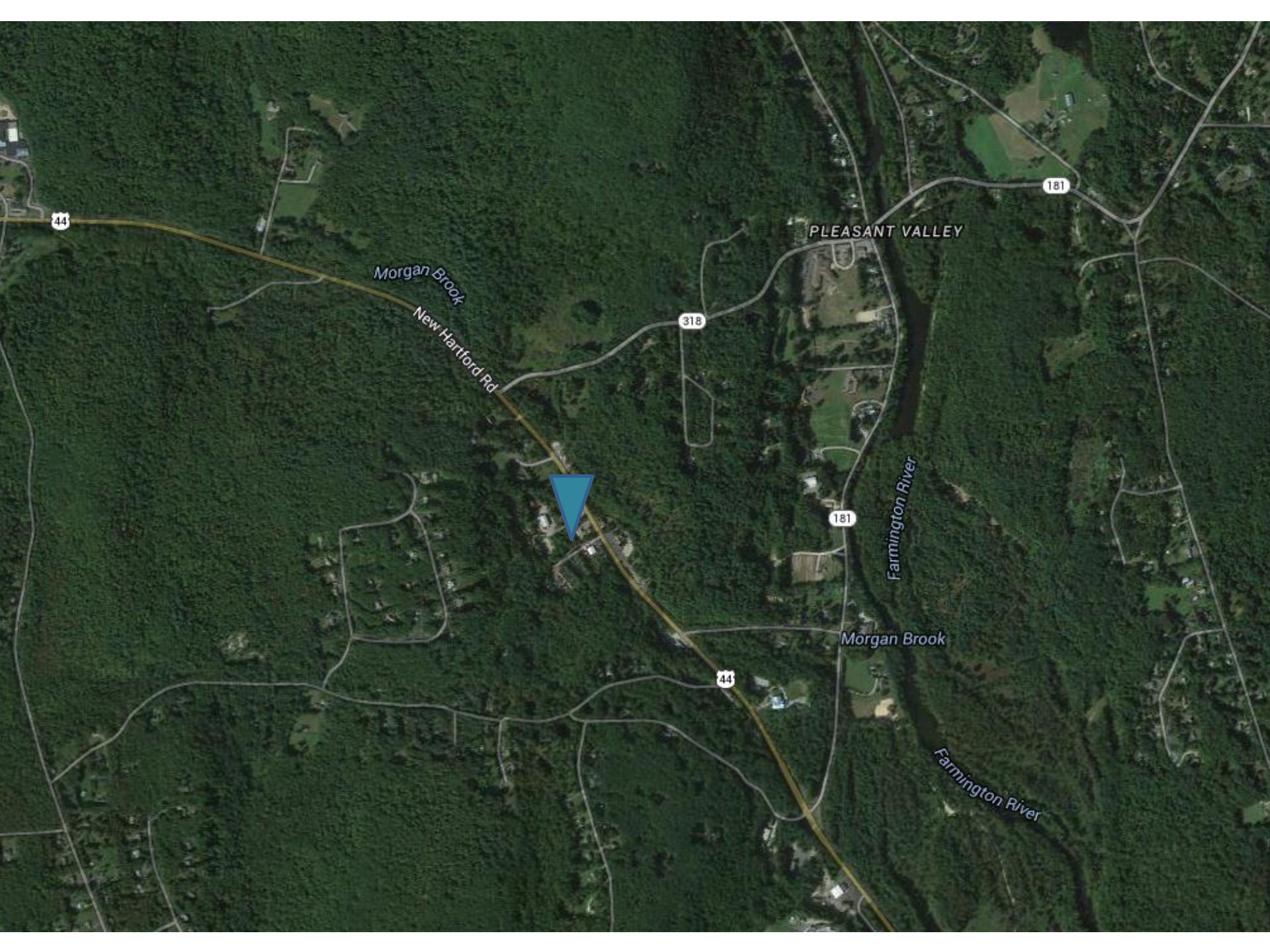
STRUCTURE NO. 02315 HEADWATER DEPTH VS. PEAK DISCHARGE



Barkhamsted- Route 44

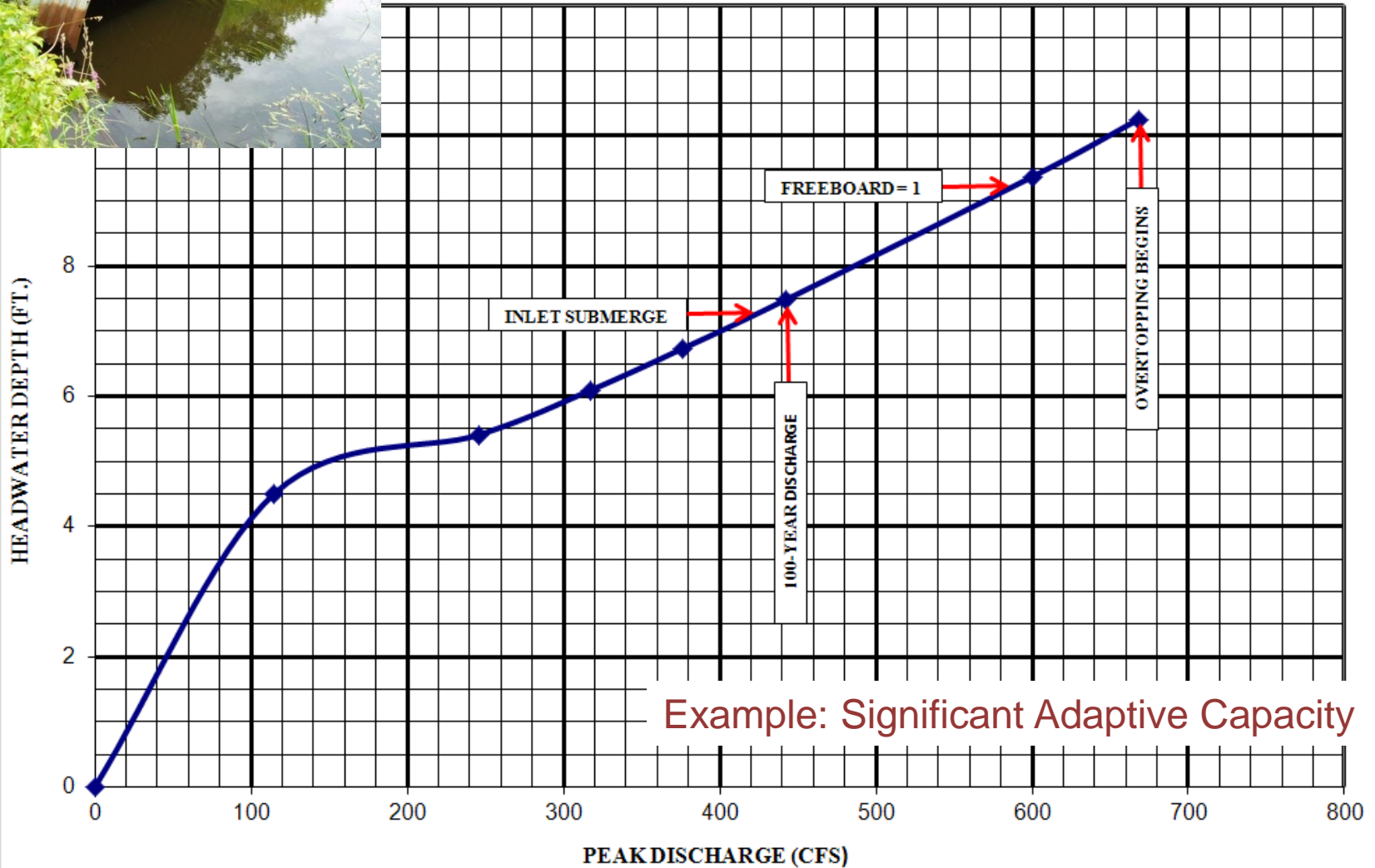


Criticality Score: 7










STRUCTURE NO. 05417
HEADWATER DEPTH VS. PEAK DISCHARGE



Morris- Route 109

Legend

Climate Structures

-  Climate Structures
-  Scour Critical Structures
-  CTDOT Maintenance Facility
-  Police
-  Fire
-  Emergency Shelters
-  Public Works
-  EMS

VC Ratios 2009

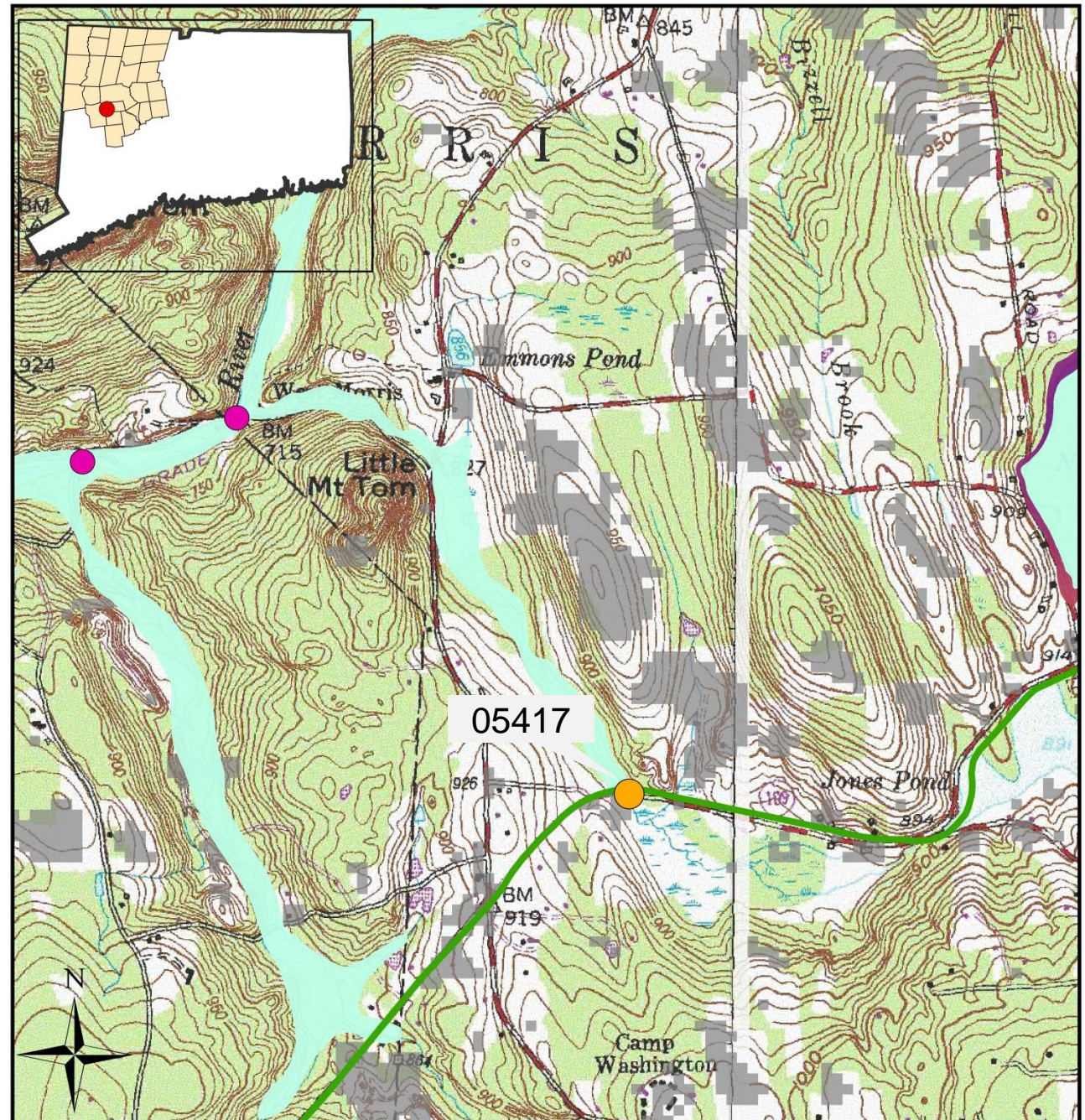
-  0.00 - 0.91
-  0.91 - 1.00
-  1.00 - 5.00

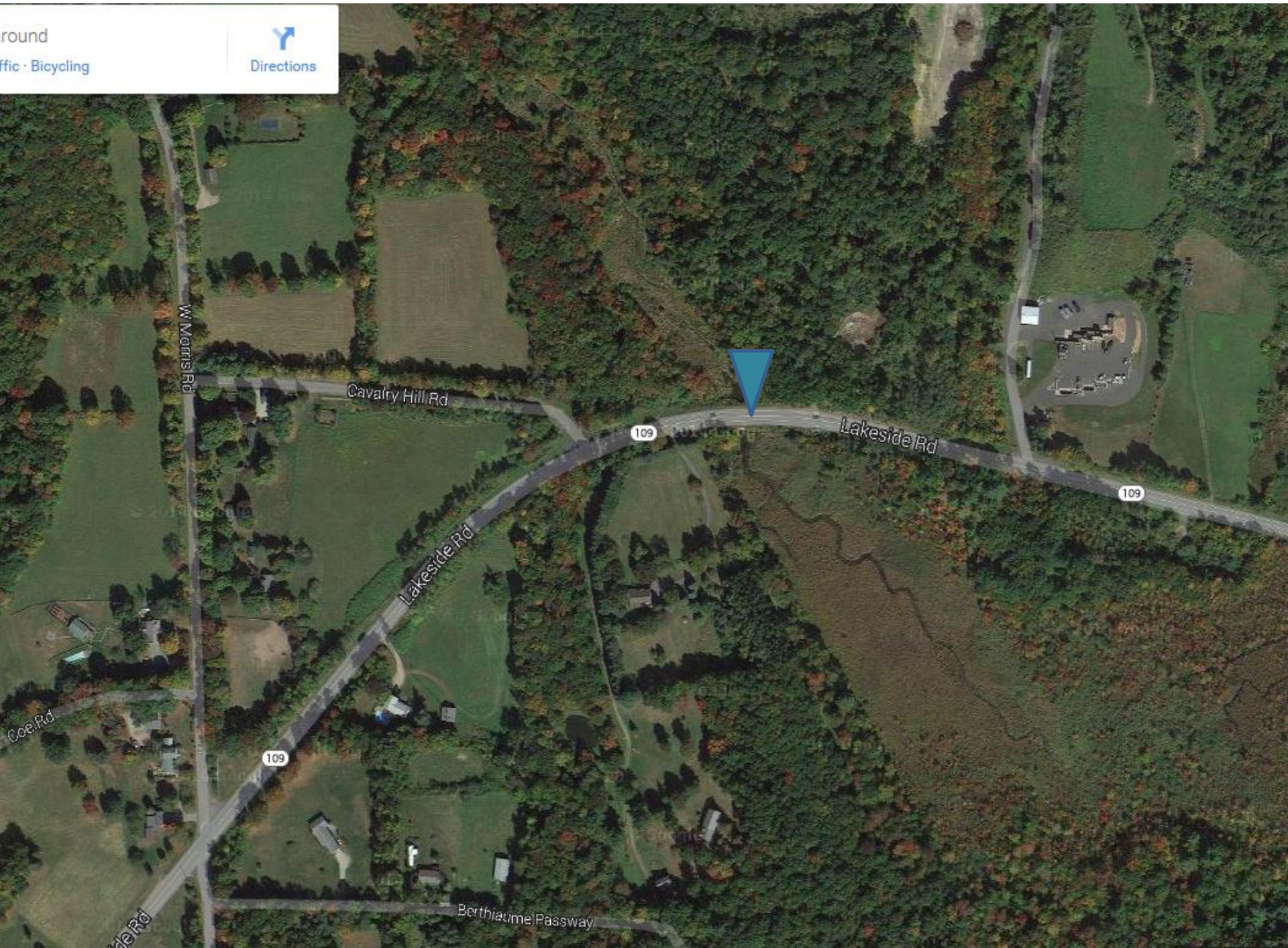
FEMA Flood Zones

-  100 Year Flood Zone
-  500 Year Flood Zone
-  Floodway in Zone AE
-  Other Flood Areas
-  Impermeable Land Uses

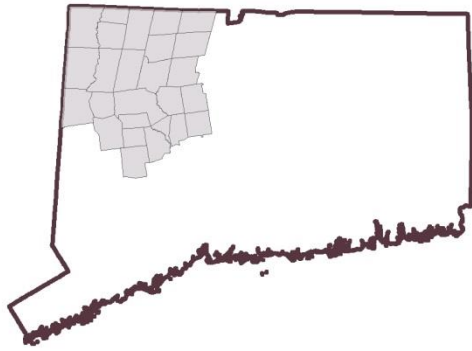


Criticality Score: 8





Litchfield Hills Study Structures Criticality Rankings



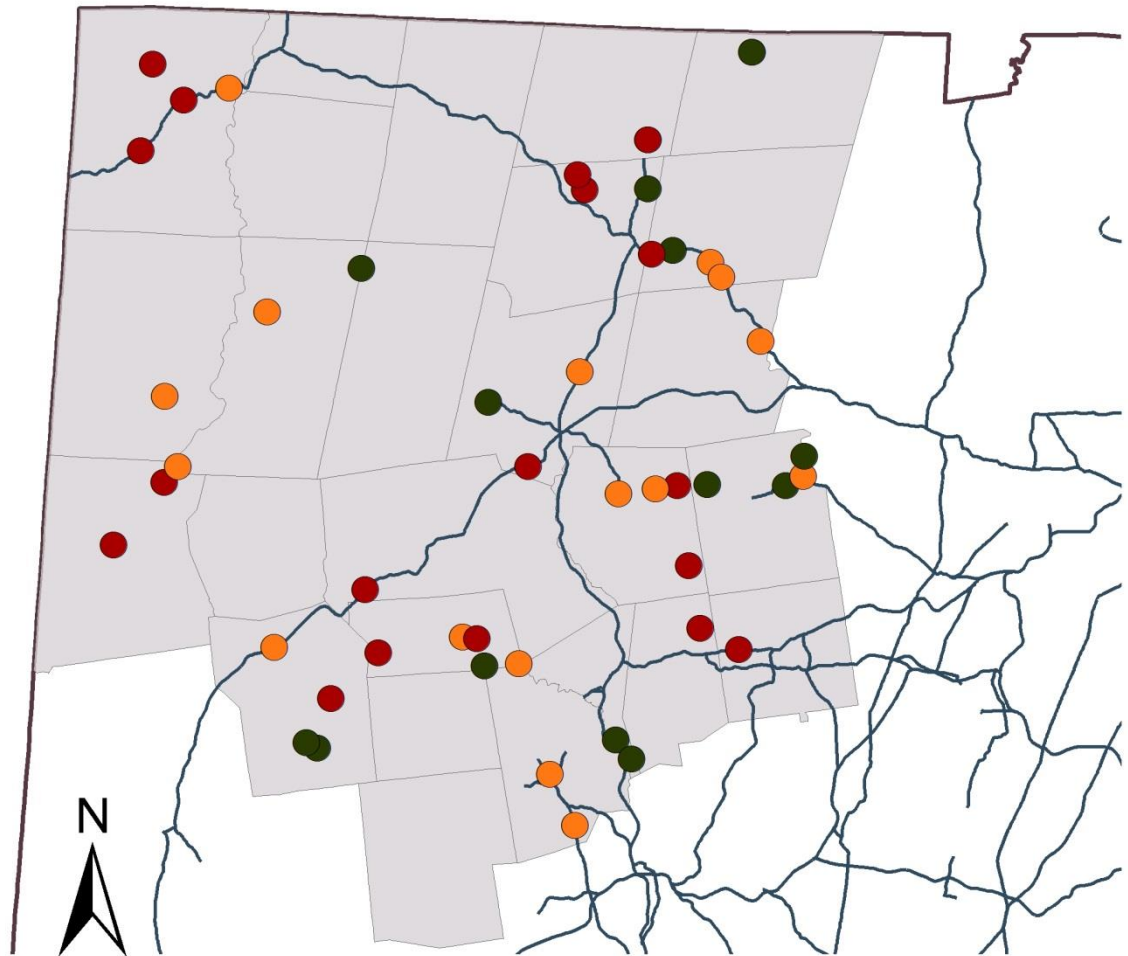
Legend

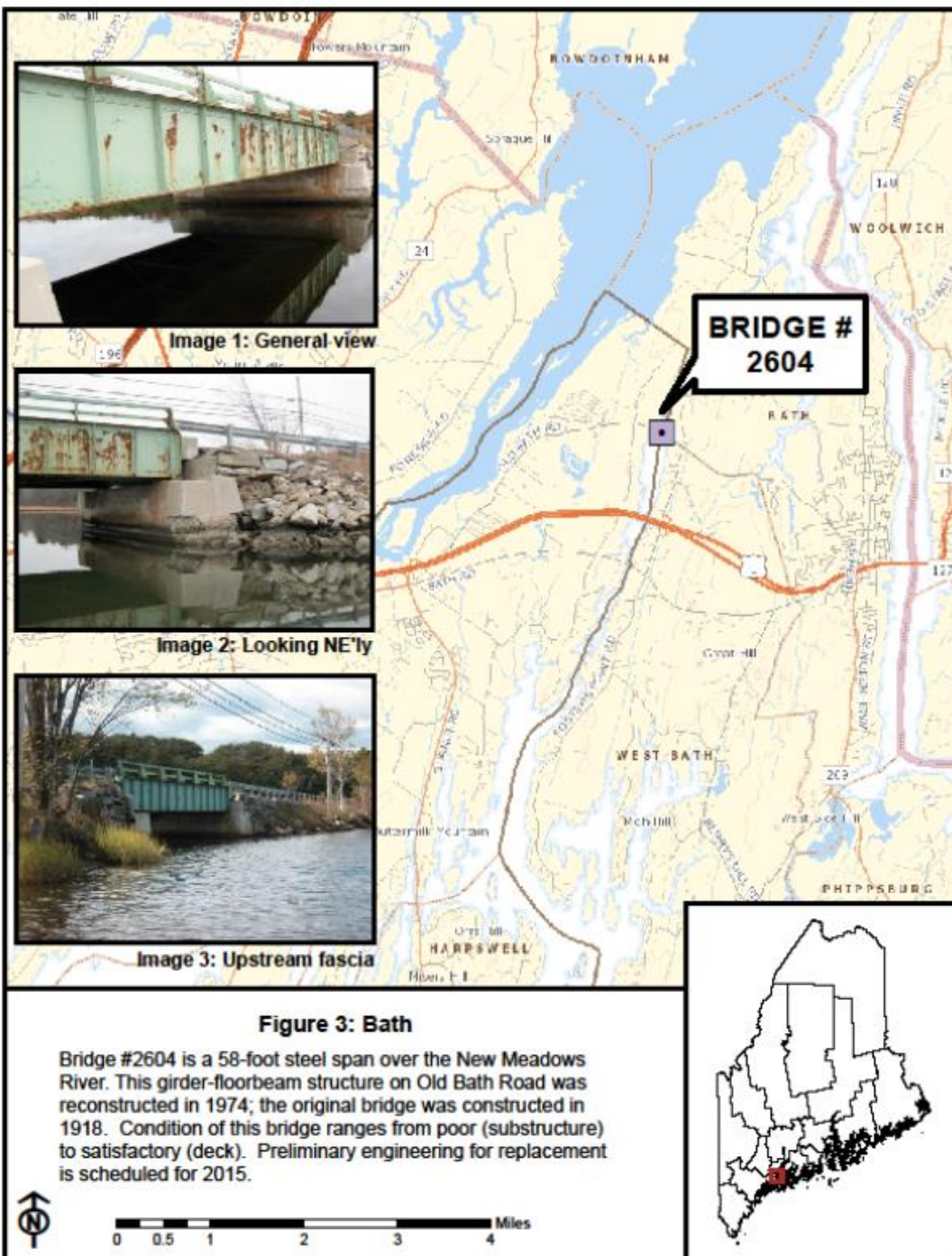
- Low Risk
- Moderate Risk
- High Risk

— National Highway System

■ Study Region

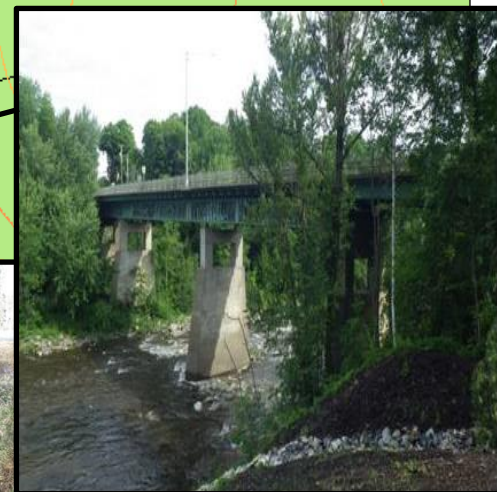
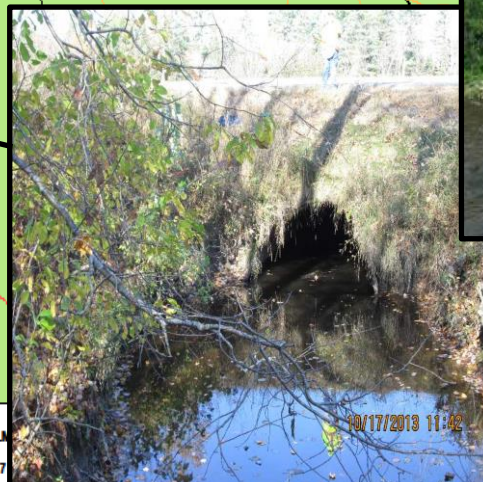
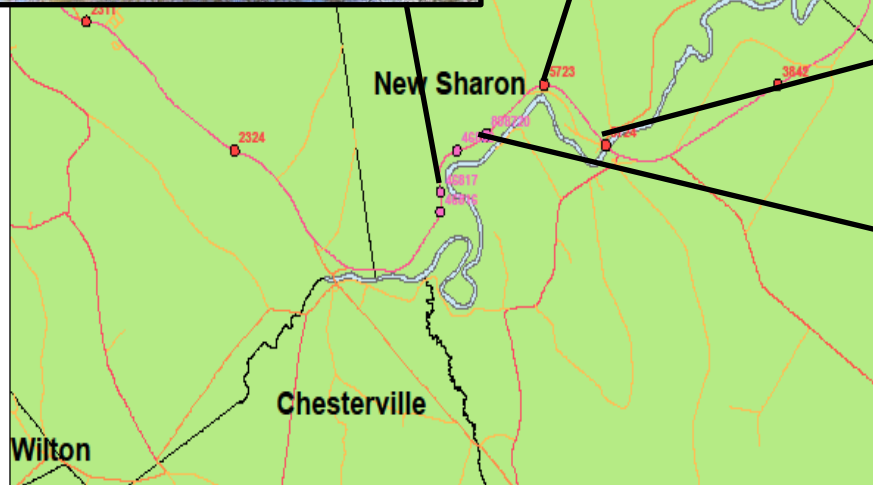
0 5 10 20 Miles





New Vineyard

Route 2, Mercer



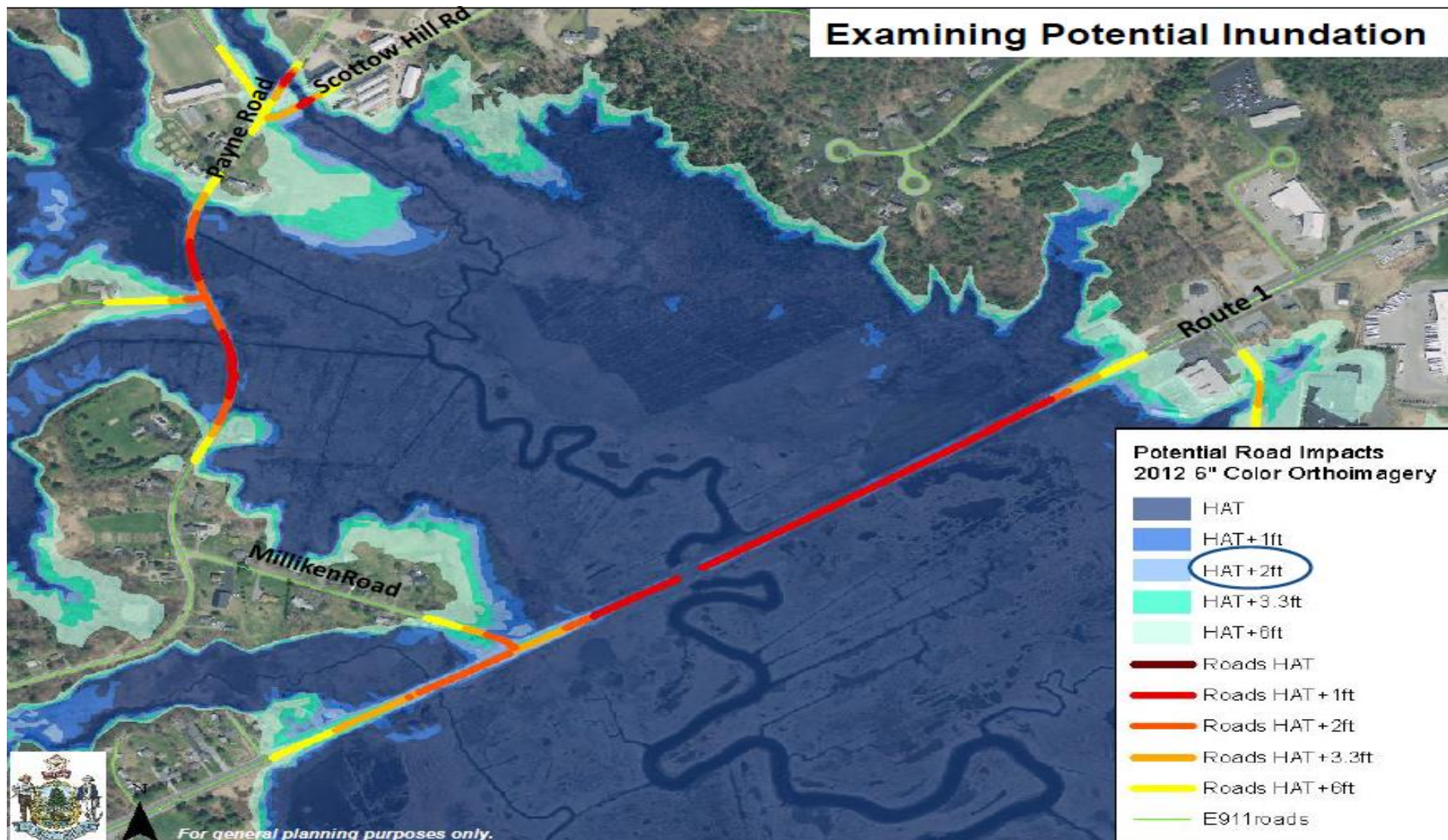
0 0.3 0.6 1.2 1.8 2.4 Miles

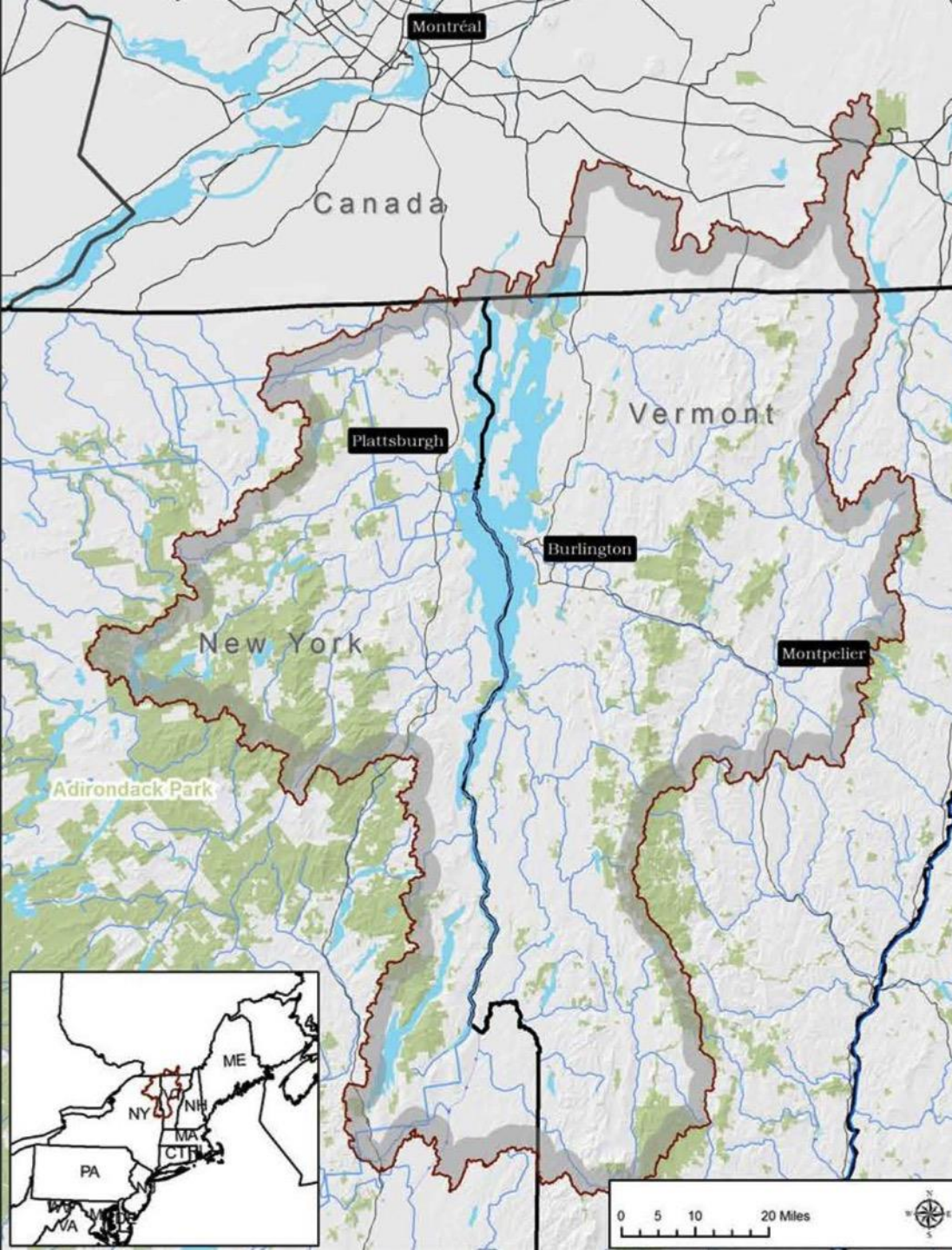
RLA

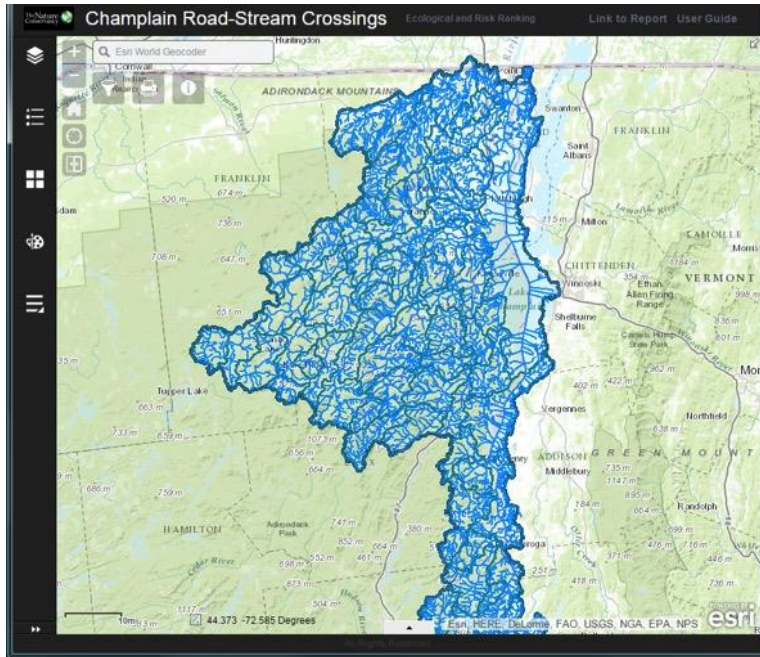
7



Examining Potential Inundation







- ☐ Fish Barrier
- ☐ Ecological Rank by HUC 12 Watershed
- ☐ Barrier Assessment
- ☐ Road & Crossing: Vulnerability, Criticality & Risk
- ☐ Species of Interest
- ☒ Base Layers
 - ☒ Rivers/Streams
 - ☐ Champlain HUC12
 - ☒ Champlain Watershed

