



2 Avon

Community Overview

Avon is a suburban town in north-central Connecticut with a population of about 18,000. It has an average elevation of about 350 ft. The Town encompasses 23.5 square miles, lying entirely within the Farmington River watershed. The Farmington River forms the Town's western border then makes a U-turn in neighboring Farmington, to flow south to north in the eastern section of Avon. Major tributaries that course through Town include Big, Chidsey, Cider, Hawley, Nod, Roaring, Thompson, and Wiggin Brooks. Major state routes that pass through Avon include Routes 10 and 44. Insurance, printing, concrete products, poultry processing, reflective tapes, fiber optics, and medical facilities are the major industries in Avon.

A development project in the Village center is moving forward. Preliminary discussions about redevelopment of Fox Run Golf Course have occurred, but no specific plans have been proposed.

Critical Facilities

Critical Facilities throughout the Capitol Region are listed in Appendix B. In Avon, these include the Company 1 Volunteer Fire Department, the Town Hall Complex, the Public Works facility, and a number of medical facilities.

Table 2-1: Critical Facilities, Avon

Facility	Shelter	Generator
Company 1 Volunteer Fire Department	Primary	X
Town Hall Complex		
Avon High School	Secondary	X
Public Works		

Capabilities

Avon's hazard mitigation capabilities include its emergency response departments, primary and secondary shelter, zoning regulations, and coordination with the regional energy provider. Hazard mitigation is addressed specifically in the community's Plan of Conservation and Development.

The town of Avon consistently replaces and upgrades culverts and bridges and takes other steps to reduce its risk to flooding. Avon has strict floodplain regulations that encompass areas within both the 1% and 0.2% annual-chance floodplains, and that limit development within those areas. The town also maintains zoning regulations that address the sustainability of buildings using eight measures of sustainability.

Zoning regulations require cisterns and fire ponds in new developments. The town has a Fire Marshal who, among other duties, typically recommends sprinklers in all new homes.

Avon works closely with the electricity provider Eversource to coordinate tree trimming and respond to power outages. Coordination has been successful, though outages still occur occasionally. The Avon Public Works Director is the town's Tree Warden.

New Capabilities

No new development or changes in land use have been approved recently in the floodplain.

The Farmington River bridge at Old Farms Road is scheduled to be replaced and upsized in the spring of 2019. A 1,000-foot section of Old Farms Road will be elevated with the bridge, which will have the capacity to convey a 4-percent annual-chance flood. Avon also recently replaced a box culvert at Old Wheeler Lane, though that project did not include upsizing.

New EAPs have been prepared for the Upper and Lower Unionville Reservoir dams, both of which are town-owned Class B dams.

Since adoption of the 2014-2019 Capitol Region Natural Hazards Mitigation Plan Update ("2014 HMP"), a furniture store on Waterville Road was approved to be constructed with a higher design-snow-load for the roof (greater than 30 pounds). This is an example of Avon building code requirements increasing the town's capacity to withstand natural hazards.

A dry hydrant was recently installed on Oak Bluff. Other fire suppression capabilities have increased somewhat with minor improvements throughout Avon Water Company, and with the acquisition of Avon Water Company by Connecticut Water Company which has improved the company's access to resources.

Coordination with Eversource has improved, and significant tree-trimming work has occurred. The Town evaluated potential microgrid use for the Town Hall complex and Company 1 Fire Department, with the nearby Village Center development benefiting as well; however, the microgrid appeared to have a poor benefit cost ratio, and application to PURA was not made.

Avon has been working to improve the Town's mapping capabilities, though resources are still somewhat lacking (see Challenges).

Challenges

Challenges Overview

Flooding and winter weather can disrupt the transportation network in Avon, given the vast floodplain area and the steep terrain on the eastern edge of Town. Town staff also lack some basic resources to target mitigation and/or response measures, such as maps of structures in the floodplain and maps of Metropolitan District Commission (MDC) infrastructure that can be shared among public safety, planning, engineering and public works departments (see Capabilities).



Flooding is a concern for the Town of Avon, especially adjacent to Secret Lake and along the Farmington River. Beaver dams exacerbate existing flooding problems. There are at least two unnumbered FEMA A-zones in Avon that need to be studied by FEMA to establish BFEs. Town personnel have low confidence in the accuracy of the zones as currently mapped. Preliminary discussions about redevelopment of Fox Run Golf Course, adjacent to the Farmington River, have occurred, but no specific actions have been proposed; any future project in this area will need to be monitored.

Addressing repetitive flood claims is another challenge for the Town of Avon and its property owners. Among the property owners in Avon with flood insurance, three RL properties have filed multiple claims amounting to total payments of \$45,197. These repetitive flood claims make up most of the total flood loss claims filed in Avon. The three RL properties are located along Secret Lake and have rear walkout basements at risk of flooding. Other properties in the neighborhood have flood risk as well, although they may not file flood claims or may not be insured.

The Upper and Lower Unionville Reservoir dams are Class B and owned by the Town.

Avon has experienced a couple of small wildfires, both within Horse Guard State Park.

Hazard Losses

The economic losses faced by the community from natural hazards can be estimated by reviewing historic, and modeling future, loss figures. Loss estimates are summarized below.

Historic FEMA Payments

FEMA reimburses communities for hazard losses through programs including Public Assistance (PA) and the National Flood Insurance Program (NFIP). Combining PA and private flood insurance payments can give an estimate for total losses to a community.

Overall, the National Flood Insurance Program (NFIP) has paid 16 claims in Avon to date totaling \$50,059. Avon has seven RL property claims to date for three RL properties totaling \$45,197.

Total PA reimbursements to the community were as follows:

- Flood Events: \$57,349 (\$3,018 annually)
- Hurricane Events: \$150,136 (\$7,902 annually)
- Winter Storm Events: \$3,099,935 (\$163,154 annually)

These are summarized in the tables below.



Table 2-2: Flood Event PA Reimbursements, Avon

Incident	Sep 1999	Oct 2005
Declaration	9/23/1999	12/16/2005
Disaster No.	1302	1619
Entity	FEMA PA Reimbursement	
State	\$839	\$1,041
Municipal	\$5,276	\$50,193
Nonprofit	\$0	\$0
Total	\$6,115	\$51,234
Annualized	\$322	\$2,697

Table 2-3: Hurricane Wind Event PA Reimbursements, Avon

Incident	Aug - Sep 2011 (T.S. Irene)
Declaration	9/2/2011
Disaster #	4023
Entity	FEMA PA Reimbursement
State	\$1,557
Municipal	\$148,578
Nonprofit	\$0
Total	\$150,136
Annualized	\$7,902

Table 2-4: Winter Storm PA Reimbursements, Avon

Incident	Mar 2003	Dec 2003	Jan 2005	Feb 2006	Jan 2011	Oct 2011	Feb 2013
Declaration	3/11/03	1/15/04	2/17/05	5/2/06	3/3/11	11/17/11	3/21/13
Disaster #	3176	3192	3200	3266	1958	4046	4106
Entity	FEMA PA Reimbursement						
State	\$15,692	\$14,067	\$18,559	\$22,526	\$19,627	\$12,955	\$42,868
Municipal	\$67,869	\$76,057	\$68,339	\$83,677	\$60,687	\$2,452,359	\$127,211
Nonprofit	\$0	\$0	\$0	\$0	\$1,210	\$12,710	\$3,523
Total	\$83,561	\$90,124	\$86,898	\$106,203	\$81,524	\$2,478,024	\$173,601
Annualized	\$4,398	\$4,743	\$4,574	\$5,590	\$4,291	\$130,422	\$9,137

National Centers for Environmental Information Losses

The National Centers for Environmental Information (NCEI) severe storm database was reviewed to identify events that had impacted Avon. The table below summarizes events in that database that were specifically noted as having impacted Avon since 2012.



Table 2-5: NCEI Database Losses since 2012, Avon

Date	Event	Property Damage
11/1/2013	Thunderstorm	*\$8,300
Total		\$8,300

*damages from storm divided between multiple communities

NCEI losses under other event categories (such as drought, high wind, flooding, and winter storms) were not specifically noted as impacting Avon, though they did impact Hartford County and nearby towns. NCEI losses are reported in Section II of this Plan.

HAZUS-MH Losses

CRCOG used FEMA's Hazus-MH model to analyze the risks that the community might face from flooding, hurricanes, and earthquakes. The model estimates economic losses due to damage to buildings and building contents, as well as other economic disruptions. Both residential and commercial structures are addressed. Losses from different hazards are summarized below. Where available, estimates from the previous and current versions of the HMP are provided side-by-side; differences between the two may have been caused by a combination of the following:

- Changes in methodology: such as hazard zone mapping
- Changes in data: such as population and property values
- Changes in the model: this HMP utilized Hazus-MH version 4.0 rather than 2.1
- Other factors: inherent in a complex software like Hazus-MH

More details are available in the Multi-Jurisdictional HMP. Ultimately, changes in the loss estimates reflect the reality that small differences in hazard event features can have a significant impact on losses incurred.

Table 2-6: Estimated Damages to Avon from a 1% Annual-Chance Flood

Loss Type	2014 Results	2018 Results
Households Displaced	312	219
People Needing Shelter	673	300
Buildings at Least Moderately Damaged	114	13
Economic Losses		
Residential Building & Content Losses	\$45,310,000	\$25,793,594
Other Building & Content Losses	\$133,460,000	\$43,298,499
Total Building & Content Loss	\$179,770,000	\$69,092,918
Total Business Interruption Losses	\$970,000	\$1,305,069
TOTAL	\$213,740,000	\$70,397,162



Table 2-7: Estimated Damages to Avon from a 1% Annual-Chance Hurricane

Loss Type	2014 Results (1938 event)	2018 Results (1% track)
Buildings at Least Moderately Damaged	372	1
Buildings Completely Damaged	15	0
Total Debris Generated (tons)	30,082	1540
Truckloads (at 25 tons/truck) of building debris	220	62
Economic Losses		
Residential Building & Content Losses	\$51,100,000	\$4,825,753
Other Building & Content Losses	\$11,200,000	\$146,599
Total Building & Content Loss	\$69,000,000	\$4,972,352
Total Business Interruption Losses	\$6,700,000	\$25,000
TOTAL LOSSES	\$75,700,000	\$4,997,352

Losses were calculated from a modeled probabilistic earthquake (1% annual-chance of occurrence), as well as for four specific scenarios with epicenters around Connecticut.

Table 2-8: Estimated Damages to Avon from a Probabilistic Earthquake

Loss Type	2018 Results
Wage Loss	\$4,964
Rent Loss	\$2,833
Relocation Loss	\$5,316
Income Loss	\$3,681
Inventory Loss	\$241
Total Business Disruption	\$17,035
Structural Loss	\$9,974
Non-Structural Loss	\$31,861
Total Building Loss	\$41,835
Total Content Loss	\$13,270
TOTAL LOSSES	\$72,140

Table 2-9: Estimated Damages to Avon from Modeled Earthquake Scenarios

Epicenter Location	Magnitude	Estimated Total Losses
East Haddam	6.4	\$219,352.59
Haddam	5.7	\$59,435.27
Portland	5.7	\$174,221.96
Stamford	5.7	\$8,441.19

Other Hazard Costs

A nor'easter on January 4, 2018, cost the town approximately \$35,500 in cleanup and response.



Average Annualized Losses

Average Annualized Loss (AAL) figures are useful tools for comparison of the risks faced from different hazards with different likelihoods of occurring in a given time period. AAL estimates were prepared for the community based on the methodologies discussed in Section II of the Multi-Jurisdictional HMP. Dam failure, drought, tornado, and wildfire losses were sourced from the 2014 Connecticut Natural Hazard Mitigation Plan Update, with dam failure data supplemented by the National Performance of Dams Program and the Connecticut Department of Energy & Environmental Protection. Earthquake and hurricane losses were calculated in HAZUS-MH. Losses for flooding came from NFIP claims, for winter storms from Public Assistance Reimbursements, and for thunderstorms from the NCEI database. These are presented in the table below.

Table 2-10: Average Annualized Losses, Avon

Dam Failure	Drought	Earthquakes	Flooding	Hurricanes and Tropical Storms	Severe Winter Storms	Thunderstorms	Tornadoes	Wildfires	Total
\$32	\$0	\$72,140	\$4,336	\$1,134,537	\$163,154	\$2,404	\$265,531	\$4,303	\$1,646,438

Losses Summary

A review of the above loss estimates demonstrates that the Town of Avon has experienced significant expenses as a result of natural hazards and is at risk for additional losses if some of the less-frequent events were to occur. These actual and potential losses justify hazard mitigation actions to reduce losses in the future.

Mitigation Strategies and Actions

Noted Hazard Mitigation Needs

Avon is not interested in RL property buyouts or buyouts of nearby at-risk properties, as they believe mitigation of the walkout basement flood risk is feasible through wet floodproofing or basement modification. Property owners in the area should report to the Town of Avon if they have taken any actions to reduce flood damage.

The town wishes to conduct emergency dam failure drills for the Upper and Lower Unionville Reservoir dams, as required by the dam EAPs.

Status of Previous Mitigation Strategies and Actions

The Town of Avon reviewed the mitigation actions proposed in the 2014 HMP and determined the status of each. That information is included in the table below.



Table 2-11: Status of Previous Mitigation Strategies and Actions, Avon

No.	Action	Notes	Status
GOAL: REDUCE LOSS OF LIFE & PROPERTY & CONSEQUENCES AS A RESULT OF NATURAL DISASTERS			
Objective 1: Have a plan for Emergency Responders to Respond to High Winds			
1.1	Develop and maintain agreements with local contractors for emergency tree and debris removal, to quickly restore access throughout town, for emergency response.	No agreement has been made. Service purchase approval process has been developed. Contracts are individually bid and secured. Action no longer needed.	Drop
Objective 2: Improve emergency responders' knowledge of emergency action plans			
2.1	Continue to participate in regional National Incident Management System (NIMS) and other emergency response trainings.	Staff updates training as required. New staff continues to train. This is a capability.	Complete
2.2	Inform municipal staff of revisions to emergency response action plan.	All departments have updated their plan annexes and have access to the EOP. The plan is routinely updated due to staff changes and new procedures. This is a capability	Complete
Objective 3: Ensure equipment is maintained in proper operative condition			
3.1	Fully implement new fleet management system	Completed. System is operating on all town vehicles and is managed by Public Works.	Complete
3.2	Investigate CRCOG services sharing initiative, and potential for shared equipment, such as a chipper.	Completed. Equipment has been purchased for regional use, Skid steer, and mini-excavator.	Complete
GOAL: REDUCE THE LOSS OF LIFE AND PROPERTY DURING ADVERSE WEATHER CONDITIONS			
Objective 1: Monitor Weather Conditions and relocate personnel in key locations to lower response times			
1.1	Continue with current practices of relocating personnel to the east side of the Farmington River as needed.	This is an established practice which is implemented on an as needed basis. The Town had also developed an automatic response plan with UCONN Fire Department, thought that plan is no longer in place.	Carry Forward with Revision
1.2	Use Connecticut Department of Transportation highway garage as staging area for local personnel.	This action was previously stated as "Talk to CT Department of Transportation about using State highway garage as staging area for local personnel." This action was accomplished. Units can be staged if necessary. The Town will continue to maintain a working relationship with CTDOT and will use the garage for staging on an as needed basis throughout the 2014-2019 plan period.	Complete
1.3	Provide satellite televisions for Public Works and Fire Departments to monitor information when power and cable are out.	Completed. Police and Fire Departments have satellite TV. The New EOC will not have this capability.	Complete



No.	Action	Notes	Status
Objective 2: Ensure adequate staffing and provide staff with necessary tools to respond to event.			
2.1	Upgrade more staff members to wireless communication systems.	All EOC staff have smart phones; many have laptops w/Wi-Fi.	Carry Forward with Revisions
2.2	Implement web-based GIS, and provide access to sensitive information for emergency responders.	A web-based program known as Community Explorer Online (CEO) is available to all responders. Continual and ongoing updates to the system will be made as plan program changes.	Complete
2.3	Map structures located in floodplains, and develop a targeted Reverse-911 list for those property owners.	GIS staff continues to develop data. Continual development and updates to the system will be made throughout the 2014 – 2019 planning period.	Carry Forward with Revisions
2.4	Acquire a portable generator and enable hook-ups at shelters and emergency response facilities.	Completed. All public safety facilities have backup generators; however, two communication sites have been identified as needing generators. Main shelter site is equipped with backup power	Complete
Objective 3: Coordinate with all local, state and federal agencies and authorities.			
3.1	Map, or obtain mapping of, MDC infrastructure in town.	Engineering staff are attempting to get data from MDC. Continual development and updates to the system were made throughout the 2014 – 2019 planning period.	Carry Forward with Revisions
3.2	Meet with MDC staff to discuss coordinated emergency response planning.	Participated in MDC yearly drills; Engineering staff are attempting to get data from MDC. Will continue to maintain a working relationship with MDC and will participate in future drills throughout the 2014 – 2019 planning period. This is a capability	Complete
3.3	Coordinate with other agencies on an as needed basis.	This is an established practice. This is a capability.	Complete
GOAL: REDUCE THE LOSS OF LIFE AND PROPERTY DURING SIGNIFICANT FLOODING EVENTS			
Objective 1: Continue to enforce the Town of Avon's flood plain regulations.			
1.1	Continue with current development review and enforcement practices.	Regulations require structures be built above the 500-year flood zone. Proposed development is routinely evaluated for conformance with floodplain regulations during the development review process. This practice will continue throughout the 2014-2019 plan period. This is a capability.	Complete



No.	Action	Notes	Status
Objective 2: Educate public in regards to town's emergency plan and emergency shelter.			
2.1	Use municipal website and town newsletter to periodically update residents.	The Town has undertaken a number of activities over the past five years to implement this strategic action. For example, relevant information is routinely posted on the town web site; pertinent articles have been written for the town newsletter and FEMA STEP training has been provided for all 5th grade students. This is a capability	Complete

Active Mitigation Strategies and Actions

The Town proposed to initiate several new mitigation actions for the upcoming five years. Additionally, a number of actions from the previous planning period are being carried forward or replaced with revised actions. These are listed below.

Each of the following actions has been prioritized based on FEMA guidelines, listed from highest to lowest priority, and numbered.

Action #1	
Develop written procedure for relocating personnel to areas at risk of isolation during floods.	
Goal	7. Improve the emergency response capabilities of the region and its communities
Category	Preparedness & Emergency Response
Lead	Emergency Management
Cost	\$0 - \$10,000
Funding	Town Operating Budget
Timeframe	01/2019 - 12/2019
Priority	High

Action #2	
Develop prioritized list of critical facility generator needs to guide future purchases.	
Goal	5. Improve the resilience of local and regional utilities and infrastructure using strategies including adaptation, hardening, and creating redundancies.
Category	Prevention
Lead	Emergency Management
Cost	\$0 - \$10,000
Funding	Town Operating Budget
Timeframe	01/2019 - 12/2019
Priority	High



Action #3

Enter the Sustainable CT program through Registration and review actions that can be undertaken to pursue Certification. Make progress with the actions related to hazard mitigation.

Goal	4. Increase the use of natural, "green," or "soft" hazard mitigation measures, such as open space preservation and green infrastructure.
Category	Natural Resources Protection
Lead	Planning
Cost	\$0 - \$10,000
Funding	Town Operating Budget
Timeframe	01/2019 - 12/2019
Priority	High

Action #4

Install a satellite television system at the new EOC, once it is completed, to allow for monitoring of information when power and cable are out.

Goal	7. Improve the emergency response capabilities of the region and its communities
Category	Preparedness & Emergency Response
Lead	Emergency Management
Cost	\$0 - \$10,000
Funding	Town Operating Budget / DEMHS
Timeframe	07/2019 - 06/2020
Priority	High

Action #5

Determine level of communication needed for all personnel and provide wireless communication in accordance with findings.

Goal	7. Improve the emergency response capabilities of the region and its communities
Category	Preparedness & Emergency Response
Lead	Emergency Management
Cost	\$10,000 - \$25,000
Funding	Town Operating Budget / Grants
Timeframe	07/2019 - 06/2021
Priority	High



Action #6

Conduct outreach to local small businesses with the aim of preventing the accidental release and pollution from chemicals stored and used at their facilities during or following natural hazard events.

Goal	6. Improve public outreach, education, and warning systems
Category	Education & Awareness
Lead	Planning, in coordination with DEEP
Cost	\$0 - \$10,000
Funding	Town Operating Budget / Materials & Resources Provided by CT DEEP
Timeframe	01/2019 - 12/2019
Priority	Medium

Action #7

Coordinate with NEMO and CRCOG to share resources and gain technical support for hazard mitigation actions involving stormwater management and public outreach, which have parallel benefits related to MS4 stormwater permit compliance.

Goal	1. Minimize the impact of natural hazards on physical buildings and infrastructure
Category	Prevention
Lead	Public Works
Cost	\$0 - \$10,000
Funding	Town Operating Budget
Timeframe	01/2020 - 12/2020
Priority	Medium

Action #8

Work with the Connecticut Water Company to designate new areas for fire protection.

Goal	7. Improve the emergency response capabilities of the region and its communities
Category	Preparedness & Emergency Response
Lead	Fire Department
Cost	\$0 - \$10,000
Funding	Town Operating Budget
Timeframe	01/2020 - 12/2020
Priority	Medium



Action #9

Work with MDC to determine whether transmission routes can be mapped and used for emergency planning and response in Avon.

Goal	5. Improve the resilience of local and regional utilities and infrastructure using strategies including adaptation, hardening, and creating redundancies.
Category	Prevention
Lead	Emergency Management
Cost	\$0 - \$10,000
Funding	Town Operating Budget
Timeframe	07/2020 - 06/2021
Priority	Medium

Action #10

Participate in EMI courses or the seminars and annual conference held by the Connecticut Association of Flood Managers.

Goal	3. Improve institutional awareness and understanding of natural hazard impacts and mitigation within municipal governments and other decision-making bodies
Category	Education & Awareness
Lead	Planning
Cost	\$0 - \$10,000
Funding	Town Operating Budget
Timeframe	07/2019 - 06/2024
Priority	Medium

Action #11

Link properties in areas of flood risk to the Reverse 911 database to enable targeted messages.

Goal	6. Improve public outreach, education, and warning systems
Category	Preparedness & Emergency Response
Lead	Emergency Management
Cost	\$10,000 - \$25,000
Funding	Town Operating Budget
Timeframe	01/2020 - 12/2022
Priority	Medium



Action #12

Develop a flood mitigation plan for Building 1 at the Town Complex using FEMA historic structure mitigation guidelines and public participation; this process can be used as a case-study for preservation-sensitive flood mitigation of historic properties.

Goal	8. Ensure community character and social equity are addressed in mitigation activities
Category	Property Protection
Lead	Planning
Cost	\$25,000 - \$50,000
Funding	Town Operating Budget / DEMHS
Timeframe	07/2021 - 06/2023
Priority	Medium

Action #13

Complete the replacement and upsizing of the Farmington River bridge at Old Farms Road

Goal	5. Improve the resilience of local and regional utilities and infrastructure using strategies including adaptation, hardening, and creating redundancies.
Category	Structural Projects
Lead	Public Works
Cost	\$50,000 - \$100,000
Funding	Town Operating Budget / Grants
Timeframe	01/2019 - 12/2019
Priority	Medium

Action #14

Contact the owners of Repetitive Loss Properties and nearby properties at risk to inquire about mitigation undertaken and suggest options for mitigating flooding in those areas. This should be accomplished with a letter directly mailed to each property owner.

Goal	1. Minimize the impact of natural hazards on physical buildings and infrastructure
Category	Property Protection
Lead	Planning
Cost	\$0 - \$10,000
Funding	Town Operating Budget / DEMHS
Timeframe	07/2021 - 06/2022
Priority	Low



Action #15

Coordinate with CT SHPO to conduct historic resource surveys, focusing on areas within natural hazard risk zones (such as flood or wildfire hazard zones and areas near steep slopes), to support identification of vulnerable historic properties and preparation of resiliency plans across the state. This action leverages existing resources and best practices for protection of historic and cultural resources through an ongoing statewide initiative by CT SHPO.

Goal	8. Ensure community character and social equity are addressed in mitigation activities
Category	Property Protection
Lead	Planning, in coordination with SHPO
Cost	\$10,000 - \$25,000
Funding	SHPO
Timeframe	07/2021 - 06/2023
Priority	Low

Action #16

Complete a feasibility study to determine the effectiveness of implementing a microgrid at the Avon Town Offices campus.

Goal	5. Improve the resilience of local and regional utilities and infrastructure using strategies including adaptation, hardening, and creating redundancies.
Category	Prevention
Lead	Public Works
Cost	\$25,000 - \$50,000
Funding	Grants
Timeframe	07/2023 - 06/2024
Priority	Low








Capitol Region Natural Hazards Mitigation Plan Update










Avon, Connecticut

Flood Plains, Dams
& Critical Facilities

Dam Hazard Class



-  BB, A, AA OR Unclassified
-  Class B - Significant Hazard
-  Class C - High Hazard

Critical Facilities

-  Fire Station
-  Police Station
-  School
-  Healthcare Facility
-  State Facility
-  Town Facility
-  Waste Water Facility
-  Emergency Center
-  NRHP Buildings/Sites

 NRHP Districts/Areas

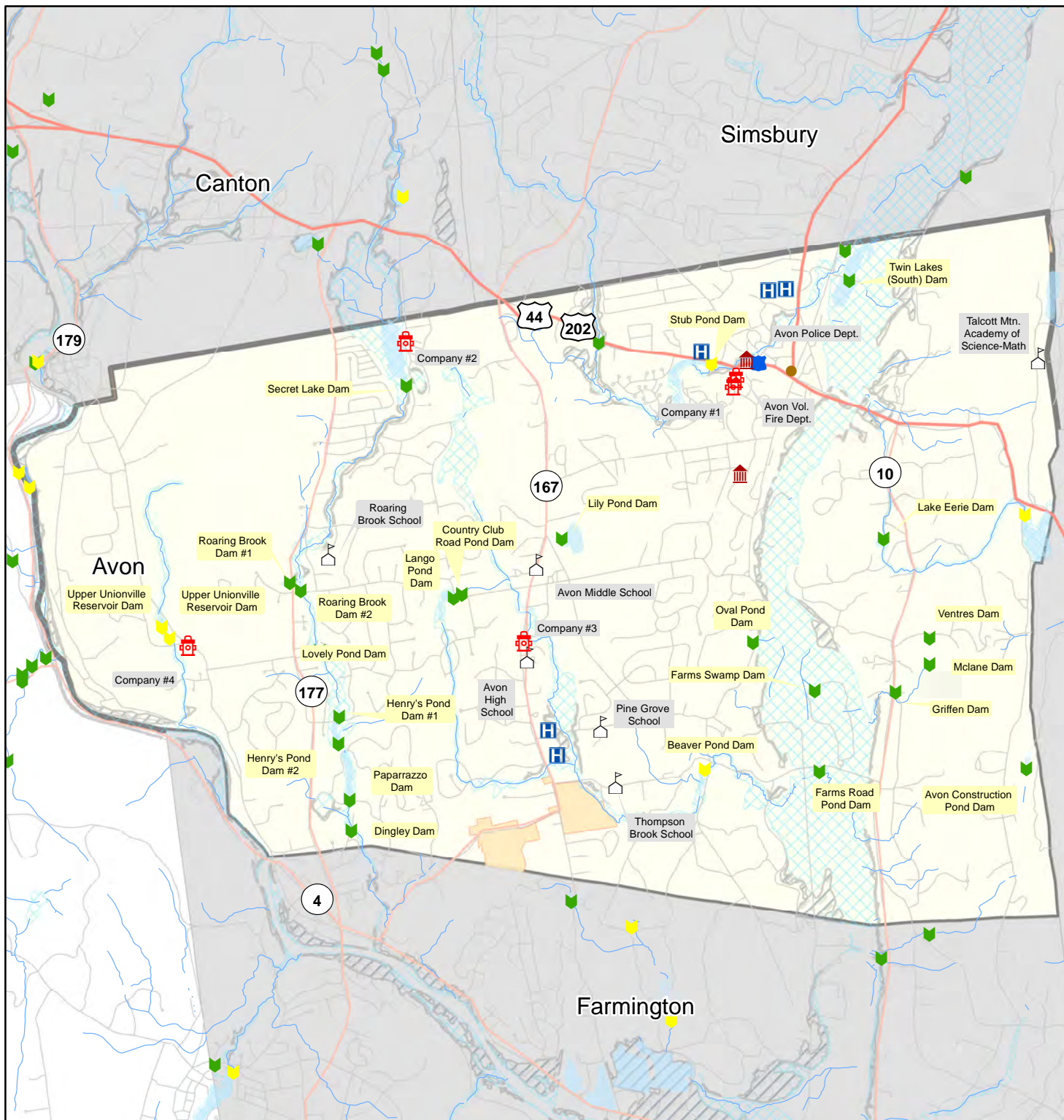
FEMA Flood Hazard Area

-  100 Year Flood Zone
-  500 Year Flood Zone

Data Sources: FEMA, National Register of Historic Places, CT DEEP, CRCOG, ESRI



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Capitol Region Natural Hazards Mitigation Plan Update












Avon, Connecticut

Dam Breach Inundation Area
& Critical Facilities

Dam Hazard Class

-  BB, A, AA OR Unclassified
-  Class B - Significant Hazard
-  Class C - High Hazard

Critical Facilities

-  Fire Station
-  Police Station
-  School
-  Healthcare Facility
-  State Facility
-  Town Facility
-  Waste Water Facility
-  Emergency Center
-  NRHP Buildings/Sites
-  NRHP Districts/Areas
-  Dam Breach Inundation Areas

Data Sources: FEMA, National Register of Historic Places, CT DEEP, CRCOG, ESRI



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