



1 Andover

Community Overview

Andover is a rural community on the eastern edge of the Capitol Region with a population of about 3,151. The town is approximately 15.7 square miles and has an elevation of about 400 feet above sea level. Andover is located in the Willimantic River watershed. Several small rivers and streams flow through the town including the Hop and Skungamaug Rivers and their tributaries: Burnap and Staddle Brooks. Bear Swamp Brook runs through the Nathan Hale State Forest located in the northeast corner of town. The State-owned Bishop’s Conservation Area is located in the southwest corner of town and includes the 53-acre Bishop Swamp Pond. Andover Lake is a 155-acre lake in the southeast corner that provides recreational opportunities to members of the private association that owns it. The Doris Chamberlain Nature preserve with small pond and walking trails is located on Route 316 near School Road. The major transportation routes through Andover include state routes 6, 87, and 316. Principal industries include agriculture and small wood and machine shops.

Town staff report that there has been little new development since adoption of the 2014-2019 Capitol Region Natural Hazards Mitigation Plan Update (“2014 HMP”); most construction activity has been related to improvements and renovations of existing structures and has not increased the Town’s exposure to natural hazard risks.

The town staff report that there continues to be little development to report in Andover. A Dollar General was built at the intersection of Lake Road and Rt 6. This is not in the flood zone but could be potentially cut off from most of the town in the event of a flood emergency. This is not a critical facility. The town denied an application for a house in the floodplain. The town’s policy is to avoid allowing building in the floodplain.

Development/redevelopment is not increasing risk to natural hazards.

Critical Facilities

In Andover critical facilities include the Volunteer Fire Department, the Andover Police Department, the Andover Elementary School, the Town Hall, the Town Garage, and the Public Library and RHAM High School. The Fire Department, Police Department, and Elementary School are located adjacent to one another.

Table 1-1: Critical Facilities, Andover

Facility	Shelter	Cooling Center	Generator
Volunteer Fire Department			X
Andover Police Department			
Andover Elementary School	Primary		
Town Hall		X	Partial
Andover Town Garage			
Community Center	Future Primary	X	Not yet

Facility	Shelter	Cooling Center	Generator
Andover Public Library		X	
RHAM High School	Regional Shelter		
Hop River Homes Elderly Community			

During extreme heat events, Andover Public Library and Andover Town Hall can both be opened as public cooling centers. The Town is also constructing a new community center behind the town hall, which the town expects to serve as an additional cooling center and shelter when needed. Generators for these facilities will be needed.

A new community center is being built behind the town hall. This will need a generator. This will likely also serve as a cooling center and shelter. The town has joined with the two surrounding towns in the regional district and designated the RHAM high school in Hebron as a region-wide emergency shelter. The three towns pursued a large grant to fund the generator for this facility.

An elderly community is located off Riverside Drive. This is not town-owned, but is nevertheless considered critical. The access to this facility can be threatened by flooding. An evaluation of options to improve access/egress should be added as a new action in this plan.

The public works building needs a new generator, as the current generator is at least 50 years old. When the town runs the generator, they have to shut down all their electronics to achieve the desire voltage, so the generator is basically only running the fuel pump. A new generator should be added as a new action.

The town has the ability to refuel diesel vehicles in house. But the town owns and relies on many gasoline vehicles, and in the past they have had trouble with fueling these vehicles when gas stations are closed after storms. The town would like an action related to increasing their capacity to fuel gas vehicles during emergencies.

The public school buses are stored in the 100-year floodplain. This is a town-owned property. In the long term the town might want to move these, although it is not a major short-term concern because the buses can be moved prior to a forecast storm. The town has moved the buses twice in recent years. At some point they will need to add electric chargers for the buses, and they do not want to put electric chargers in the floodplain. So this transition will likely happen as they electrify the buses, but it would be good to have this mentioned in the plan in case funding sources are available. The town has another location in mind, but planning and improvements are needed before it can become the new bus area.

Capabilities

Andover’s hazard mitigation capabilities include its emergency response departments, shelter, department of public works operations, and relationships with neighboring communities. Hazard mitigation is incorporated, to some degree, into the community’s Plan of Conservation and Development (POCD). POCD actions specifically address natural hazards.

Andover addresses drainage complaints as they are reported. The Town has a small budget of approximately \$50,000 per year for tree maintenance, and removes dangerous as they become aware of them, when possible. The Town has a woodchipper for removing fallen trees but does not own a bucket

truck. Eversource maintains trees along power lines. Municipal staff report that its tree-maintenance capabilities are lacking.

Andover has established working relationships with neighboring towns for assistance when needed. The Town has not permitted any new construction in the FEMA-mapped special flood hazard area (SFHA). A map modernization effort by FEMA is currently underway for Tolland County, but its full extent, and how much of Andover it will cover, is unknown.

The reconstruction of the Bunker Hill Road bridge over the Hop River, historically an area of flood concern, is currently in the design phase. Completion of this project is expected to relieve flooding in this area and better maintain travel on this route during flood events.

Route 6 through Andover and the neighboring towns of Bolton and Coventry was a recent focus of a transportation corridor study and review of economic development opportunities. As a follow-up to this study, the Town anticipates reviewing its zoning regulations to consider revisions that could encourage commercial development at appropriate locations in the corridor. It is thought that focusing development in this way, with hazard risk awareness in mind, will limit risks posed by natural hazards.

Since the 2019 HMP, the following actions have been incorporated as capabilities:

- On an at-least annual basis, check on the status of maintenance of the Andover Lake Dam and determine whether Town intervention is required.
- Review the LID Manual developed by the Northwest Hills Council of Governments and determine whether LID can be incorporated locally to increase rural resiliency.
- Pursue agreement with landowner of the small private pond that is a good location for a dry hydrant to install a dry hydrant at that site.
- Develop a formalized procedure for tracking hazard events in Town and passing that information onto new Town Staff. Collecting and tracking information on event costs & losses should be part of that procedure.
- Educate the public on new warning notification system, sheltering facilities and other emergency preparedness measures.
- Coordinate with municipal agent for the elderly to update the special needs population list.

Capabilities to address natural hazards and the losses that they have caused, have increased since the last plan has been adopted.

Challenges

Challenges Overview

Hurricanes are a primary concern for the town due to tree damage. Storm damage from trees resulting in road blockages, power outages and debris accumulation is a major concern of the Town.

Andover identified that a 100-to-500 year flood of longer duration could result in portions of Rt 6 being underwater.

Andover identifies failure of the dam at Andover Lake as a major concern. The town worries a very expensive rain event could cause dam failure.

The Town’s main concern regarding vulnerable populations is the senior community off Riverside Drive. This facility is very close to the floodplain, and the access road has flooded every few years.

The town has concerns about numerous culverts that are of marginal condition or capacity. Bishop’s Swamp Outfall at Jurovaty Road was overtopped in 2021. A dam is owned by DEEP and a little bridge may be the town’s. Some uncertainty exists about who is responsible for infrastructure here. The town keeps the inlet side of this clear. When the road is overtopped, the overtopping contributes to erosion in this area. Hutchinson Road has a failing culvert that needs to be addressed. Lake Road adjacent to Bausola Road has another failing culvert. The town has applied to State/Local Bridge program for funding. Bear Swamp Road has a culvert that is not quite failing but poor. This culvert has a rating of 3. At Merritt Valley Road adjacent to Lake Road, a 130-year old stone arch culvert needs to be addressed. Another bridge on Lake Road is a concern, located right off the spillway, on the outfall of Andover Lake.

The town reported that the Lake Road corridor in general seems like it has multiple concerns. The velocity of the water in this area is very high due to the rapid loss of elevation over a short distance. If the water overtops the road here, the road would likely be lost to washouts.

The town athletic fields are in the floodplain, and have flooded multiple times in the past. The town has previously lowered and paved the running track on the field so it will be less vulnerable to flooding and erosion compared to the cinder surface track

Hazard Losses

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

Average Annualized Losses

Average Annualized Loss (AAL) estimates are summarized below. 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 each natural hazard which may impact Andover. National Centers for Environmental Information (NCEI) data, from the last 20 years, was categorized by hazard and averaged based on the proportion of population within each town in the CROCG Region. National Flood Insurance Program (NFIP) losses were calculated based on the 50-year span of the program. FEMA Public Assistance (PA) data from the past 11 years was categorized based on hazard and used to compute AAL. United States Department of Agriculture (USDA) from the past 10 years was calculated to get AAL. Expected Annual Loss data from the National Risk Index (NRI) was downloaded and categorized to get AAL for the below hazards. Dam failure data was taken from the 2019-2024 CROCG Hazard Mitigation Plan (HMP) plan since no new dam failures have occurred in the past five years. The 2019 HMP Dam failures 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

Table 1-2: Average Annualized Losses, Andover

Hazard	Source	Average Annualized Losses (AAL)
Hurricanes/Tropical storms	NCEI	\$8,097.53
	NRI	\$163,110.98

Hazard	Source	Average Annualized Losses (AAL)
	FEMA PA	\$818.38
Tornados/High Winds	NCEI	\$3,031.57
	NRI	\$27,816.89
Winter Storms	NCEI	\$2,401.54
	NRI	\$13,433.35
	FEMA PA	\$4,006.40
Flood	NCEI	\$2,454.48
	NRI	\$8,805.03
	NFIP	\$99.62
Drought	NRI	\$967.40
	USDA	\$3,153.15
Extreme Heat	NRI	\$537.46
Wildfire	NRI	\$59.69
Earthquakes	NRI	\$4,083.34
Dam Failure	HMP	\$203.00

Losses Summary

A review of the above loss estimates demonstrates that the Town of Andover 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

This HMCAP includes new goal statements that are aligned with *Resilient Connecticut* and the efforts of the GC3. The five new goals developed for this HMCAP were developed with cooperation from CIRCA in the *Resilient Connecticut* planning process, and are:

- Ensure that critical facilities are resilient, with special attention to shelters and cooling centers.
- Address risks associated with extreme heat events, especially as they interact with other hazards.
- Reduce flood and erosion risks by reducing vulnerabilities and consequences, even as climate change increases frequency and severity of floods.
- Reduce losses from other hazards.
- Invest in resilient corridors to ensure that people and services are accessible during floods and that development along corridors is resilient over the long term.

The previous goals of the 2019 HMP have been replaced and incorporated into these five new goals in accordance with the explanation in the Multijurisdictional document.

Noted Hazard Mitigation Needs

Over the course of Plan development, multiple hazard mitigation needs were noted:

- A microgrid for the municipal complex could be considered, but the Town is not aware if the State is presently interesting in pursuing/advancing microgrids.
- An evaluation of options to improve access/egress for the elderly community homes on Riverside Rd should be addressed.
- New generators should be acquired for critical facilities.
- The town may want to look into a long-term solution for the location of their buses. The town could look for a town-owned property where the buses could be stored and moved from a floodplain.
- The Town may wish to pursue replacement/upsizing of many of their culverts that are failing or under performing.
- The town should continue to work on and implement erosion control measures for riverbank stabilization.

Status of Previous Mitigation Strategies and Actions

The Town of Andover reviewed the mitigation actions proposed in the 2019 HMP and determined the status of each. That information is included in the table below.

Table 1-3: Status of Previous Mitigation Strategies and Actions, Andover

No.	Action	Notes	Status
4	Complete replacement of Bunker Hill Road Bridge	This is fully funded as part of the Federal-Local Bridge Program and is at the 75% design phase. Construction will start in 12 months.	Carry forward (although check in with the town to see if this is complete by the time this plan is adopted).
13	Initiate replacement of Long Hill Road Bridge. Consider impacts of that project on Hop River flooding and road access.	Also funded by the Federal-Local Bridge Program. At about 30% design phase. The road leading to the bridge will still flood in a major rain event, although the widening and raising of the bridge will reduce the risk. But this action as written (“initiate” and “consider impacts”) has been completed.	Complete / Retire

No.	Action	Notes	Status
12	Perform a study of the Hop River channel and watershed to identify drainage problems and erosion risk zones.	FEMA is completing an update to the flood study and delineating new maps, and the town is awaiting the new FEMA flood maps. The town is holding off on the study suggested by this action until the new FEMA maps are available.	Revise to indicate that the new FEMA maps should be considered / Carry forward.
8	On an at-least annual basis, check on the status of maintenance of the Andover Lake Dam and determine whether Town intervention is required.	Within the last twelve months, the town met with ALMA, the organization that is responsible for dam maintenance (this is a private dam). An updated flood Emergency Action Plan is available for this dam, along with a plan for lowering the water level prior to any significant storm event to mitigate the risk of dam failure. The town also has a copy of the emergency plan for the dam.	Capability / Retire
15	Investigate the CRCOG service sharing initiative, especially surrounding tree and other debris removal equipment.	The town met with one of the contractors that has a state bid for assisting town with disaster recovery and debris removal. The town is still working on this. The town does not have a staging area or a plan in place for dealing with a significant debris removal need. The transfer station is fairly limited. The soccer field is a less-than-ideal option for additional storage. The town would like to add an action item to sign a long-term contract for emergency debris management when it's beyond the capability of public works.	Revise to the new suggested action from town.
16	Implement an education and outreach initiative related to the pipeline that passes through town and public safety.	The pipeline company was proposing an infusion station in the town 5 years ago which would have involved trucking in liquified natural gas, and this proposal met with a lot of public opposition. This proposal did not move forward. The pipeline runs through town, but the town has not done much specific outreach. There is no longer a need for this action.	No longer a need / Retire
11	Review the LID Manual developed by the Northwest Hills Council of Governments and determine whether LID can be incorporated locally to increase rural resiliency.	The town is not seeing a lot of development. The zoning regulations include LID. The town recently applied for a permit for a new community center and the zoning commission is requiring LID for this development.	Capability / Retire

No.	Action	Notes	Status
17	Install emergency generator at the Town Hall Addition to make progress on converting that space into a backup shelter.	<p>This is still a concern. The Town Hall shares a generator with the fire department but it does not cover the entire building and the conduit between the buildings lacks the capacity needed to provide power from the generator.</p> <p>The community center is about to be built behind the town hall, which will also need back-up power.</p>	Revise to include the need for a generator that can fully provide power to the town hall, the new community center, and the fire department
10	Install emergency generator at the elementary school to improve its sheltering capabilities.	There is an old generator in the elementary school, which is designated as one of the town's emergency shelters. It should probably be replaced at some point.	Carry forward.
7	Pursue agreement with landowner of the small private pond that is a good location for a dry hydrant to install a dry hydrant at that site.	Town staff isn't sure if this is referring to a specific place. The fire department has installed many dry hydrants, and every new subdivision is required to have either a fire pond with a dry hydrant or a 30,000 gallon tank with a dry hydrant. (Not many of these developments, only 3 in about 20 years.) The town has the capacity to keep up with these fire protection needs.	The intention of this has been completed / Capability / Retire
6	Develop a formalized procedure for tracking hazard events in Town and passing that information onto new Town Staff. Collecting and tracking information on event costs & losses should be part of that procedure.	Town staff not sure if this is still a need. It's not a bad idea. The town has all the data needed on hand to document costs related to FEMA disasters, etc.	This is no longer needed / Capability / Retire
3	Educate the public on new warning notification system, sheltering facilities and other emergency preparedness measures.	The town maintains its own notification system subscription, known as Civic. The town grapples with questions like how many times is too many times to notify, what level of storm should result in a notification, and how do they get enough people to subscribe to make it worthwhile. Nevertheless, the intent of this action has been met.	Capability / Retire
2	Coordinate with municipal agent for the elderly to update the special needs population list.	The municipal agent has a list of vulnerable senior population (those that require oxygen, have mobility issues, etc.)	Capability / Retire
5	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.	There are not many small businesses in Andover. A used auto parts dealer is located in a flood zone. The town would work on this on a case-by-case basis. CIRCA staff suggests having town staff view the DEEP webinar or retiring this action. Attendees determined that this can be retired.	No longer a need / Retire
16	Implement an education and outreach initiative related to the pipeline that passes through town and public safety.	This is a repeat and can be removed.	Remove - repeat

No.	Action	Notes	Status
9	Participate in EMI courses or the seminars and annual conference held by the Connecticut Association of Flood Managers.	Eric has attended some of these, but doesn't have the bandwidth for much engagement.	Revise to include more choices such as DEMHS workshops.
18	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.	The town doesn't have any historic structures near the flood zone. The town is swapping out air conditioners at the town hall, and has to get SHPO approval because the building is over 50 years old. Town staff reports that this type of bureaucracy is invasive and time consuming.	This is no longer a need / Retire
19	Acquire a bucket truck to use for tree maintenance and removal.	Town never bought a bucket truck, but has established relationships with private companies for tree maintenance and removal. The town does not have enough staff to practically conduct its own tree work (although they would still like a bucket truck in an ideal world). The intent of this action has been accomplished.	Intent complete / Retire
1	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.	The town is part of Sustainable CT, and is in the process of going for a Bronze Certification. The town has a Sustainable CT Committee.	Complete / Retire

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.

Table 1-4: Active Mitigation Strategies and Actions, Andover

Number	Hazard Mitigation and Climate Adaptation Actions	Hazard Mitigation and Climate Adaptation Goal	Type of Action	Responsible Department	Approx. Cost Range	Potential Funding Sources	Timeframe	Priority	Hazard(s)	EI?	PERISTS Score	STAPLEE Score	PERISTS x STAPLEE =
AN1	Acquire a generator that can fully provide power to the town hall.	Ensure that critical facilities are resilient, with special attention to shelters and cooling centers.	Preparedness & Emergency Response	Public Safety	\$100,000 - \$500,000	FEMA HMA; STEAP	07/2024 - 06/2026	High	All Hazards	No	18	4	72
AN2	Install emergency generator at the elementary school to improve its sheltering capabilities.	Ensure that critical facilities are resilient, with special attention to shelters and cooling centers.	Preparedness & Emergency Response	Public Safety	\$100,000 - \$500,000	FEMA HMA; STEAP	07/2024 - 06/2026	High	All Hazards	No	19	5	95
AN3	Acquire new generators for the Public Works building, Community Center, and Fire Department.	Ensure that critical facilities are resilient, with special attention to shelters and cooling centers.	Preparedness & Emergency Response	Public Safety	\$100,000 - \$500,000	FEMA HMA; STEAP	07/2024 - 06/2026	High	All Hazards	No	19	5	95
AN4	Evaluate the feasibility of a microgrid for the Municipal Complex.	Ensure that critical facilities are resilient, with special attention to shelters and cooling centers.	Preparedness & Emergency Response	Town Administrator	\$10,000 - \$50,000	DCRF; FEMA HMA	07/2024 - 06/2026	Low	All Hazards	No	17	4	68
AN5	Ensure that transportation and transit options are available to bring people to cooling centers.	Address risks associated with extreme heat events, especially as they interact with other hazards.	Preparedness & Emergency Response	Public Safety	\$10,000 - \$50,000	Transit; IIJA BBFP	07/2024 - 06/2026	High	Extreme Heat	No	19	3	57

Number	Hazard Mitigation and Climate Adaptation Actions	Hazard Mitigation and Climate Adaptation Goal	Type of Action	Responsible Department	Approx. Cost Range	Potential Funding Sources	Timeframe	Priority	Hazard(s)	EI?	PERISTS Score	STAPLEE Score	PERISTS x STAPLEE =
AN6	Evaluate alternative options for relocating the town's school buses to a site outside of a 100-year floodplain.	Reduce flood and erosion risks by reducing vulnerabilities and consequences, even as climate change increases frequency and severity of floods.	Property Protection	Public Works	\$10,000 - \$50,000	DCRF; FEMA HMA	07/2024 - 06/2026	Low	Riverine and Pluvial Floods	No	18	6	108
AN7	Increase town capacity to fuel gas vehicles during emergencies.	Reduce losses from other hazards.	Preparedness & Emergency Response	Public Safety	\$10,000 - \$50,000	Municipal CIP Budget	07/2024 - 06/2026	Medium	All Hazards	No	17	4	68
AN8	Evaluate options to improve access/egress from the elderly community located off Riverside Drive.	Invest in resilient corridors to ensure that people and services are accessible during floods and that development along corridors is resilient over the long term.	Structural Project	Planning	\$10,000 - \$50,000	STEAP; Municipal CIP Budget	07/2025 - 06/2027	High	All Hazards	No	19	5	95
AN9	Execute a long-term contract for emergency debris management when it's needed to augment the capability of public works.	Reduce losses from other hazards.	Preparedness & Emergency Response	Public Safety	\$0-\$10,000	Municipal Operating Budget	07/2025 - 06/2027	Medium	Hurricanes and Tropical Storms/Tornadoes and High Winds/Severe Winter Storms	No	17	6	102
AN10	Complete replacement of Bunker Hill Road Bridge	Reduce flood and erosion risks by reducing vulnerabilities and consequences, even as climate change increases frequency and severity of floods.	Structural Project	Public Works	>\$1M	LOTICIP; IJJA AOP, BIP; STEAP	07/2025 - 06/2027	High	Riverine and Pluvial Floods	No	19	6	114

Number	Hazard Mitigation and Climate Adaptation Actions	Hazard Mitigation and Climate Adaptation Goal	Type of Action	Responsible Department	Approx. Cost Range	Potential Funding Sources	Timeframe	Priority	Hazard(s)	EI?	PERISTS Score	STAPLEE Score	PERSISTS x STAPLEE =
AN11	Use the FEMA maps published in 2023 of the Hop River channel and watershed to identify drainage problems and erosion risk zones.	Reduce flood and erosion risks by reducing vulnerabilities and consequences, even as climate change increases frequency and severity of floods.	Natural Resources Protection	Planning	\$10,000 - \$50,000	DCRF; FEMA HMA; Municipal CIP Budget	07/2024 - 06/2025	Medium	Riverine and Pluvial Floods	No	18	8	144
AN12	Conduct a town-wide assessment of stream crossings to identify vulnerabilities and develop a priority list for maintenance and upsizing.	Reduce flood and erosion risks by reducing vulnerabilities and consequences, even as climate change increases frequency and severity of floods.	Structural Project	Public Works	\$10,000 - \$50,000	DCRF; Municipal CIP Budget	7/2024 - 6/2027	Medium	Riverine and Pluvial Floods	No	18	6	108
AN13	Work with individual water users to ensure that their water supplies are drought resilient.	Address risks associated with extreme heat events, especially as they interact with other hazards.	Water & Wastewater Utility Projects	Planning	\$0- \$10,000	DWSRF; Municipal Operating Budget	7/2024 - 6/2029	Medium	Drought	No	18	8	144
AN14	Conduct a dam failure tabletop exercise using the EAP for Andover Lake.	Reduce flood and erosion risks by reducing vulnerabilities and consequences, even as climate change increases frequency and severity of floods.	Preparedness & Emergency Response	Public Works	\$10,000 - \$50,000	Municipal Operating Budget	01/2025 - 12/2025	High	Dam Failure	No	18	5	90
AN15	Work with the Connecticut Institute for Resilience and Climate Adaptation (CIRCA) to develop an appropriate scope of work to address flooding and extreme heat	More than one goal.	More than one type	Public Works	\$0- \$10,000	CIRCA	07/2024 - 06/2027	Medium	Riverine and Pluvial Floods/Extreme Heat	No	18	5	90

Number	Hazard Mitigation and Climate Adaptation Actions	Hazard Mitigation and Climate Adaptation Goal	Type of Action	Responsible Department	Approx. Cost Range	Potential Funding Sources	Timeframe	Priority	Hazard(s)	EJ?	PERISTS Score	STAPLEE Score	PERISTS x STAPLEE =
	concerns in Resilient Opportunity Areas (ROARs).												
AN16	Participate in EMI and DEMHS courses or the seminars and annual conference held by CIRCA and the Connecticut Association of Flood Managers.	Reduce flood and erosion risks by reducing vulnerabilities and consequences, even as climate change increases frequency and severity of floods.	Education and Awareness	Floodplain Manager	\$0-\$10,000	Municipal Operating Budget	01/2025 and annually during this month	Medium	All Hazards	No	17	6	102

Figure 1-1: CIRCA Environmental Justice Rank & Critical Facilities Andover

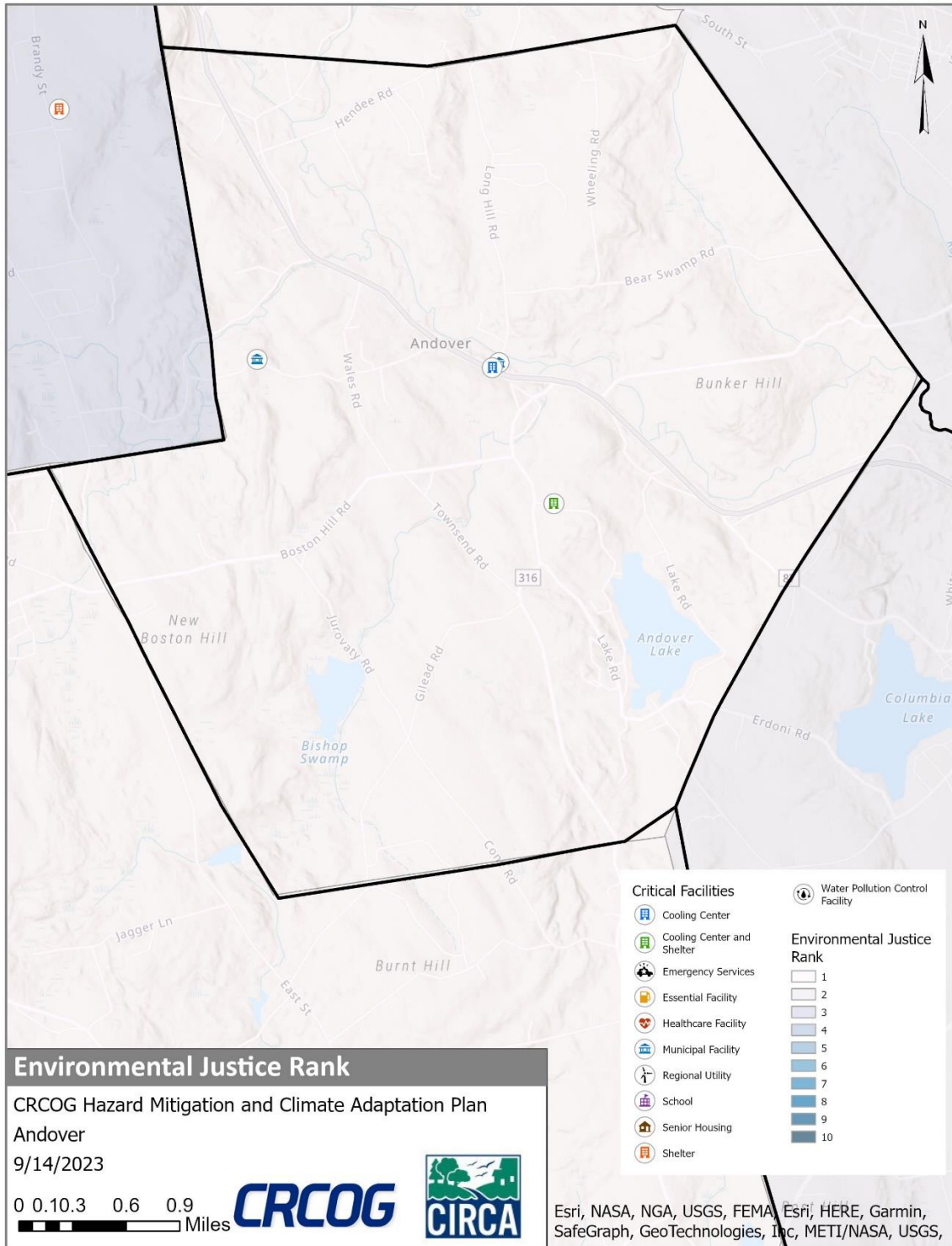


Figure 1-2: FEMA Flood Zones & Critical Facilities Andover

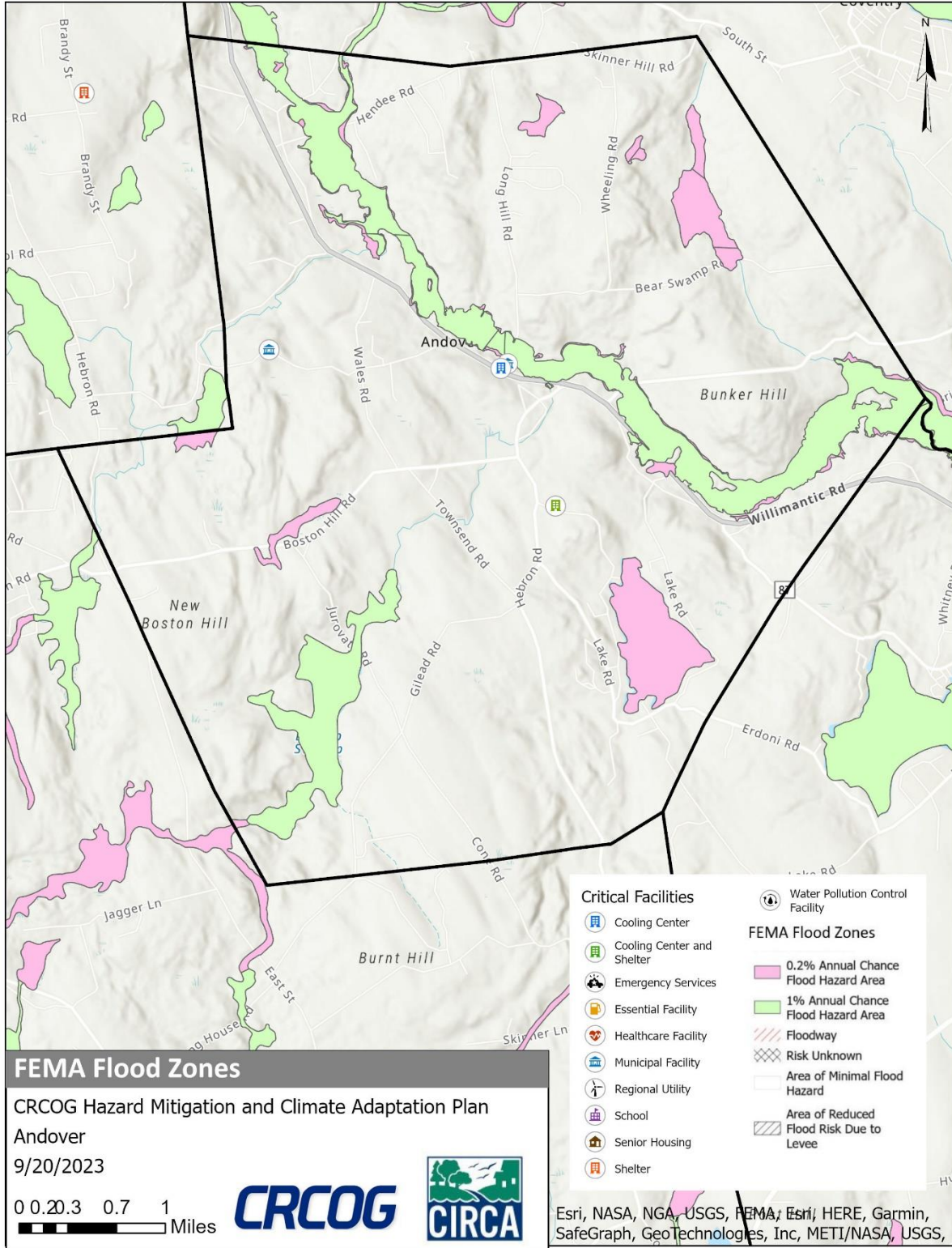


Figure 1-3: CIRCA Flood CCVI & Critical Facilities Andover

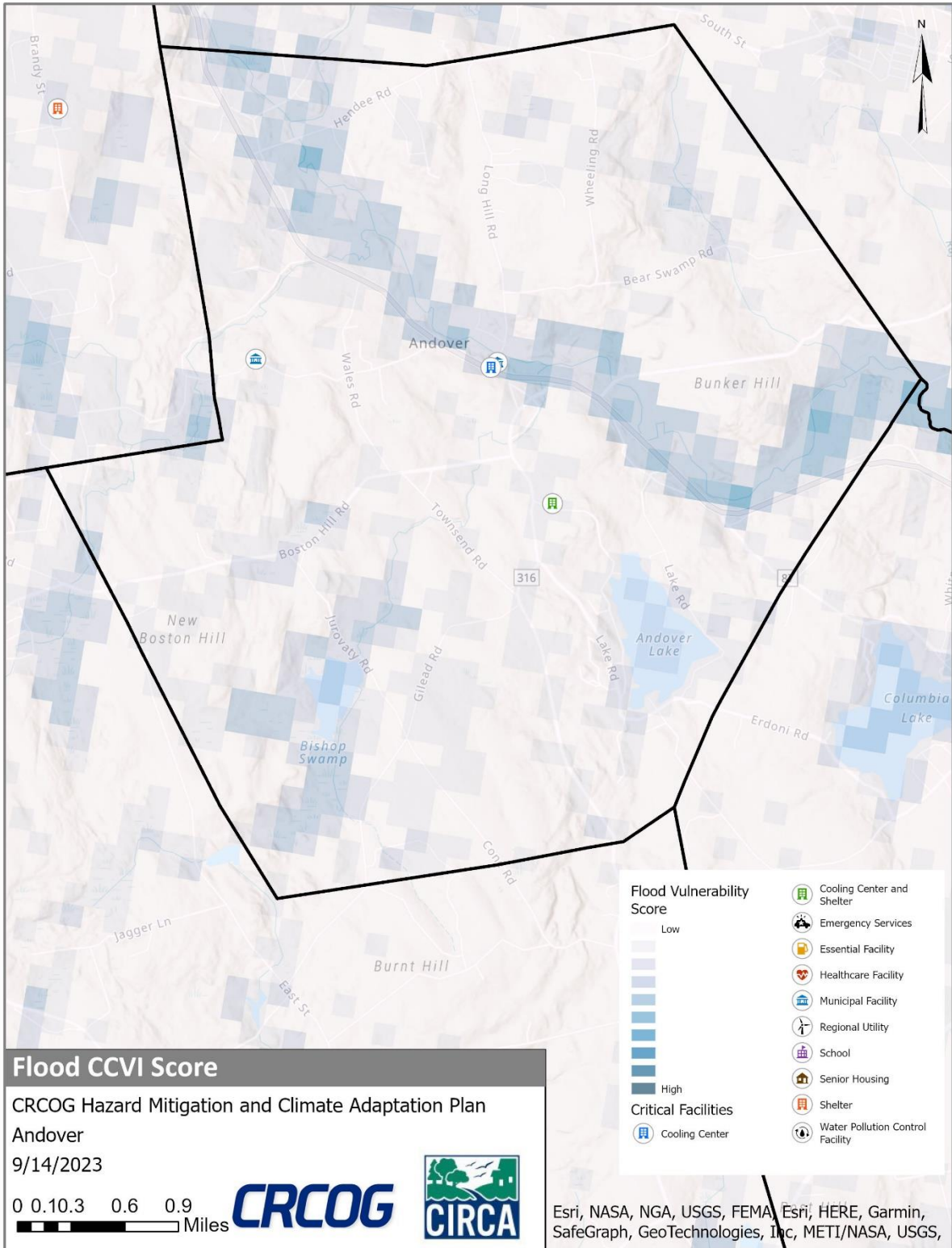


Figure 1-4: CIRCA Heat CCVI & Critical Facilities Andover

