

**ANNEX 17: TOWN OF BOONTON**

**1 COMMUNITY CAPABILITIES ASSESSMENT**

Table 1 through Table 6 summarizes the different community capabilities and tools that are available to the community to potentially assist in mitigating the impacts of hazards.

**1.1 PLANNING, LEGAL AND REGULATORY CAPABILITIES**

The table below summarizes the legal and regulatory tools that are available to the Town of Boonton and where hazard mitigation has been integrated.

**Table 1: Planning, Legal and Regulatory Capability**

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	State Mandated / Allowed	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
<b>Codes, Ordinances, &amp; Requirements</b>					
<b>Building Code</b>	Yes	Local	Yes	Yes	-
<b>Comment:</b> State mandated on local level under NJAC 5:23-3.14. International Building Code – New Jersey Edition, 2018, NJAC 5:24-3.14 Adopted 9/3/2019. Administered by the Construction Department.					
<b>Zoning Code</b>	Yes	Local	Yes	Yes	-
<b>Comment:</b> Per State of NJ Municipal Land Use Law (MLUL) L. 1975, s. 2, eff Aug 1, 1976, 40-55D-62: 49. Power to zone, requires all jurisdictions to have current zoning and other land development ordinances after the planning board has adopted the land use element and master plan. Yes, Chapter 300 Zoning and Land Use with new ordinances adopted in 2016, 2017, and 2019 as amendments. Administered by the Planning Board.					
<b>Subdivisions</b>	Yes	Local	Yes	No	-
<b>Comment:</b> Chapter 300, Part 3 Subdivision and Site Plan Review. Administered by the Planning Board.					
<b>Stormwater Management</b>	Yes	Local	Yes	No	-
<b>Comment:</b> Title 7 of the NJ Administrative Code (N.J.A.C. 7:8); Chapter 249 of the municipal code. Administered by the Planning Board. Chapter 93 Municipal Separate Storm Sewer System Chapter 229 Sewers and Water. Administered by the Township Committee.					
<b>Post-Disaster Recovery</b>	No	-	-	-	-
<b>Comment:</b>					
<b>Real Estate Disclosure</b>	Yes	State – Division of Consumer Affairs	Yes	Yes	-
<b>Comment:</b> N.J.A.C. 13:45A-29.1; Before signing a contract of sale, all purchasers must receive a New Jersey Public Offering Statement (POS) approved by the New Jersey Real Estate Commission. The POS provides information such as proximity to hospitals, schools, fire and police, as well as any hazards, risks or nuisances in or around the subdivision.					
<b>Growth Management</b>	No	-	Yes	-	-
<b>Comment:</b> State mandated at local level; Identified in Master Plan.					
<b>Site Plan Review</b>	Yes	Local	No	No	-
<b>Comment:</b> Chapter 300 Part 3 of the municipal code. Administered by the Planning Board.					
<b>Environmental Protection</b>	Yes	Local	Yes	No	-
<b>Comment:</b> The rules that are utilized by the NJDEP and other environmental agencies are codified at Title 7 of the NJ Municipal Administrative Code. Steep Slope Ordinance. Chapter 125 of the municipal code.					

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	State Mandated / Allowed	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
<b>Flood Damage Prevention</b>	Yes	Local	Yes	No	-
<b>Comment:</b> Chapter 140 of the municipal code. Adopted in 1990 with amendments. Administered by the Construction Department with contract engineering support. The ordinance lacks freeboard.					
<b>Wellhead Protection</b>	No	-	-	-	-
<b>Comment:</b>					
<b>Emergency Management</b>	Yes	Local	No	No	-
<b>Comment:</b> Chapter 27 Article III Police Department, Article IV Fire Department.					
<b>Climate Change</b>	No	-	-	-	-
<b>Comment:</b>					
<b>Disaster Recovery Ordinance</b>	No	-	-	-	-
<b>Comment:</b>					
<b>Disaster Reconstruction Ordinance</b>	No	-	-	-	-
<b>Comment:</b>					
<b>Other</b>	No	-	-	-	-
<b>Comment:</b>					
<b>Planning Documents</b>					
<b>Comprehensive / Master Plan</b>	Yes	Local	Yes	Yes	-
<b>Comment:</b> adopted 12/14/1995; updated 1/8/2009; updated and adopted by the Planning Board on January 10, 2019. During the next update of the master plan, the Township will review the current HMP to see where it can be integrated as appropriate. Master Plan. 1998; 2008 Re-examination. New Master Plan adopted July 31, 2018. Administered by the Planning Board. The plan has elements for land use, circulations, economics, open space/recreation, historic preservation, and community facilities. The open space element includes a goal to "Preserve open space to protect critical environmental resources, such as wetlands, floodplains, ridge lines, steep slopes, and stream and river corridors that promote the conservation of ecological habitat." The community facilities element includes a goal to "Ensure high quality and responsive public works, safety, security and emergency response services." The plan includes a section on storm resiliency, smart growth, and environmental sustainability. The section discusses past impacts from storms and flood events and discusses the 2015 Hazard Mitigation Plan. The open space element notes the importance of natural floodplains and the role open space has on reducing flooding losses. The element also identifies potential properties for acquisition and notes which properties are located in the floodplain. Throughout the plan, potential mitigation projects (mainly stormwater) are noted (including an action plans for the community facilities element) and completed mitigation projects are noted.					
<b>Capital Improvement Plan</b>	Yes	Local	Allowed	Yes	-
<b>Comment:</b> Per NJS A 40:55D-29 the governing body is authorized to direct the planning board to prepare a CIP with at least a six year planning horizon. The Town has a three year plan administered by the Planning Board.					
<b>Disaster Debris Management Plan</b>	Yes	Local	No		
<b>Comment:</b>					
<b>Floodplain or Watershed Plan</b>	Yes	County	No		-
<b>Comment:</b> Morris County Flood Acquisition Plan, administered locally by OEM working with all departments.					
<b>Stormwater Management Plan</b>	Yes	Local and State	Yes	No	-

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	State Mandated / Allowed	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
<b>Comment:</b> Per NJDEP Storm Water Management Rule (N.J.A.C. 7:8, et seq.). The Municipal Stormwater Regulation Program was developed in response to the U. S. Environmental Protection Agency's (USEPA) Phase II rules published in December 1999. The Department issued final stormwater rules on February 2, 2004 and four (4) NJPDES general permits authorizing stormwater discharges from Tier A and Tier B municipalities, as well as public complexes, and highway agencies that discharge stormwater from municipal separate storm sewers (MS4s). Town's MS4 Plan is from 2005 and is administered by contract engineering.					
<b>Stormwater Pollution Prevention Plan</b>	Yes	Local DPW	Yes	Yes/No	Yes/No
<b>Comment:</b> reviewed by contracted engineers; Updated June 2023 per new MS4 requirements.					
<b>Urban Water Management Plan</b>	No		No		
<b>Comment:</b>					
<b>Habitat Conservation Plan</b>	No		No		
<b>Comment:</b>					
<b>Economic Development Plan</b>	No	Local	No		
<b>Comment:</b> Town is currently in process of formalizing Economic Development plan with a local committee.					
<b>Shoreline Management Plan</b>	No		No		
<b>Comment:</b>					
<b>Community Wildfire Protection Plan</b>	No		No		
<b>Comment:</b>					
<b>Community Forest Management Plan</b>	No		No		
<b>Comment:</b>					
<b>Transportation Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Agriculture Plan</b>	No		No		
<b>Comment:</b>					
<b>Climate Action Plan</b>	No		No		
<b>Comment:</b>					
<b>Tourism Plan</b>	No		No		
<b>Comment:</b>					
<b>Business Development Plan</b>	No		No		
<b>Comment:</b>					
<b>Other</b>					
<b>Comment:</b>					
<b>Response/Recovery Planning</b>					
<b>Comprehensive Emergency Management Plan (CEMP) / Emergency Operations Plan (EOP)</b>	Yes	Local	Yes	No	No
<b>Comment:</b> Per the NJ Civilian Defense and Disaster Control Act (App.A:9_43.2) Counties and municipalities must have written Emergency Operations Plans to be reviewed every 2 years. 2012 Emergency Operations Plan, administered by the Town of Boonton OEM.					

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	State Mandated / Allowed	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
<b>Threat &amp; Hazard Identification &amp; Risk Assessment (THIRA)</b>	No		No		
<b>Comment:</b>					
<b>Post-Disaster Recovery Plan</b>	No	-	No	No	No
<b>Comment:</b>					
<b>Continuity of Operations Plan</b>	No				
<b>Comment:</b>					
<b>Public Health Plan</b>	No		No		
<b>Comment:</b>					
<b>Other</b>					

Table 2: Development and Permitting Capability

Criterion	Response
Does your jurisdiction issue development permits? - If no, who does? If yes, which department?	Yes Construction Department along with Local hired engineer
Does your jurisdiction have the ability to track permits by hazard area?	No
Does your jurisdiction have a buildable lands inventory? -If yes, please describe briefly. -If no, please quantitatively describe the level of buildout in the jurisdiction.	No Jurisdiction nearing complete buildout.

## 1.2 ADMINISTRATIVE AND TECHNICAL CAPABILITIES

The table below summarizes potential staff and personnel resources available to the Town of Boonton. The Town noted that it is undergoing a major overhaul of its Engineering agreements and contracts, which will result in major changes to this section for the next update.

Table 3: Administrative and Technical Capabilities

Staff/Personnel Resource	Available?	Department/Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	Planning/Zoning Board
Mitigation Planning Committee	Yes (ad hoc)	Mayor and various department representatives provide input to HMP updates.
Environmental Board / Commission	Yes	Planning Board
Open Space Board / Committee	Yes	Planning Board
Economic Development Commission / Committee	No	

Staff/Personnel Resource	Available?	Department/Agency/Position
Warning Systems / Services (reverse 911, outdoor warning signals)	Yes	Local Police
Maintenance program to reduce risk	Yes	Capital Plan; DPW; OEM
Mutual aid agreements	Yes	OEM; Administration
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	Yes	Contracted (Suburban Consulting Engineering, Mott MacDonald Engineering)
Engineers or professionals trained in building or infrastructure construction practices	Yes	Construction Department; contract engineering
Planners or engineers with an understanding of natural hazards	Yes	Contracted (Suburban Consulting Engineering, Mott MacDonald Engineering)
Staff with training in benefit/cost analysis	Yes	Consultant
Staff with training in green infrastructure	No	Mott MacDonald Engineering
Staff with education/knowledge/training in low impact development	Yes	Mott MacDonald Engineering
Surveyor	Yes	Mott MacDonald Engineering (Surveyors on staff)
Stormwater engineer	Yes	Mott MacDonald Engineering
Personnel skilled or trained in GIS applications	Yes	Mott MacDonald Engineering; Town OEM
Local or state water quality professional	Yes	Town Water Department License holder; contract engineering
Scientist familiar with natural hazards in local area	Yes	Mott MacDonald Engineering
Emergency manager	Yes	Carl E. Wendt
Watershed planner	No	
Environmental specialist	Yes	Mott MacDonald Engineering
Grant writers	Yes	Consultant
Resilience Officer	No	
Other	YES	Mott MacDonald Engineering - Certified Floodplain Manager

### 1.3 FISCAL CAPABILITIES

The table below summarizes financial resources available to the Town of Boonton.

Table 4: Fiscal Capabilities

Financial Resource	Accessible or Eligible to Use?
Community Development Block Grants (CDBG, CDBG-DR)	Yes
Capital Improvements Project Funding	Yes, Three Year Plan
Authority to Levy Taxes for Specific Purposes	Yes
User Fees for Water, Sewer, Gas or Electric Service	Yes
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	No
Incur Debt through Private Activity Bonds	No
Withhold Public Expenditures in Hazard-Prone Areas	No
State-Sponsored Grant Programs	FEMA grant programs, Public Assistance

Financial Resource	Accessible or Eligible to Use?
Development Impact Fees for Homebuyers or Developers	No
Clean Water Act 319 Grants (Nonpoint Source Pollution)	No
Other	No

### 1.4 EDUCATION AND OUTREACH CAPABILITIES

The table below summarizes the education and outreach resources available to the Town of Boonton.

Table 5: Education and Outreach Capabilities

Criterion	Response
Do you have a public information officer or communications office?	Yes, POI as needed. No office
Do you have personnel skilled or trained in website development?	Various employees in town have skills, the town has a webmaster and social media specialist
Do you have hazard mitigation information available on your website? <ul style="list-style-type: none"> <li>If yes, briefly describe.</li> </ul>	
Do you use social media for hazard mitigation education and outreach? <ul style="list-style-type: none"> <li>If yes, briefly describe.</li> </ul>	Yes. Facebook, Twitter and Nixle accounts are used to communicate hazard communications.
Do you have any citizen boards or commissions that address issues related to hazard mitigation? <ul style="list-style-type: none"> <li>If yes, briefly describe.</li> </ul>	Yes. Local Emergency Planning Committee reviews hazard mitigation issues.
Do you have any other programs already in place that could be used to communicate hazard-related information? <ul style="list-style-type: none"> <li>If yes, briefly describe.</li> </ul>	Yes. Facebook, Twitter and Nixle accounts are used to communicate hazard communications.
Do you have any established warning systems for hazard events? <ul style="list-style-type: none"> <li>If yes, briefly describe.</li> </ul>	Yes, reverse 911, social media, and “Nixle alerts”.

### 1.5 COMMUNITY CLASSIFICATIONS

The table below summarizes the classifications for community programs available to the Town of Boonton.

Table 6: Community Classifications

Program	Participating?	Classification	Date Classified
Community Rating System	No	N/A	N/A
Building Code Effectiveness Grading Schedule (BCEGS)	TBD	TBD	TBD
Public Protection (Fire ISO Protection Class)	Yes	Class 4	June 2020
Storm Ready Certification	No	N/A	N/A
Firewise Community Classification	No	N/A	N/A
Sustainable Jersey	No	N/A	N/A

### 1.6 NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE

This section provides specific information on the management and regulation of the regulatory floodplain.

**Table 7: National Flood Insurance Program Compliance**

Criterion	Response
What local department is responsible for floodplain management?	Planning/Zoning Boards/Contracted Engineer
Who is your floodplain administrator? (name, department/position)	Suburban Consulting Engineers
Are any certified floodplain managers on staff in your jurisdiction?	No.
What is the date that your flood damage prevention ordinance was last amended?	Adopted 1990, amended 1997
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> <li>If exceeds, in what ways?</li> </ul>	Yes.
When was the most recent Community Assistance Visit or Community Assistance Contact?	Unknown
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? <ul style="list-style-type: none"> <li>If so, state what they are.</li> </ul>	No
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> <li>If so, state what they are.</li> </ul>	No
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> <li>If no, state why.</li> </ul>	Yes
Does your floodplain management staff need any assistance or training to support its floodplain management program?	No
<input type="checkbox"/> If so, what type of assistance/training is needed?	
Does your jurisdiction participate in the Community Rating System (CRS)? <ul style="list-style-type: none"> <li>If yes, is your jurisdiction interested in improving its CRS Classification?</li> <li>If no, is your jurisdiction interested in joining the CRS program?</li> </ul>	No
How many flood insurance policies are in force in your jurisdiction? <ul style="list-style-type: none"> <li>What is the insurance in force?</li> <li>What is the premium in force?</li> </ul>	Policies in force: 5 Insurance in force: \$1,092,000 Premium in force: \$1,588
How many total loss claims have been filed in your jurisdiction? <ul style="list-style-type: none"> <li>How many claims are still open or were closed without payment?</li> <li>What were the total payments for losses?</li> </ul>	Total loss claims: 13 Claims still open or closed without payment: 4 Total payments for losses: \$25,876
Do you maintain a list of properties that have been damaged by flooding?	Yes
Do you maintain a list of property owners interested in flood mitigation?	No

## 2 HAZARD ANALYSIS AND RISK ASSESSMENT

### 2.1 HAZARD AREA EXTENT AND LOCATION

Hazard area extent and location maps were generated for the Town of Boonton that illustrate the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps have been generated only for those hazards that can be clearly identified using mapping techniques and technologies and for which the Borough of Mendham has significant exposure. Refer to Figure 1 and Figure 2.

### 2.2 REPETITIVE FLOOD LOSSES

The following summarizes the repetitive and severe repetitive flood losses in the Town of Boonton.

- Number of repetitive loss (RL) properties: 0
- Number of severe repetitive loss (SRL) properties: 0
- Number of RL/SRL properties that have been mitigated: 0

### 2.3 CRITICAL FACILITIES

The table below identifies critical facilities in the community located in the 1-percent and 0.2-percent floodplain.

**Table 8: Potential Flood Losses to Critical Facilities and Lifelines**

Name	Type	1% Event	0.2% Event
Old Morris Canal Dam	Dam	X	X
Boonton Dam	Dam	X	X

### 2.4 HAZARD RANKING

This section includes the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Section 3 (Risk Assessment). The Town of Boonton has reviewed the Morris County hazard ranking table, as well as its individual results, to reflect the relative risk of the hazards of concern to the community.

**Table 9: Town of Boonton Hazard Ranking Input**

Hazard	Ranking	Hazard	Ranking
Drought	Moderate	Hazardous Substances	High
Earthquake	Moderate	Severe Weather	High
Extreme Temperatures	Moderate	Severe Winter Storm	High
Flood	High	Wildfire	Moderate
Geological Hazards	Moderate		

### 2.5 COMPLETED ACTIONS

The Town of Boonton reported the following completed actions.

2020 Action	Mitigation Action Name	Project Description	Project Results
2020-Town of Boonton-009	JCP&L Electric Distribution Upgrades	With the current electric configuration, both water treatment plants serving the town are on the same electric feed. Continue to support JCP&L as they work to perform electric system upgrades (line repair) in the area of the Drew substation (Rt. 287, Vreeland and Toner area). Continue to petition JCP&L to tie in the Fox Hill substation into the Boonton Township potable water treatment plant.	Recent upgrades have alleviated this issue.
2020-Town of Boonton-008	Rockaway Valley Regional Sewage Authority (RVRSA) Wastewater System Mitigation	Conveyance lines within the Rockaway River are in flood vulnerable area and were broken during Irene. Support the RVRSA as they implement their project to build two pump stations to bypass their existing vulnerable conveyance lines within the Rockaway River flood vulnerable area which were broken during Irene.	Two pump stations installed and completed in 2017.

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## 2.6 CANCELLED ACTIONS

The Town of Boonton reported the following cancelled actions.

2020 Action	Mitigation Action Name	Project Description	Justification
2020-Town of Boonton-004	Jersey City Reservoir Dam Failure Detection and Warning System	Dam requires warning system and outreach to nearby residents. Continue to work with United Water (dam owner) as they develop and implement dam failure detection and early warning/alert programs and systems. Support outreach and education efforts for properties in the dam failure inundation zone as procedures and systems are established and/or enhanced.	This appears to be an obligation of the dam owner Veolia Water. The Town is not responsible for this item.
2020-Town of Boonton-005	Rockaway River Stream Channel Rehabilitation	Rockaway River is prone to flooding caused by fallen trees. Continue to work with Towns of Montville and Parsippany in implementing the stream maintenance program funded through the joint NJDEP grant. Continue to seek additional funding to address fallen trees (snags) that do not get addressed by the existing grant funded project.	No longer a Town priority.
2020-Town of Boonton-007	Vulnerability Assessment of NJ Transit Railroad Trestle Along Rockaway River	Railroad trestle is believed to be vulnerable streambank erosion and undermining by the adjacent Rockaway River. Encourage NJ Transit to evaluate the vulnerability of their railroad trestle.	No longer a Town priority.
2020-Town of Boonton-010	Mobile Internet Access	The town needs support internet access during emergency situations and internet outages. Establish mobile internet access (WIFI) "cradles" in vehicles that can be deployed as needed.	No longer a Town priority.

2020 Action	Mitigation Action Name	Project Description	Justification
2020-Town of Boonton-013	Old Morris Canal Dam	<p>Old Morris Canal Dam and Boonton Dam are municipally owned dams. Both dams are located in the 100-year floodplain. "</p> <p>Complete survey of dams to ensure dams are protected to 500-year flood level.</p>	No longer a Town priority.

**2.7 HAZARD MITIGATION STRATEGY**

**2.7.1 BACKGROUND INFORMATION**

Action	Jurisdiction	Mitigation Action Name	What is the problem the action is solving?	How does the action solve the problem?	Is this a continuing action from 2020 plan?  Yes/No	2024 Project Status Provided by Respondent (not applicable to any new actions)  Not Started In Progress
1	Boonton, Town of	Backup Power for Critical and Essential Facilities	Critical facilities require backup power. Some facilities have undersized or only portable generators for use.	Install or upgrade backup power equipment at the following critical and essential facilities in the Town as necessary funding is appropriated. Facilities are deemed critical if they provide a critical need for the town, including town government, areas of education, population care and key transportation nodes. These facilities include the Town of Boonton Town Hall, Sewer Lift Stations, Department of Public Works facility, Boonton Housing Authority, Federal Housing Senior Building, traffic lights and the Town of Boonton High School. Progress has been made on several of these facilities Town Hall - Upgrades in planning stages; Sewer Lift Station - final planned station to be installed in 2024; DPW Facility - Current generator at Town wall to be relocated to DPW after Town Hall upgrade is complete; Boonton Housing - no progress; Federal Housing - no progress; Senior Building - completed; High School - no progress; traffic lights - Complete	Yes	In Progress
2	Boonton, Town of	Wootton Street Stormwater Management Upgrades	Wootton Street is prone to stormwater flooding.	Upgrade storm drains on Wootton Street to mitigate flooding. The Final Wootton St projects have been awarded and will be in construction in 2024.	Yes	In Progress

Action	Jurisdiction	Mitigation Action Name	What is the problem the action is solving?	How does the action solve the problem?	Is this a continuing action from 2020 plan?  Yes/No	2024 Project Status Provided by Respondent (not applicable to any new actions)  Not Started In Progress
3	Boonton, Town of	Boonton Wellfield Water Filtration Plant	The Boonton Wellfield Water Filtration Plant at 130 Old Denville Road in Boonton Township is located in the 100-year floodplain. The Plant has flooded previously during Irene and Floyd.	The Town will work to raise appropriate buildings and install floodwalls. The plant upgrade and generator project is in the final design stages, currently under review by the NJDEP. The project is seeking funding through the NJ Infrastructure Trust.	Yes	In Progress
4	Boonton, Town of	Vreeland Avenue Stormwater Management Upgrades	This area floods during heavy rain events, resulting in road closures and traffic diversion. Private property flooding is limited to open land areas. A 1999 plan to perform stormwater management upgrades here could not be funded.	Renovate and enlarge culvert at Vreeland Avenue and Greenbank Road. The culvert has been enlarged and was also reinforced, this alleviated some minor flooding but has not mitigated roadway flooding during major rain events	Yes	In progress
5	Boonton, Town of	Rockaway River Streambank Stabilization at Rockaway Street and Harrison Street	Severe streambank erosion/slope failure issues in these two locations.	Stabilization of failed slope and restoration of natural streambank. NJDOT Funding for \$600,000 has been secured. Applying for additional funding. Permits need to be removed.	Yes	Not Started

Action	Jurisdiction	Mitigation Action Name	What is the problem the action is solving?	How does the action solve the problem?	Is this a continuing action from 2020 plan?  Yes/No	2024 Project Status Provided by Respondent (not applicable to any new actions)  Not Started In Progress
6	Boonton, Town of	GIS Mapping of Catch Basin & General Stormwater Facilities	The location of all catch basins and stormwater facilities, both private and public, need to be identified, mapped, and located for planning, maintenance, and proposed upgrades to the system. This is done by creating a GIS Mapping system.	Infrastructure mapping is critical to emergency response, review of issues, and creating recommendations for improvements This must be complete by the end of 2025 per NJDEP MS4 Permit. A \$25,000 grant from NJDEP for mapping has been obtained.	No	New
7	Boonton, Town of	Develop All Hazards Public Education & Outreach program for Hazard Mitigation & Preparedness	Need for an All Hazards Public Education & Outreach program for Hazard Mitigation & Preparedness	Create and continuously update All Hazards Public Education & Outreach program for Hazard Mitigation & Preparedness	No	New
8	Boonton, Town of	Review & update the Boonton Flood Hazard Area Ordinance	The Boonton Flood Hazard Area Ordinance should be consistent with FEMA requirements. Updating is required periodically and will be required when FEMA issues the new digital mapping to replace the prior paper maps	The Town anticipates reviewing and updating the Flood Hazard Area Ordinance upon the adoption of the new FEMA maps to replace the prior maps. Status is on-going and the adoption has not been scheduled. This will improve regulatory and enforcement capabilities to manage flood risk.	No	New

Action	Jurisdiction	Mitigation Action Name	What is the problem the action is solving?	How does the action solve the problem?	Is this a continuing action from 2020 plan?  Yes/No	2024 Project Status Provided by Respondent (not applicable to any new actions)  Not Started In Progress
9	Town of Boonton	Debris Removal and Management Plan	Massive post-flood debris to be managed	Create a specific debris removal plan that includes NJDEP pre-permitting of sites chosen	Yes	Not Started

2.7.2 IMPLEMENTATION INFORMATION

	What is the main hazard from the 2025 update that the action mitigates?	List any additional hazards from the 2025 mitigation plan update that the action mitigates	What is the main goal that the action addresses?	List any additional goals that the action addresses	What agencies will lead the implementation of this action?	What agencies will support the implementation of this action?	What are potential sources of funding that can support this mitigation action?	What benefits does this action provide?
1	Severe Weather	Severe Winter Weather	Goal 1	Goal 1; Goal 5	<u>DPW</u>	Engineering, Administration	Capital Budget, HMGP	Energy continuity

	What is the main hazard from the 2025 update that the action mitigates?	List any additional hazards from the 2025 mitigation plan update that the action mitigates	What is the main goal that the action addresses?	List any additional goals that the action addresses	What agencies will lead the implementation of this action?	What agencies will support the implementation of this action?	What are potential sources of funding that can support this mitigation action?	What benefits does this action provide?
2	Severe Weather	Flood	Goal 4	Goal 1; Goal 5	<u>Department of Public Works</u>	Engineering, Administration	HMGP, PDM, FMA	Reduce hazard impacts, improve capabilities and coordination at Municipal Level; pursue opportunity to mitigate losses
3	Flood	Severe Weather	Goal 4	Goal 1; Goal 5	<u>Engineering, Township of Boonton</u>	Administration	HMGP, FMA, Municipal budget	Reduce hazard impacts, improve capabilities and coordination at Municipal Level; pursue opportunity to mitigate losses
4	Severe Weather	Flood	Goal 4	Goal 1; Goal 5	<u>Department of Public Works; size of project may require County implementation</u>	Administration	HMGP, PDM, FMA	Reduced vulnerability of critical infrastructure to closure; reduced need for emergency protective services.

	What is the main hazard from the 2025 update that the action mitigates?	List any additional hazards from the 2025 mitigation plan update that the action mitigates	What is the main goal that the action addresses?	List any additional goals that the action addresses	What agencies will lead the implementation of this action?	What agencies will support the implementation of this action?	What are potential sources of funding that can support this mitigation action?	What benefits does this action provide?
5	Flood	Severe Weather	Goal 4	Goal 1; Goal 5	<u>Engineering</u>	Administration	Capital Budget	Reduce hazard impacts, improve capabilities and coordination at Municipal Level; pursue opportunity to mitigate losses
6	Flood	Severe Weather	Goal 3	Goal 1; Goal 5	<u>Engineering</u>	Administration	NJDEP Grant funding, Capital Budget	Improved data collection, reduction in hazard impacts; identify hazards
7	All Hazards	N/A	Goal 2	Goal 1; Goal 5	<u>Engineering</u>	Administration	Operating budget	Improve education and outreach
8	Flood	N/A	Goal 4	Goal 1; Goal 5	<u>Engineering</u>	Administration	Operating budget	Improve capabilities, coordination at Municipal level
9	All Hazards	N/A	Goal 1	Goal 3; Goal 4	Superintendent of Public Works, Engineer	N/A	Municipal Budget	Improved emergency planning and response

2.7.3 STRATEGY RANKING AND PRIORITIZATION

	What is the estimated cost of this action?	What is the estimated timeline for this action to be implemented?	Potential for Lives Saved  1 - Little Potential 2 - Some Potential 3 - Major Potential	Potential for Reduced Property Damages  1 - Little Potential 2 - Some Potential 3 - Major Potential	Potential for Reduced Response Actions  1 - Little Potential 2 - Some Potential 3 - Major Potential	Benefits Exceed Costs  0 - BCA equal 2 - Minor Exceedence 3 - Major Exceedence	Community Action Priority Ranking  1 - Low Priority 2 - Medium Priority 3 - High Priority	Total	Action Priority
1	\$50k-250k	3-5 years	2	1	3	3	3	12	Medium
2	\$50k-250k	Under 1 year	1	2	3	3	3	12	Medium
3	\$250k-\$500k	1-3 years	1	3	2	2	3	11	Medium
4	\$500k-\$750k	1-3 years	1	3	3	3	3	13	High
5	Over \$1M	1-3 years	2	3	2	2	3	12	Medium
6	Under \$50k	1-3 years	1	2	3	3	3	12	Medium
7	Under \$50k	1-3 years	3	3	2	1	2	11	Medium
8	Under \$50k	Under 1 year	1	3	3	3	3	13	High
9	Under \$100k	1-3 years	1	1	2	3	2	9	Low

Figure 1: Town of Boonton Hazard Area Extent and Location Map 1

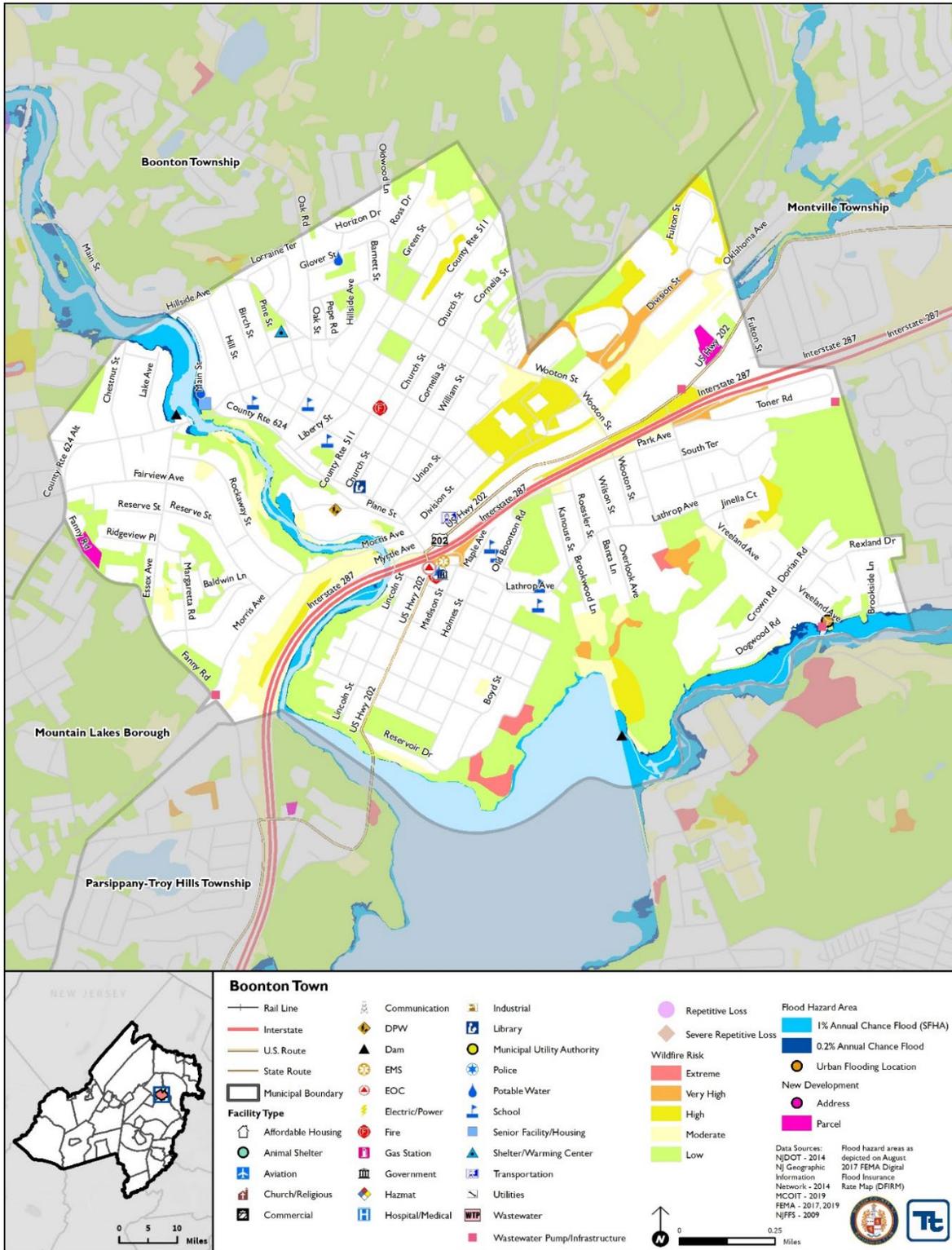


Figure 2: Town of Boonton Hazard Area Extent and Location Map 2

