



9.7 TOWN OF EASTON

This section presents the jurisdictional annex for the Town of Easton.

9.7.1 Hazard Mitigation Plan Point of Contact

The following individuals have been identified as the hazard mitigation plan’s primary and alternate points of contact.

Primary Point of Contact	Alternate Point of Contact
Daniel Shaw, Town Supervisor 1071 State Route 40, Easton, New York 695-4677; 744-2951 eastonsuper1@hotmail.com	Randy Moy, Councilman 1071 State Route 40, Easton, New York 692-9455; 462-9455

9.7.2 Municipal Profile

The Town of Easton is in southwestern Washington County, along the county’s western border. The west town line is defined by the Hudson River with Saratoga County on the opposite bank. The south town line is the border of Rensselaer County. To the north the town is bounded by the Town of Greenwich, and to the east by the Towns of Jackson and Cambridge. A small portion of the Village of Greenwich lies within the Town of Easton.

The town has a total area of 63.2 square miles, of which 0.9 square miles is water. Significant water bodies in the town include the Battenkill, Ensign Brook, and Fly Creek, along with the Hudson River along the Town’s western boundary.

According to the 2010 Census, the community's population was 2,336.

Growth/Development Trends

The Town of Easton did not note any recent residential/commercial development since 2010 or any major residential or commercial development, or major infrastructure development planned for the next five years in the municipality.

Table 9.7-1. Growth and Development

Property or Development Name	Type (e.g. Res., Comm.)	# of Units / Structures	Location (address and/or Parcel ID)	Known Hazard Zone(s)	Description/Status of Development
Recent Development from 2010 to present					
None identified by the municipality.					
Known or Anticipated Development in the Next Five (5) Years					
None identified by the municipality.					

** Only location-specific hazard zones or vulnerabilities identified.*

9.7.3 Natural Hazard Event History Specific to the Municipality

Washington County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5.0 of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities. For the purpose of this plan update, events that have occurred in the County from 2008 to present were summarized to indicate the range and impact of hazard events in the community. Information regarding specific damages is included, if available,





based on reference material or local sources. This information is presented in the table below. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

Table 9.7-2. Hazard Event History

Dates of Event	Event Type (FEMA Disaster Declaration if applicable)	Washington County Designated?	Summary of Damages/Losses
July 2-3, 2005	Flash Flooding	N/A	The flooding washed out a bridge on Valley Falls Rd., forcing that road to close for many weeks. Crandall’s Corner and Hoag Roads were also closed as a result of the flooding. Town highway crews were deployed after the flood waters subsided to backfill roads throughout town. The Valley Falls bridge was eventually replaced by large culverts.
Sept. 2008	Hurricane Hanna	N/A	Wright Road was closed due to a washed-out culvert. Town crews spent two weeks on tree and debris removal in the wake of the event.
December 11-31, 2008	Severe Winter Storm DR-1827	Yes	Town workers worked significant overtime hours. Other damages included fuel costs and wear on the trucks and equipment.
August 26-September 5, 2011	Hurricane/T.S. Irene DR-4020	Yes	Town highway crews worked minimal overtime filling in roadway washouts.
October 27 – November 8, 2012	Hurricane/T.S. Sandy EM-3351	Yes	Heavy rains from the event backfilled culverts around town. Losses were incurred due to roadway clean-up and backfill.
June 17, 2013	Severe Thunderstorms – Hail	N/A	Flooding from the heavy rains washed out two culverts and forced the closure of Verbeck Avenue. Town crews later replaced two culvert pipes on Verbeck Avenue.

Notes:

- EM Emergency Declaration (FEMA)
- FEMA Federal Emergency Management Agency
- DR Major Disaster Declaration (FEMA)
- N/A Not applicable

9.7.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the hazard vulnerabilities and their ranking in the Town of Easton. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0. Refer to Figure 9.7-1 later in this annex for hazard vulnerable areas located in the Town of Easton.

Natural Hazard Risk/Vulnerability Risk Ranking

As discussed in Section 5.3 (Hazard Ranking), each participating town or village may have differing degrees of risk exposure and vulnerability compared to Washington County as a whole. Therefore, each municipality ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the Town of Easton. Table 9.7-12 provides proposed mitigation initiatives for the high ranked hazards.

Table 9.7-3. Hazard Risk/Vulnerability Risk Ranking

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard ^{a, c}	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking ^b
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Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard ^{a, c}	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking ^b
Earthquake	100-Year GBS: \$0	Occasional	28	Medium
	500-Year GBS: \$2,019,966			
	2,500-Year GBS: \$21,660,795			
Flood	Damage estimate not available.	Frequent	27	Medium
Severe Weather	100-Year MRP: \$215,622	Frequent	48	High
	500-year MRP: \$1,109,779			
	Annualized: \$10,253			
Severe Winter Weather	1% GBS: \$4,286,514	Frequent	51	High
	5% GBS: \$21,432,572			
Wildfire	Estimated Value in the WUI Hazard Areas: \$163,931,667	Frequent	39	High

Notes:

- a. Building damage ratio estimates based on FEMA 386-2 (August 2001)
- b. The valuation of general building stock and loss estimates was based on custom inventory for the municipality.
High = Total hazard priority risk ranking score of 31 and above
Medium = Total hazard priority risk ranking of 20-30+
Low = Total hazard risk ranking below 20
- c. Loss estimates for the severe storm and severe winter storm hazards are structural values only and do not include the value of contents.
- d. Loss estimates for the flood and earthquake hazards represent both structure and contents.
- e. The HAZUS-MH earthquake model results are reported by Census Tract.
- f. Damage estimate for flood unavailable due to lack of digital floodplain data for Washington County.

National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the Town of Easton.

Table 9.7-4. NFIP Summary

Municipality	# Policies ^a	# Claims (Losses) ^a	Total Loss Payments ^b	# Repetitive Loss Prop. ^a	# Severe Rep. Loss Prop. ^a
Easton (T)	12	0	\$0	0	0

Source: FEMA, 2016

- Note (1) Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA and are current as of April 30, 2016 and are summarized by Community Name. Please note the total number of repetitive loss properties excludes the severe repetitive loss properties. The number of claims represents claims closed by 4/30/2016.
- Note (2) Total building and content losses from the claims file provided by FEMA Region 2.
- Note (3) The policies inside and outside of the flood zones are unavailable due to lack of digital floodplain for Washington County.
- Note (4) FEMA noted that where there is more than one entry for a property, there may be more than one policy in force or more than one GIS possibility.

Critical Facilities

At the time of this HMP Update, digitized flood maps for Washington County are unavailable. In order to provide some level of beneficial analysis, a desktop analysis was performed to identify critical facilities located within the floodplain (refer to Section 5.1 [Methodology and Tools] for details). The following table identifies critical facilities located within the municipality and their exposure, if any, to the possible floodplain. This information is a resource for the municipality to determine if flood mitigation actions are appropriate





based on historical events and proximity of the facility to a water body. At the time of this 2018 HMP Update, the municipality did not identify any actions associated with these facilities.

The Town of Easton understands the limitation of the map data and once the updated maps are available, the municipality will work with Washington County to determine which critical facilities are located within the 1% and 0.2% annual chance flood zones. Once identified, the municipality will work with the property owners and develop mitigation actions for each of the critical facilities, ensuring they will be protected to the 500-year (or worst-case scenario) level.

Table 9.7-5. Potential Flood Losses to Critical Facilities

Name	Type	Potential Exposure
None identified		

Source: Washington County; NYS GIS Clearinghouse

Other Vulnerabilities Identified

The municipality has identified the following vulnerabilities within their community:

- Past flood damages have occurred at various locations along Valley Falls Rd, Lee’s Crossing, Wood Rd., Wright Rd., Verbeck Ave., Hoag Rd., and east of Beadle Hill Rd.
- Flash flooding has contributed greatly in the past to roadway damage.
- The town has been trying to replace damaged culverts and washed out culverts with larger size culverts as needed. However, with the ditches plugged (due to lack of excavation equipment) it is very hard to direct the water into the culverts and not into the roads where it builds up volume and creates large washouts when it finally finds a route off the road.
- The town is still in desperate need of excavation equipment. The town of Easton is the only Town in Washington County that does not have a machine that is capable of digging ditches or culverts – all other towns have either excavators or back hoes that are able to accomplish this. The highway department struggles to maintain all of the ditches and culverts with existing equipment. Currently, the town rents an excavator for specific projects, but never has enough time to attack the preventative maintenance of ditches and culverts that is so desperately needed. The Town also does not have a pole barn to store equipment in either. The biggest obstacles with either of these items are a willing town board and the tax cap that the Governor has instituted.

9.7.5 Capability Assessment

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- National Flood Insurance Program
- Integration of mitigation planning into existing and future planning mechanisms

Planning and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Town of Easton.





Table 9.7-6. Planning and Regulatory Tools

Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
Planning Capability				
Comprehensive Plan	Yes	Local	Town of Easton	March 21, 1972
Capital Improvements Plan	No	-	-	-
Floodplain Management / Basin Plan	No	-	-	-
Stormwater Management Plan	No	-	-	-
Open Space Plan	No	-	-	-
Stream Corridor Management Plan	No	-	-	-
Watershed Management or Protection Plan	No	-	-	-
Local Waterfront Revitalization Plan	No	-	-	-
Economic Development Plan	No	-	-	-
Comprehensive Emergency Management Plan	No	-	-	-
Emergency Response/Operations Plan	No	-	-	-
Post-Disaster Recovery Plan	No	-	-	-
Transportation Plan	No	-	-	-
Strategic Recovery Planning Report	No	-	-	-
Other Plans:	No	-	-	-
Regulatory Capability				
Building Code	Yes	State, Local	Code Enforcement Officer	New York State Uniform Fire Prevention and Building Code and State Energy Conservation Construction Code
Zoning Ordinance	No	-	-	-
Subdivision Ordinance	Yes	Local	Planning Board	Town Subdivision Law #3 Of 1999
NFIP Flood Damage Prevention Ordinance	Yes	Federal, State, Local	Building Inspector, Planning Board	Flood Damage Prevention (Local Law 1-1986), Updated as Local Law 3-1998
NFIP: Freeboard	Yes	State, Local	Building Inspector	State mandated BFE+2 for single and two-family residential construction, BFE+1 for all other construction types
NFIP: Cumulative Substantial Damages	No	-	-	-
Growth Management Ordinances	No	-	-	-
Site Plan Review Requirements	No	-	-	-
Stormwater Management Ordinance	No	-	-	-
Municipal Separate Storm Sewer	No	-	-	-



Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
System (MS4)				
Natural Hazard Ordinance	No	-	-	-
Post-Disaster Recovery Ordinance	No	-	-	-
Real Estate Disclosure Requirement	Yes	State	NYS Department of State, Real Estate Agent	NYS mandate, Property Condition Disclosure Act, NY Code - Article 14 §460-467
Other (Special Purpose Ordinances [i.e., sensitive areas, steep slope])	No	-	-	-

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Town of Easton.

Table 9.7-7. Administrative and Technical Capabilities

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Planning Board
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Maintenance programs to reduce risk	No	-
Mutual aid agreements	Yes	Fire Department and State shared service agreement
Technical/Staffing Capability		
Planner(s) or engineer(s) with knowledge of land development and land management practices	No	-
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	No	-
Planners or engineers with an understanding of natural hazards	No	-
NFIP Floodplain Administrator (FPA)	Yes	Building Inspector, Planning Board
Surveyor(s)	No	-
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	-
Scientist familiar with natural hazards	No	-
Emergency Manager	No	-
Grant writer(s)	No	-
Staff with expertise or training in benefit/cost analysis	No	-
Professionals trained in conducting damage assessments	No	-



Fiscal Capability

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

Table 9.7-8. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvements project funding	No
Authority to levy taxes for specific purposes	No
User fees for water, sewer, gas or electric service	No
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	No
Incur debt through general obligation bonds	No
Incur debt through special tax bonds	No
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other federal or state Funding Programs	No
Open Space Acquisition funding programs	No
Other	No

Community Classifications

The table below summarizes classifications for community program available to the Town of Easton.

Table 9.7-9. Community Classifications

Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	9/10	1/4/17
NYSDEC Climate Smart Community	No	-	-
Storm Ready	No	-	-
Firewise	No	-	-
Disaster/safety programs in/for schools	No	-	-
Organizations with mitigation focus (advocacy group, non-government)	No	-	-
Public education program/outreach (through website, social media)	No	-	-
Public-Private Partnerships	No	-	-

Note:

- N/A Not applicable
- NP Not participating
- Unavailable





The classifications listed above relate to the community’s ability to provide effective services to lessen its vulnerability to the hazards identified. These classifications can be viewed as a gauge of the community’s capabilities in all phases of emergency management (preparedness, response, recovery and mitigation) and are used as an underwriting parameter for determining the costs of various forms of insurance. The CRS class applies to flood insurance while the BCEGS and Public Protection classifications apply to standard property insurance. CRS classifications range on a scale of 1 to 10 with class 1 being the best possible classification, and class 10 representing no classification benefit. Firewise classifications include a higher classification when the subject property is located beyond 1000 feet of a creditable fire hydrant and is within 5 road miles of a recognized Fire Station.

Criteria for classification credits are outlined in the following documents:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule website at <https://www.isomitigation.com/bcegs/>
- The ISO Mitigation online ISO’s Public Protection website at <https://www.isomitigation.com/ppc/>
- The National Weather Service Storm Ready website at <https://www.weather.gov/stormready/>
- The National Firewise Communities website at <https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA>

Self-Assessment of Capability

The table below provides an approximate measure of the Town of Easton’s capability to work in a hazard-mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

Table 9.7-10. Self-Assessment Capability for the Municipality

Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, what are your obstacles?)	Moderate	High
Planning and regulatory capability	X – No staff, no money		
Administrative and technical capability	X – No staff, no money		
Fiscal capability	X – No staff, no money		
Community political capability	X – No staff, no money		
Community resiliency capability	X – No staff, no money		
Capability to integrate mitigation into municipal processes and activities	X – No staff, no money		

National Flood Insurance Program

NFIP Floodplain Administrator (FPA)

While the Flood Damage Prevention Ordinance indicates that the building inspector is the FPA; Steven Mueller, Highway Superintendent provided the following information.

Flood Vulnerability Summary

The Town does not maintain lists/inventories of properties that have been flood damaged or make substantial damage estimates, and is unaware of any residential, commercial, or industrial structures that were damaged during past flood events.





No Town residents have approached the FPA with interest in mitigation activities, and the FPA is unaware of any ongoing mitigation projects within the town.

Resources

The current FPA is the sole person assuming the responsibilities of floodplain administration. The primary responsibilities of the Town FPA/Town Supervisor are pre-approving building permits prior to submission to County Code Enforcement who completes site visit, inspections, etc. There are currently no education or outreach programs to the community regarding flood hazards/risk, and flood risk reduction through NFIP insurance, mitigation, etc.

The Town reports costs and time as barriers to running an effective floodplain management program. The FPA feels adequately supported, but not adequately trained to fulfill the responsibilities of a municipal floodplain administrator, and would consider attending continuing education and/or certification training on floodplain management if it were offered in the County for all local floodplain administrators.

Compliance History

The community is in good standing with the NFIP. According to NYS DEC, the date of the most recent NFIP compliance audit is January 3, 2013.

Regulatory

The Town Flood Damage Prevention ordinance meets, but does not exceed the FEMA and State minimum requirements. The Town Planning Board reviews the location of all subdivisions relative to flood potential.

The community is not interested in joining the Community Rating System (CRS) program to reduce flood insurance premiums for their insured.

Integration of Hazard Mitigation into Existing and Future Planning Mechanisms

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, each community was surveyed to obtain a better understanding of their community's progress in plan integration. A summary is provided below. In addition, the community identified specific integration activities that will be incorporated into municipal procedures.

Planning

Land Use Planning: Much of the Town of Easton lies within Washington County Agricultural District No 3, and within Town of Easton Critical Environmental Area-1, with three other Critical Environmental Areas also designated. Throughout the town there are State and Federal wetland areas, as well as Federal Flood Map Zone A sections. Existing land use maps are available from the Town. The Town Planning Board refers to SEQR and NYSDEC guidance in making their decisions with respect to natural hazard risk management.

Town of Easton Comprehensive Plan: The Town has a Comprehensive Plan, adopted March 21, 1972, that includes the subdivision ordinance, but does not specifically discuss areas of natural hazard risk or refer to a County-wide Hazard Mitigation Plan. The plan is available at the Town offices in hard copy only.

Regulatory and Enforcement

Construction Codes, Uniform: The building codes are strictly enforced to make new and renovated buildings as prepared as possible for hazard related incidents. The Town complies with New York State Uniform Fire



Prevention and Building Code (the Uniform Code) and the State Energy Conservation Construction Code (the Energy Code).

Flood Damage Prevention Ordinance: This ordinance promotes the public health, safety, and general welfare of residents and seeks to minimize public and private losses due to flood conditions. It regulates development to promote flood resistant structures and controls the alteration of floodplains to prevent increased vulnerability.

Sewers: The Town abides by the County-wide Sanitary Code, which protects and regulates its sewage collection and treatment facilities as a matter of public health and environmental safety. It seeks to prohibit the introduction of stormwater, surface, or sub-surface waters into sanitary sewers and to control the quantity and quality of wastes in the sewage system.

Subdivision Law No. 3 (1999): The Town’s Planning Board is tasked with site plan/subdivision review. The Planning Board pays special attention to ensure that developments mitigate the issues associated natural hazards. The Town of Easton’s emphasis on supporting agriculture and mitigating the impacts of new development on farms is evident throughout the subdivision law. Minor subdivisions undergo a two-step process, while major subdivisions have a three-step process. For projects that require environmental impact statements, the town requires an element describing the impact on agriculture when the proposed action is located within or contiguous to an agricultural district.

Education and Outreach

The Town of Easton provides links to hazard mitigation resources from its home webpage, including links to FEMA Forms and instructions, FEMA mapping, and an NYS DEC environmental news bulletin.

Town staff would benefit from additional training and/or certification with respect to natural hazard risk management, especially with regards to individual staff-members’ roles in mitigation, risk reduction, and floodplain management.

9.7.6 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and prioritization.

Past Mitigation Initiative Status

The following table indicates progress on the community’s mitigation strategy identified in the 2010 Plan. It should be noted that during the 2010 planning process, only general, countywide actions were identified for each municipality. The Town of Easton reviewed the previous actions and selected actions they chose to carry forward as part of this plan update. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under ‘Capability Assessment’ presented previously in this annex.



Table 9.7-11. Status of Previous Mitigation Actions

2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status	Next Step (Include in 2018 HMP or Discontinue)	Describe Next Step
Improve drainage at sites where roads have washed out due to natural hazards in the past.	Town Highway Dept.	In progress	Town makes repairs and upgrades as needed and as funding is available.	Include in the 2018 HMP	Improve drainage at sites where roads have washed out due to natural hazards in the past including: Valley Falls Rd, Lee's Crossing, Wood Rd., Wright Rd., Verbeck Ave., Hoag Rd., and east of Beadle Hill Rd.
Purchase equipment to provide for local personnel to conduct the drainage improvement.	Highway Department, County, NYS DHSES	No progress	The equipment required to excavate drainage ditches and roadways to increase culvert pipe size is not available for local municipal use unless it is contracted. Local highway departments have the expertise to do the work, but not the equipment. A suggestion was made to purchase with mitigation funding five (5) excavators for Towns with the greatest need.	Include in the 2018 HMP	Purchase excavator equipment in coordination with the Towns of Easton, Cambridge, White Creek, and Jackson.
Engineering assessment to determine feasibility of each site improvement	N/A	No progress	None needed. Not applicable to the Town.	Discontinue	At the time of this plan update, this action does not pertain to the town. Therefore, it will not be included in the 2018 HMP Update.
Improve dams to prevent flooding causing roads to wash out.	N/A	No progress	No dam improvements needed. Not applicable to the Town.	Discontinue	At the time of this plan update, this action does not pertain to the town. Therefore, it will not be included in the 2018 HMP Update.
Improve identified sites where slope stability is subject to land subsidence and where excavation or planting could mitigate future damage.	N/A	No progress	No sites identified. Not applicable to the Town.	Discontinue	At the time of this plan update, this action does not pertain to the town. Therefore, it will not be included in the 2018 HMP Update.
Construct pole barn additions to highway department barns where new excavation equipment will be housed.	Highway Department, County, NYS DHSES	No progress	Only necessary if funding for new excavation equipment is acquired.	Include in the 2018 HMP	Once purchase of new excavator equipment is secured, construct pole barn additions to highway department barn where new excavation equipment will be housed.



Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Town of Easton has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2010 Plan:

- Efforts by the Town to mitigate against further damage and to correct damage included adding rip rap to drainage ditches along roadsides and installing larger culvert tubes under roadbeds.

Proposed Hazard Mitigation Initiatives for the Plan Update

The Town of Easton participated in a mitigation action workshop in September 2016 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 ‘Selecting Appropriate Mitigation Measures for Floodprone Structures’ (March 2007) and FEMA ‘Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards’ (January 2013).

Table 9.7-12 summarizes the comprehensive-range of specific mitigation initiatives the Town of Easton would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide-range of activities and mitigation measures selected.

As discussed in Section 6, 14 evaluation/prioritization criteria are used to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing your actions as ‘High’, ‘Medium’, or ‘Low.’ The table below summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.7-13 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.7-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
T. Easton-1 (previous action)	Drainage Improvements - Improve drainage at sites where roads have washed out due to natural hazards in the past including: <ul style="list-style-type: none"> • Valley Falls Rd, • Lee's Crossing, • Wood Rd., • Wright Rd., • Verbeck Ave., • Hoag Rd., and • east of Beadle Hill Rd. 	N/A	Flood, severe storm	1, 4	Town Highway Department	High	Medium	County, Local Budget, Bridge NY	Short	Medium	SIP	PP, PR, SP
T. Easton-2	Update Comprehensive Plan to include flood overlay district, and to integrate the risk assessment and recommendations of the hazard mitigation plan with the comprehensive plan.	Both	All hazards	1, 4, 5	Town Board	Medium	Low	Local Budget	Short	High	LPR	PR
T. Easton-3 (previous action)	Clean and reshape all ditches and culverts in the Town to meet 50-year storm requirements and reduce flooding overflow.	Existing	Flood, severe storm	1, 4	Town Highway Department with support from Washington County	High	Medium to High	FEMA (HMGP, PDM), County, Local Budget, Bridge NY	Short	Medium	LPR, SIP, NSP	PP, PR, SP
T. Easton-4 (previous action)	Purchase excavation equipment to provide for local personnel to conduct the drainage improvement. Construct a storage facility for the equipment. The facility will be located at the highway department barn.	N/A	Flood, severe storm	1, 4	Town Highway Department with support from Washington County	High	Med-High	FEMA (HMGP, PDM), County, Local Budget	Short	Medium	LPR, SIP, NSP	PP, PR, SP
T. Easton-5	Institute a purchasing plan/capital improvements plan to ensure greatest needs are addressed with available	N/A	Flood, severe storm, severe winter storm	1, 4	Town Board, Town Highway Department	High	Low	Local Budget	Short	High	LPR	PR, PI





Table 9.7-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
	Send local staff members to attend trainings and conferences to become educated on how to efficiently run a local Floodplain Administration program.	Existing	Flood, severe storm	2	Town Board, County Public Safety	Medium	Low	Local Budget	Short	High	EAP	PR PI
	Send Town staff to county and state trainings, and complete certification programs with respect to hazard risk management in Benefit Cost Analysis (BCA), Recovery Planning, Damage Estimates, and Debris Management.	N/A	All Hazards	2, 3	Town Highway Department, Code Enforcement, County	Medium	Low – Staff Time	Local Budget	Ongoing	High	LPR EAP	PI

Notes:

Not all acronyms and abbreviations defined below are included in the table.

*Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.

Acronyms and Abbreviations:

- CAV Community Assistance Visit
- CRS Community Rating System
- DPW Department of Public Works
- FEMA Federal Emergency Management Agency
- FPA Floodplain Administrator
- HMA Hazard Mitigation Assistance
- N/A Not applicable
- NFIP National Flood Insurance Program
- OEM Office of Emergency Management

Potential FEMA HMA Funding Sources:

- FMA Flood Mitigation Assistance Grant Program
- HMGP Hazard Mitigation Grant Program
- PDM Pre-Disaster Mitigation Grant Program
- RFC Repetitive Flood Claims Grant Program (discontinued in 2015)
- SRL Severe Repetitive Loss Grant Program (discontinued in 2015)

Timeline:

- Short 1 to 5 years
- Long Term 5 years or greater
- OG On-going program
- DOF Depending on funding

Costs:

Where actual project costs have been reasonably estimated:

- Low < \$10,000
- Medium \$10,000 to \$100,000
- High > \$100,000

Benefits:

Where possible, an estimate of project benefits (per FEMA's benefit calculation methodology) has been evaluated against the project costs, and is presented as:

- Low= < \$10,000
- Medium \$10,000 to \$100,000
- High > \$100,000

Where actual project costs cannot reasonably be established at this time:





Costs:

- Low Possible to fund under existing budget. Project is part of, or can be part of an existing on-going program.*
- Medium Could budget for under existing work plan, but would require a reappropriation of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.*
- High Would require an increase in revenue via an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover the costs of the proposed project.*

Benefits:

- Where numerical project benefits cannot reasonably be established at this time:*
- Low Long-term benefits of the project are difficult to quantify in the short term.*
- Medium Project will have a long-term impact on the reduction of risk exposure to life and property, or project will provide an immediate reduction in the risk exposure to property.*
- High Project will have an immediate impact on the reduction of risk exposure to life and property.*

Mitigation Category:

- *Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.*
- *Structure and Infrastructure Project (SIP) - These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.*
- *Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.*
- *Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities*

CRS Category:

- *Preventative Measures (PR) - Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.*
- *Property Protection (PP) - These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.*
- *Public Information (PI) - Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.*
- *Natural Resource Protection (NR) - Actions that minimize hazard loss and also preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.*
- *Structural Flood Control Projects (SP) - Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.*
- *Emergency Services (ES) - Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities*



Table 9.7-13. Summary of Prioritization of Actions

Mitigation Action / Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
T. Easton-1 (previous action)	Drainage Improvements	1	0	1	1	0	1	0	0	0	1	1	1	0	0	7	Medium
T. Easton-2	Update Comprehensive Plan to include flood overlay district, and to integrate the risk assessment and recommendations of the hazard mitigation plan with the comprehensive plan.	1	1	1	1	1	0	1	0	0	1	1	1	0	0	9	High
T. Easton-3 (previous action)	Clean and reshape all ditches and culverts in the Town to meet 50-year storm requirements and reduce flooding overflow.	1	1	1	1	0	1	0	0	0	1	1	1	0	0	8	Medium
T. Easton-4 (previous action)	Purchase excavation equipment to provide for local personnel to conduct the drainage improvement. Construct a storage facility for the equipment. The facility will be located at the highway department barn.	1	1	1	1	0	0	0	0	0	1	1	0	0	0	6	Medium
T. Easton-6	Institute a purchasing plan/capital improvements plan to ensure greatest needs are addressed with available funding.	1	1	1	1	1	0	0	0	0	1	1	1	0	0	8	High
T. Easton-7	Send local staff members to attend trainings and conferences to become educated on how to efficiently run a local Floodplain Administration program.	1	1	1	1	1	0	1	1	0	1	1	1	0	0	10	High



Table 9.7-13. Summary of Prioritization of Actions

Mitigation Action / Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
T. Easton-8	Send Town staff to county and state trainings, and complete certification programs with respect to hazard risk management in Benefit Cost Analysis (BCA), Recovery Planning, Damage Estimates, and Debris Management.	1	1	1	1	0	0	0	0	0	1	1	1	0	0	7	High

Note: Refer to Section 6, which conveys guidance on prioritizing mitigation actions.



9.7.7 Future Needs to Better Understand Risk/Vulnerability

None at this time.

9.7.8 Hazard Area Extent and Location

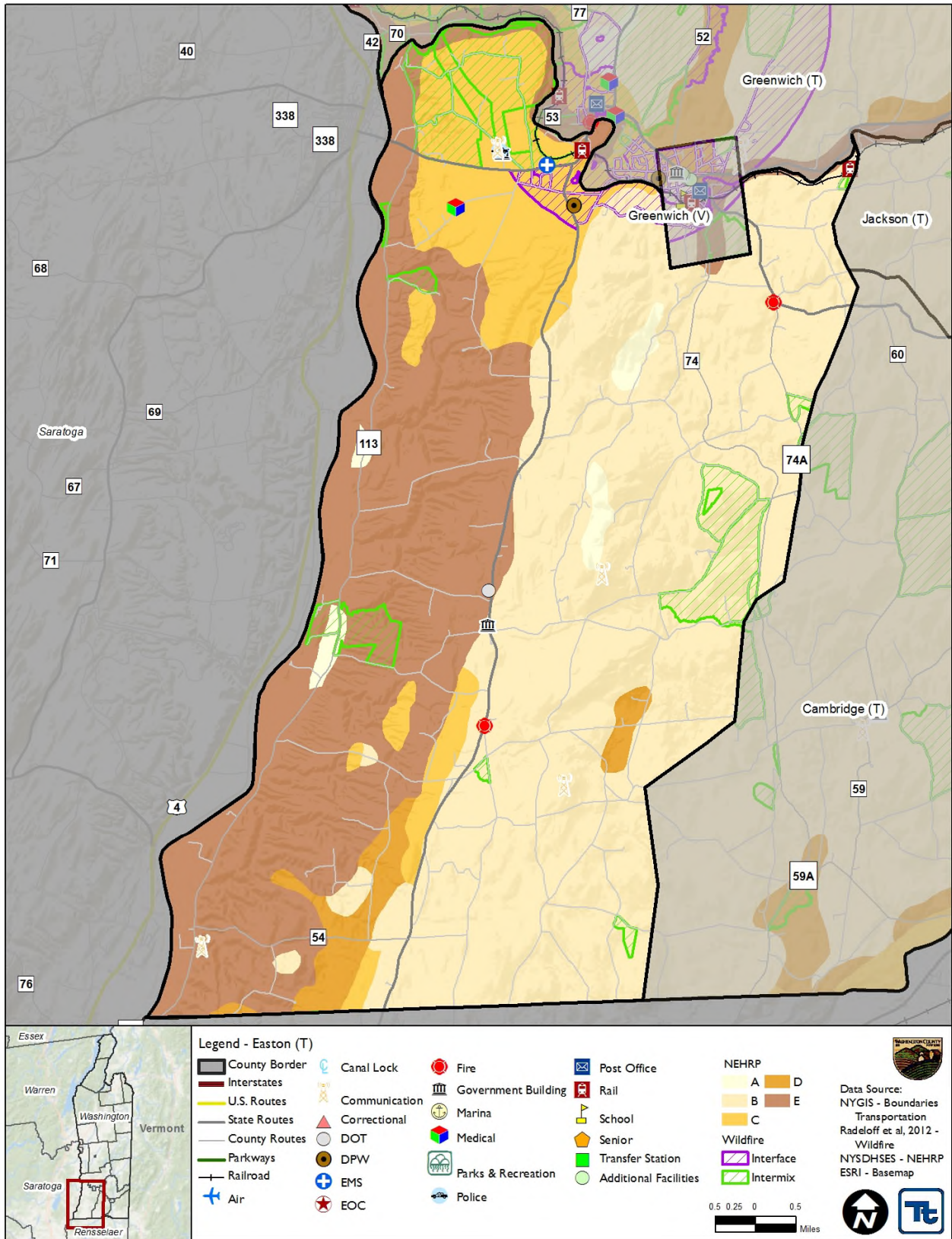
Hazard area extent and location maps have been generated for the Town of Easton that illustrate the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan, and are considered to be adequate for planning purposes. Maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Town of Easton has significant exposure. These maps are illustrated in the hazard profiles within Section 5.4, Volume I of this Plan.

9.7.9 Additional Comments

None at this time.



Figure 9.7-1. Town of Easton Hazard Area Extent and Location





Action Number:

T. Easton-1

Mitigation Action Name:

Drainage Improvements.

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm
Specific problem being mitigated:	Roadway washout – Drainage sites do not currently meet 50-year storm requirements, causing flood overflow during heavy rain events. This prevents emergency access during periods of heavy rain and flooding, impacting the life and safety of town residents.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	If left unimproved, flooding will persist, leading to roadway washout and increasing risk to life and safety. Relocate roadways that have previously washed out – not feasible
Action/Project Intended for Implementation	
Description of Selected Action/Project	Improve drainage at sites where roads have washed out due to natural hazards in the past including: <ul style="list-style-type: none"> • Valley Falls Rd. • Lee’s Crossing. • Wood Rd. • Wright Rd. • Verbeck Ave. • Hoag Rd. • East of Beadle Hill Rd.
Mitigation Action Type	Structure and Infrastructure Project (SIP)
Goals Met	Goal 1: Protect Life and Property Goal 4: Provide for Emergency Services
Applies to existing and or new development, or not applicable	N/A
Benefits (losses avoided)	High – reduce risk of washout, and improve public safety
Estimated Cost	Medium
Priority*	Medium
Plan for Implementation	
Responsible Organization	Town Highway Department
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	Town Budget, County
Timeline for Completion	Short (1 to 5 years)
Reporting on Progress	
Date of Status Report/ Report of Progress	No progress; New project



Action Number: T. Easton-1
 Mitigation Action Name: Drainage Improvements.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Will ensure through access for motorists, including emergency services personnel
Property Protection	0	
Cost-Effectiveness	1	Reduced future losses to the roadway and hindrance to transportation system are greater than the cost to implement the project
Technical	1	Project is technically feasible
Political	0	
Legal	1	Town has legal jurisdiction over the physical project location
Fiscal	0	
Environmental	0	No known environmental impacts
Social	0	No known social impacts
Administrative	1	Town has administrative capability to manage the work
Multi-Hazard	1	Flood, Severe Storm
Timeline	1	Can be completed within 5 years
Agency Champion	0	
Other Community Objectives	0	
Total	7	
Priority (H/M/L)	Medium	



Action Number:

T. Easton - 2

Mitigation Action Name:

Update Village Comprehensive Plan.

Assessing the Risk	
Hazard(s) addressed:	All hazards
Specific problem being mitigated:	The Comprehensive Plan does not currently address hazard identification, risk assessment, or mitigation goals. This prevents hazard assessment information from being incorporated into future land use and other elements.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	No action - Current problem persists. Update the Comprehensive Plan without incorporating results and guidance from the Hazard Mitigation Plan – problem persists.
Action/Project Intended for Implementation	
Description of Selected Action/Project	Use the results and guidance from the Hazard Mitigation Plan to aid in updating the Comprehensive Plan to include flood overlay district and to integrate the risk assessment and recommendations of the hazard mitigation plan with the comprehensive plan. This ensures that hazard assessments are incorporated into future land use and other elements of the comprehensive plan.
Mitigation Action Type	Local Plans and Regulations (LPR)
Goals Met	Goal 1: Protect Life and Property Goal 4: Provide for Emergency Services Goal 5: Encourage the development and implementation of long-term, cost-effective, and resilient mitigation projects to preserve or restore the functions of natural systems.
Applies to existing and or new development, or not applicable	Both
Benefits (losses avoided)	Medium
Estimated Cost	Low
Priority*	High
Plan for Implementation	
Responsible Organization	Town Board
Local Planning Mechanism	Hazard Mitigation, Comprehensive Planning
Potential Funding Sources	Local Budget
Timeline for Completion	Short
Reporting on Progress	
Date of Status Report/ Report of Progress	No progress; new project



Action Number:
Mitigation Action Name:

T. Easton - 2
Update Village Comprehensive Plan.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	0	
Fiscal	1	
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	Completed within 5 years of start of project
Agency Champion	0	
Other Community Objectives	0	
Total	9	
Priority (H/M/L)	High	



Action Number:

T. Easton-3

Mitigation Action Name:

Culvert Improvements.

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm
Specific problem being mitigated:	The culverts in the town are all undersized and/or failing. This leads to road washouts, roadway flooding, and subsequent damage. This also impacts the life and safety of residents in the event of an emergency if roadways are closed and emergency vehicles cannot access parts of the town.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	If left unimproved, flooding of roadway will persist, potentially leading to washout. Relocate roadways and buildings subject to flooding due to culverts – costly, not feasible
Action/Project Intended for Implementation	
Description of Selected Action/Project	Clean and reshape all ditches and culverts in the Town to meet 50-year storm requirements and reduce flooding overflow. This will allow for continuity of operations, reduction in flood damage in the town, and protect the life and safety of residents.
Mitigation Action Type	Structure and Infrastructure Project (SIP)
Goals Met	Goal 1: Protect Life and Property Goal 4: Provide for Emergency Services
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	High – reduce risk of washout, and improve public safety on roadway
Estimated Cost	Medium to High
Priority*	Medium
Plan for Implementation	
Responsible Organization	Town Highway Department
Local Planning Mechanism	Hazard Mitigation, Capital Improvement
Potential Funding Sources	FEMA (HMGP, FMA, PDM), County, Local Budget, Bridge NY
Timeline for Completion	Short (1 to 5 years)
Reporting on Progress	
Date of Status Report/ Report of Progress	No progress; New project



Action Number:
Mitigation Action Name:

T. Easton-3
Culvert Improvements.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Will ensure through access for motorists, including emergency services personnel
Property Protection	1	
Cost-Effectiveness	1	Reduced future losses to the roadway and hindrance to transportation system are greater than the cost to implement the project
Technical	1	The project is technically feasible
Political	0	
Legal	1	The Town has legal jurisdiction over the culverts listed
Fiscal	0	
Environmental	0	No known environmental impacts
Social	0	No known social impacts
Administrative	1	Town has administrative capability to manage the work
Multi-Hazard	1	Flood, Severe Storm
Timeline	1	Can be completed within 5 years
Agency Champion	0	
Other Community Objectives	0	
Total	8	
Priority (H/M/L)	Medium	



Action Number:

T. Easton - 4

Mitigation Action Name:

Purchase excavation equipment and construct storage facility.

Assessing the Risk	
Hazard(s) addressed:	Flood, severe storm
Specific problem being mitigated:	The town currently does not have equipment to aid in improving the drainage in the community. Without this equipment, the work that needs to be done on the drainage areas cannot be completed. Additionally, the town does not have a storage area to store the equipment when not in use.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	No action - Current problem persists. Request county equipment – not feasible. Rent the equipment when needed – not feasible at it is costly to rent and the town will not have the equipment on hand when needed.
Action/Project Intended for Implementation	
Description of Selected Action/Project	Purchase excavation equipment to provide for local personnel to conduct the drainage improvement. Construct a storage facility for the equipment. The facility will be located at the highway department barn. This project will be completed in coordination with the Towns of Easton, Cambridge, White Creek, and Jackson.
Mitigation Action Type	Structure and Infrastructure Project (SIP) Natural Systems Protection (NSP)
Goals Met	Goal 1: Protect Life and Property Goal 4: Provide for Emergency Services
Applies to existing and or new development, or not applicable	N/A
Benefits (losses avoided)	High
Estimated Cost	Med-High
Priority*	Medium
Plan for Implementation	
Responsible Organization	Town Highway Department, County with support from the Towns of Easton, Cambridge, White Creek, and Jackson
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	FEMA (HMGP, PDM), County, Local Budget
Timeline for Completion	Short Term
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: 6/01/2017 Progress on Action/Project: Coordinate with Towns of Cambridge, White Creek, and Jackson on equipment purchase



Action Number:

T. Easton - 4

Mitigation Action Name:

Purchase excavation equipment and construct storage facility.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	0	
Fiscal	0	Need to obtain funding
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	1	Flood, severe storm
Timeline	0	
Agency Champion	0	
Other Community Objectives	0	
Total	6	
Priority (H/M/L)	Medium	



Action Number:

T. Easton - 5

Mitigation Action Name:

Institute a purchasing plan/capital improvements plan to ensure greatest needs are addressed with available funding.

Assessing the Risk	
Hazard(s) addressed:	Flood, severe storm, severe winter storm
Specific problem being mitigated:	Town does not have a purchasing plan/capital improvements plan. By not having one, the town does not have a formal identification of capital projects and equipment purchases or a planning schedule and financing options for these projects and equipment.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	No action - Current problem persists. Include funding in municipal budget for purchasing – not preferred solution
Action/Project Intended for Implementation	
Description of Selected Action/Project	Develop a purchasing plan/capital improvements plan that will include funding for mitigation projects if needed. By having a plan in place, the town will have a planning fiscal management tool that will help coordinate, time and finance capital improvement projects and equipment over a multi-year period.
Mitigation Action Type	Local Plans and Regulations (LPR)
Goals Met	Goal 1: Protect Life and Property Goal 4: Provide for Emergency Services
Applies to existing and or new development, or not applicable	N/A
Benefits (losses avoided)	High
Estimated Cost	Low
Priority*	High
Plan for Implementation	
Responsible Organization	Town Board, Town Highway Department
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	Local Budget
Timeline for Completion	Short
Reporting on Progress	
Date of Status Report/ Report of Progress	No progress; new project



Action Number:
Mitigation Action Name:

T. Easton - 5
 Institute a purchasing plan/capital improvements plan to ensure greatest needs are addressed with available funding.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	0	
Fiscal	0	Town currently does not have a purchasing plan/capital improvements plan
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	
Agency Champion	0	
Other Community Objectives	0	
Total	8	
Priority (H/M/L)	High	



Action Number:

T. Easton - 6

Mitigation Action Name:

Send local staff members to attend trainings and conferences.

Assessing the Risk	
Hazard(s) addressed:	Flood, severe storm
Specific problem being mitigated:	Staff members have not been formally trained on Floodplain Administration.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	No action - Current problem persists. Hire trainers to come to Town to train staff on site - costly
Action/Project Intended for Implementation	
Description of Selected Action/Project	Send local Floodplain Administrator to County and State trainings and to complete certification programs with respect to floodplain management. Also provide continuing education and training to ensure code enforcement and proper inspections. This ensures the best understanding of floodplain management in the community and keeps staff up-to-date in their duties.
Mitigation Action Type	Education and Awareness Programs (EAP)
Goals Met	Goal 2: Increase Public Awareness
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	Medium
Estimated Cost	Low
Priority*	High
Plan for Implementation	
Responsible Organization	Town Board, County Public Safety
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	Local Budget
Timeline for Completion	Short
Reporting on Progress	
Date of Status Report/ Report of Progress	No progress; new project



Action Number: T. Easton - 6
 Mitigation Action Name: Send local staff members to attend trainings and conferences.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	0	
Fiscal	1	Municipal budget, staff time
Environmental	1	
Social	0	
Administrative	1	Staff who work in floodplain management
Multi-Hazard	1	
Timeline	1	
Agency Champion	0	
Other Community Objectives	0	
Total	10	
Priority (H/M/L)	High	



Action Number:

T. Easton - 7

Mitigation Action Name:

Send Town staff to county and state trainings.

Assessing the Risk	
Hazard(s) addressed:	All Hazards
Specific problem being mitigated:	Staff members have not been formally trained in these fields of Benefit Cost Analysis (BCA), Recovery Planning, Damage Estimates, or Debris Management. Without this knowledge, the town needs to rely on outside resources during and after a disaster strikes.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	No action - Current problem persists. Hire trainers to come to Town to train staff on site - costly
Action/Project Intended for Implementation	
Description of Selected Action/Project	Send Town staff to county and state trainings on regulatory requirements for natural hazard risk management, and encourage certification programs with respect to hazard risk management in Benefit Cost Analysis (BCA), Recovery Planning, Damage Estimates, and Debris Management. Certifications and trainings for hazard risk management will allow for staff members to properly address hazards of concern, mitigation opportunities, and provide assistance to the community before, during and after a disaster.
Mitigation Action Type	Local Plans and Regulations (LPR) Education and Awareness Programs (EAP)
Goals Met	Goal 2: Increase Public Awareness Goal 3: Encourage Partnerships
Applies to existing and or new development, or not applicable	N/A
Benefits (losses avoided)	Medium
Estimated Cost	Low – Staff Time
Priority*	High
Plan for Implementation	
Responsible Organization	Town Highway Department, Code Enforcement, County
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	Local Budget
Timeline for Completion	Ongoing
Reporting on Progress	
Date of Status Report/ Report of Progress	No progress; new project



Action Number: T. Easton - 7
 Mitigation Action Name: Send Town staff to county and state trainings.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	0	
Fiscal	0	Need to obtain funding
Environmental	0	
Social	0	
Administrative	1	Municipal staff who work with natural hazard risks and emergency management
Multi-Hazard	1	All hazards
Timeline	1	
Agency Champion	0	
Other Community Objectives	0	
Total	7	
Priority (H/M/L)	High	