



9.7 TOWN/VILLAGE OF EAST ROCHESTER

This section presents the jurisdictional annex for the Town/Village of East Rochester.

9.7.1 Hazard Mitigation Plan Point of Contact

These individuals are the hazard mitigation plan’s primary and alternate points of contact.

Primary Point of Contact	Alternate Point of Contact
Fred Ricci, Mayor 317 Main St., E. Rochester, NY, 14445 585-586-3553 E-mail: fricci@astrochester.org	Martin G. D’Ambrose 317 Main Street, East Rochester, NY 14445 B: 585-586-3553 C: 585-754-4414 E-mail: mdambrose@astrochester.org

9.7.2 Municipal Profile

The Town/Village of East Rochester is southeast of the City of Rochester in the eastern portion of Monroe County. The municipality has a land area of 1.4 square miles, and is bordered by the towns of Pittsford to the west, Perinton to the east, and Penfield to the north. Irondequoit Creek runs along the eastern edge of the Town/Village, and is the most significant waterway in the jurisdiction.

The municipality was first established in 1897 as the Village of Despatch, but was reincorporated in 1906 as the Village of East Rochester, emphasizing its proximity to the City of Rochester. In 1982, the residents of the village voted to become a coterminous town and village. The population of the municipality is 6,587, according to the 2010 U.S. Census.

Growth/Development Trends

Table 9.7-1 summarizes recent residential/commercial development from 2010 to present and any known or anticipated major residential/commercial development and major infrastructure development identified for the next 5 years.

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 Zones	Description/Status of Development
Recent Development from 2010 to present					
Private Home	Res.	1	329 Magnolia Ave.	None	Complete 2011
Family First of NY Federal CU	Commercial	1	375 Fairport Rd.	None	Complete 2014
Private Home	Res.	1	229 East Chestnut St.	None	Complete 2011
Pond Bridge Development	Res.	5	16 Pond Bridge Way 20 Pond Bridge Way 24 Pond Bridge Way 23 Pond Bridge Way 19 Pond Bridge Way	None	Complete 2010
Silverwood/Waterworks Development	Res.	51	3-31 Silverwood Cir.; 65-107 Waterworks Dr.	None	Complete 2011-2014
Known or Anticipated Development in the Next Five (5) Years					
None					

* Only location-specific hazard zones or vulnerabilities identified.



9.7.3 Natural Hazard Event History Specific to the Municipality

Monroe 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 in each of the hazard profiles and includes a chronology of events that affected the County and its municipalities. For this plan update, to the extent possible, all events that occurred in the County were summarized to indicate the range and impact of hazard events. Information regarding specific damages is included, if available, based on reference material or local sources. This information is in Table 9.7-2. 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 Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
May 8, 2010	High Wind	N/A	N/A	No damage
April 26 – May 8, 2011	Severe Storms, Flooding, Tornadoes, and Straight-line Winds	DR-1993	No	No damage
January 17, 2012	High Wind	N/A	N/A	No damage
February 24, 2012	High Winds	N/A	N/A	No damage
October 27 – November 8, 2012	Hurricane Sandy	EM-3351	Yes	No damage
June 26 – July 11, 2013	Severe Storms and Flooding	DR-4129	No	No damage
December 21, 2013	Ice Storm	N/A	N/A	No damage
March 12, 2014	Blizzard	N/A	N/A	No damage
May 13-22, 2014	Severe Storms and Flooding	DR-4180	No	No damage
July 28, 2014	Flash Flood	N/A	N/A	No damage
November 17-26, 2014	Severe Winter Storm, Snowstorm, and Flooding	DR-4204	No	No damage
June 10, 2015	Thunderstorm Wind/ Hail	N/A	N/A	No damage
August 20, 2015	Flash Flooding	N/A	N/A	No damage

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/Village of East Rochester. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

Hazard Risk/Vulnerability Risk Ranking

Table 9.7-2 summarizes the hazard risk/vulnerability rankings of potential hazards for the Town/Village of East Rochester. The hazards of concern for the Town/Village are those with a High hazard ranking.

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
Severe Storm	Expected Losses from Wind Alone: \$0	Frequent	48	High
Extreme Temperature	Damage Estimate Not Available	Frequent	36	High
Infestation	Damage Estimate Not Available	Frequent	36	High



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
Severe Winter Storm	1% Damage Loss Estimate: \$16,286,514 5% Damage Loss Estimate: \$81,432,569 10% Damage Loss Estimate: \$162,865,139	Frequent	36	High
Utility Failure	Damage Estimate Not Available	Frequent	39	High
Earthquake ^{d, e}	100-year MRP GBS: \$285,345 500-year MRP GBS: \$4,645,739 2,500-year MRP GBS: \$52,900,101 Annualized: \$71,859	Frequent	30	Medium
Hazardous Materials	Damage Estimate Not Available	Frequent	18	Medium
Flood ^d	1% annual chance: \$443,458	Frequent	18	Medium
Terrorism	Damage Estimate Not Available	Frequent	18	Medium
Wildfire	Exposed Value in the WUI: \$13,179,403	Frequent	18	Medium
Drought	Damage Estimate Not Available	Frequent	12	Low
Civil Unrest	Damage Estimate Not Available	Occasional	12	Low
Landslide	Exposed: \$0	Frequent	0	Low

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 15-30
Low = Total hazard risk ranking below 15
 - 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.
- MRP Mean return period
GBS General building stock
WUI Wildland- urban interface



National Flood Insurance Program (NFIP) Summary

Table 9.7-4 summarizes the NFIP statistics for the Town/Village of East Rochester.

Table 9.7-4. NFIP Summary

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Policies in 100-year Boundary (3)
East Rochester (V/T)	0	0	\$0	0	0	0

Source: FEMA Region 2 2015

Notes:

(1) Policies, claims, repetitive loss, and severe repetitive loss statistics provided by FEMA Region 2, and are current as of June 30, 2015. Total number of repetitive loss properties does not include severe repetitive loss properties. Number of claims represents claims closed by June 30, 2015.

(2) Total building and content losses from the claims file provided by FEMA Region 2.

(3) Number of policies inside and outside of flood zones is based on latitude and longitude provided by FEMA Region 2 in the policy file. FEMA noted that for a property with more than one entry, more than one policy may have been in force or more than one Geographic Information System (GIS) specification was possible.

Number of policies and claims, and claims total, exclude properties outside Monroe County boundary, based on provided latitude and longitude coordinates.

T Town
V Village

Critical Facilities

Table 9.7-5 has HAZUS-MH estimates of the damage and loss of use to critical facilities in the community as a result of a 1- and 0.2-percent annual chance floods.

Table 9.7-5. Potential Flood Losses to Critical Facilities

Name	Type	Exposure		Potential Loss from 1% Flood Event	
		1% Event	0.2% Event	Percent Structure Damage	Percent Content Damage
Village of East Rochester DPW	DPW	X	X	26.4	99.7

Source: Monroe County; HAZUS-MH 2.2; FEMA 2015

Note (1): HAZUS-MH 2.2 provides a general indication of the maximum restoration time for 100% operations. Clearly, a great deal of effort is needed to quickly restore essential facilities to full functionality; therefore this will be an indication of the maximum downtime (HAZUS-MH 2.2 User Manual).

Note (2): In some cases, a facility may be in the DFIRM flood hazard boundary; however HAZUS did not calculate potential loss. This may be because the depth of flooding does not amount to any damages to the structure according to the depth damage function used in HAZUS for that facility type. HAZUS-MH may estimate potential damage to a facility that is outside the DFIRM because the model generated a depth grid beyond the DFIRM boundaries.

NA Not available
X Facility located in the DFIRM boundary
- Not calculated by HAZUS-MH 2.2

Other Vulnerabilities Identified

The municipality did not identify any additional vulnerabilities within their community.



9.7.5 Capability Assessment

This section identifies the 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

Table 9.7-6 summarizes the regulatory tools that are available to the Town/Village of East Rochester.

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				
Master Plan	No	-	-	-
Capital Improvements Plan	No	-	-	-
Floodplain Management / Basin Plan	No	-	-	-
Stormwater Management Plan	Yes	Local	DPW	2013
Open Space Plan	No	-	-	-
Stream Corridor Management Plan	No	-	-	-
Watershed Management or Protection Plan	No	-	-	-
Economic Development Plan	No	-	-	-
Comprehensive Emergency Management Plan	Yes	Local	Admin.	2015; Continuity of Government Chapter 11
Emergency Response Plan	Yes	Local	Fire/Police/DPW	2015
Post-Disaster Recovery Plan	Yes	Local	DPW	2011
Transportation Plan	No	-	-	-
Strategic Recovery Planning Report	No	-	-	-
Other Plans	No	-	-	-
Regulatory Capability				
Building Code	Yes	Local	Building Department	2012; Building Construction and Fire Prevention Chapter 67
Zoning Ordinance	Yes	Local	Building Department	2012; Zoning Chapter 193
Subdivision Ordinance	Yes	Local	Building Department	2012; Subdivision Regulations Chapter 164
NFIP Flood Damage Prevention Ordinance	Yes	Local	Building Department	Flood Damage Prevention Chapter 99



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.)
NFIP: Cumulative Substantial Damages	No	-	-	-
NFIP: Freeboard	Yes	State, Local	-	State mandated Base Flood Elevation (BFE)+2 for single and two-family residential construction, BFE+1 for all other construction types
Growth Management Ordinances	No	-	-	-
Site Plan Review Requirements	Yes	Local	Bldg.	2012
Stormwater Management Ordinance	Yes	Local	Bldg.	2010; Stormwater Management Chapter 151
Municipal Separate Storm Sewer System (MS4)	Yes	Local	DPW	County Consortium
Natural Hazard Ordinance	No	-	-	-
Post-Disaster Recovery Ordinance	No	-	-	-
Real Estate Disclosure Requirement	Yes	State		NYS mandate, Property Condition Disclosure Act, NY Code – Article 14 §460-467
Other [Special Purpose Ordinances (i.e., sensitive areas, steep slope)]	N/A	-	-	-

Administrative and Technical Capability

Table 9.7-7 summarizes potential staff and personnel resources available to the Town/Village of East Rochester.

Table 9.7-7. Administrative and Technical Capabilities

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Building Department
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	EMS/County/Fire Department
Technical/Staffing Capability		
Planners or Engineers with knowledge of land development and land management practices	Yes	Parrone/ Building Department
Engineers or Professionals trained in construction practices related to buildings and/or infrastructure	Yes	Engineering/ Building/ DPW
Planners or engineers with an understanding of natural hazards	Yes	Engineering
NFIP Floodplain Administrator	No	N/A





Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Surveyors	Yes	Engineering
Personnel skilled or trained in GIS and/or HAZUS-MH applications	No	-
Scientist familiar with natural hazards	No	-
Emergency Manager	No	-
Grant Writers	Yes	Engineering
Staff with expertise or training in benefit/cost analysis	No	J. O'Connell Grant Writers
Professionals trained in doing damage assessments	No	-

Fiscal Capability

Table 9.7-8 summarizes financial resources available to the Town/Village of East Rochester.

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	Yes
Authority to Levy Taxes for specific purposes	Yes- Sewer
User fees for water, sewer, gas or electric service	Yes
Impact Fees for homebuyers or developers of new development/homes	Yes
Stormwater Utility Fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other Federal or State Funding Programs	Yes
Open Space Acquisition Funding Programs	No
Other	No

Community Classifications

Table 9.7-9 summarizes classifications for community program available to the Town/Village of East Rochester.

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	N/A	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	N/A	-
Public Protection (Insurance Services Office [ISO] Fire Protection Classes 1 to 10)	Yes	Fire Departments	3
Storm Ready	Yes	StormReady County	-
Firewise	No	-	-



Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Disaster/Safety Programs in/for Schools	Yes	Fire Department	Oct 15 Annually
Organizations with Mitigation Focus (advocacy group, non-government)	No	-	-
Public Education Program/Outreach (through website, social media)	Yes	Administration	Ongoing
Public-Private Partnerships	Yes	No	-

N/A = Not applicable. NP = Not participating. - = Unavailable. TBD = To be determined.

The classifications in Table 9.7-9 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 classification is higher if the subject property is more than 1000 feet from a creditable fire hydrant and is within 5 road miles of a recognized Fire Station.

Criteria for classification credits are outlined in:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule
- The ISO Mitigation online ISO’s Public Protection website at <https://www.isomitigation.com/ppc/>
- The National Weather Service Storm Ready website at <http://www.stormready.noaa.gov/index.html>
- The National Firewise Communities website at <http://firewise.org/>

Self-Assessment of Capability

Table 9.7-10 has an approximate measure of the Town/Village of East Rochester’s capability to work in a hazard-mitigation capacity 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
Administrative and Technical Capability			X
Fiscal Capability			X
Community Political Capability		X	
Community Resiliency Capability		X	
Capability to Integrate Mitigation into Municipal Processes and Activities.		X	



National Flood Insurance Program

NFIP Floodplain Administrator (FPA)

Building Inspector

Flood Vulnerability Summary

The Town/Village DPW facility is vulnerable to flooding.

Resources

The FPA issues permits for new construction, fences, signs, additions, etc. ensuring that all Village buildings meet the requirements of the New York State Fire Prevention and Building Code and the Town/Village flood damage prevention ordinance.

The Code Enforcement Officer assists in floodplain management by enforcing all codes proactively and in response to complaints.

The FPA would consider attending continuing education and certification training on floodplain management if it were offered in the County for local floodplain administrators.

Compliance History

The Town/Village is currently in good standing with the NFIP. As of September 30, 2015 there are no policies in force in the Town/Village of East Rochester and no claims have been made since 1978.

Regulatory

The Town/Village of East Rochester floodplain management regulations/ordinances meet, but do not exceed the FEMA and State minimum requirements.

Other local ordinances, plans or programs (e.g., site plan review) that support floodplain management include the maintenance of lots ordinance, tree trimming/maintenance program, and the storm sewer/catch basin maintenance program. The planning board or zoning board considers efforts to reduce flood risk when reviewing variances.

Community Rating System

The Town/Village of East Rochester does not participate in the Community Rating System (CRS) program.

Other Capabilities Identified

Previous actions that are now on-going programs and capabilities are (Refer to Table 9.7-11):

- Fire Department
 - Solicit Mutual Aid agreements annually.
 - Encourages residential use of smoke detectors through public education, and give away programs. More than 100 detectors were handed out or installed in senior's homes. The department will seek to secure more funding to expand the program.
- Town/Village Administration
 - Engage emergency service jurisdictions in local municipal government processes using available local budget.



- Building Department
 - Enforces government permit processes and provides comprehensive inspection services as part of its ongoing operations.
 - Enforces building code as required for existing and new infrastructure.
 - Complies with applicable federal and state regulations.
 - Regularly reviews local laws.
 - Reviews emergency plans for public facilities annually to ensure that appropriate measures are considered and referenced.
- Department of Public Works
 - Developed a strategy to reduce the time it takes to clear streets (Rights-of-Way) of debris on an event by event basis.
 - Regularly reviews restoration priorities.
 - Implements an Annual, Tree/Stream Maintenance Program, and will seek to secure more funding to expand the program.
 - Installed permanent backup power supply at public facilities including municipal fueling stations.

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. The community identified specific integration activities that will be incorporated into municipal procedures.

Planning

Land Use Planning: The Town/Village of East Rochester has a Planning Board and Zoning Board of Appeals that review all applications for development and consider natural hazard risk areas. Many development activities require additional levels of environmental review, specifically NYS SEQRA and Federal NEPA requirements. These Boards consider development and share services for the Town of East Rochester and the Village of East Rochester.

Regulatory and Enforcement

Continuity of Government Chapter 11: This chapter makes provisions to ensure continuity of government for the Town/Village of East Rochester if there is an attack on the United States by hostile powers. It authorizes the local government to continue to function efficiently under other emergency circumstances and identifies potential successors, notification of designated successors, and the assumption of duties and powers by an emergency interim successor.

Fire Prevention, Division of Chapter 19: The creation of a Division of Fire Prevention under the Town/Village Fire Department is permitted by the jurisdiction. The responsibilities of this division include prevention fire, investigating the circumstances behind a fire, and providing fire prevention educational materials.

Building Construction and Fire Prevention Chapter 67: The building codes are strictly enforced to make new and renovated buildings as prepared as possible for hazard related incidents. The Town/Village complies with New York State Uniform Fire Prevention and Building Code (the Uniform Code) and State Energy Conservation Construction Code (the Energy Code).



Flood Damage Prevention Chapter 99: This chapter promotes the public health, safety, and general welfare of residents and seeks to minimize public and private losses from floods. The chapter regulates development to promote flood resistant structures and controls the alteration of floodplains to prevent increased vulnerability.

Stormwater Management Chapter 151: The Town/Village’s stormwater management chapter seeks to mediate the adverse impacts of stormwater runoff and channel erosion caused by existing drainage systems. It also controls the degradation of water quality in the Town.

Subdivision Regulations Chapter 164: The Town/Village Board is tasked with site plan/subdivision review (for both the Town and Village of East Rochester). The Town/Village Board pays special attention to ensure that developments create conditions favorable to the health and safety of residents in the Town and Village of East Rochester.

Zoning Chapter 193: The zoning code includes districts and standards pertaining to the district overlay and safety requirements. Although the zoning code does not specifically target hazard mitigation, the chapter does contain a general reference to the flood damage prevention ordinance in the Town/Village.

Fiscal

Operating Budget: The Town/Village’s operating budget contains minimal provisions for expected repairs like snow removal and infrastructure repair after a storm or natural disaster.

Education and Outreach

Town/Village of East Rochester staff attend trainings and classes sponsored by Monroe County Department of Planning and Development, Monroe County Office of Emergency Management, or by state and federal agencies, as able and to meet all professional requirements. Town/Village emergency responders have the option to attend courses at the Monroe County Public Safety Training Facility.

The Town/Village website provides a brief description of emergency services for the Town/Village that includes references to the County Points of Dispensing (POD) plan and the County 9-1-1 system. The East Rochester Fire Department website posts important notices, such as dangerous road conditions and fire locations. Residents have the ability to sign up for reverse 911 cell phone notifications of emergency situations through the Monroe County Emergency Communications Department.

9.7.6 Mitigation Strategy and Prioritization

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

Past Mitigation Initiative Status

Table 9.7-11 indicates progress on the community’s mitigation strategy identified in the 2011 Plan. Actions that are carried forward as part of this plan update are included in the following subsection in Table 9.7-12 with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in Table 9.7-11 and may also be found in the Capability Assessment section.



Table 9.7-11. Past Mitigation Initiative Status

2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
ES-3: Establish an active Recruitment and Retention (of providers) Program.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
ES-4: Stockpile emergency supplies.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
ES-5: Solicit “Mutual Aid” agreements.	Fire	In Progress	Annual agreements	Include Ongoing	Integrated into normal operation
ES-6: Engage emergency service jurisdictions in local municipal government processes.	Administration	In Progress	Local budget	Discontinued	Integrated into normal operation
NRP-1: Ensure proper disposal of Hazardous Waste.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
NRP-2: Enforce government permit processes. This may pertain to existing or new infrastructure.	Building Department	In Progress	Local budget	Include Ongoing	Integrated into normal operation
NRP-3: Provide comprehensive inspection services. This may pertain to existing or new infrastructure.	Building Department	In Progress	Local budget	Include Ongoing	Integrated into normal operation
NRP-4: Administer a Floodplain Management Program. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
NRP-5: Maintain “Urban Forests.”	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
PEA-3: Review Utility Service & restoration plans.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
PEA-4: Identify and use a “Speakers Bureau.”	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
PP-1: Identify special hazard areas.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
PP-2: Maintain public infrastructure. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
PP-3: Solicit inter-municipal and interagency cooperation.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
PP-4: Promote purchase of appropriate hazard insurance policies. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
PP-5: Property acquisition	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
PR-1: Enforce Building Code as required for existing and new infrastructure.	Yes	Local	Ongoing	Discontinue	Local
PR-2: Comply with applicable federal and state regulations.	Yes	Local	Ongoing	Discontinue	Local
PR-5: Regular review of local laws	Yes	Local	As needed	Discontinue	Local
SP-1: Disaster proof public facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
SP-2: Secure and provide redundant critical systems and facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
SP-3: "Target Harden" facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
SP-4: Expand fiber telecommunications networks.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Dam-PEA-1: Churchville Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Dam-PEA-2: Riga Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing and new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
EPI-PR-2: Local Project. Provide HIV screening and public education (Democrat & Chronicle, 7-21-03).	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Fire-ES-1: Local Project. The Henrietta Fire District is developing a Special Operations Unit for Confined Space Rescue, Low and High-Angle Rescue, Water Rescue, and Trench Rescue.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Fire-ES-2: Local Project. Continue to provide Emergency Medical Services to the community. The Churchville Volunteer Fire Department is the first responder agency to all medical emergencies in our	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
community.					
Fire-PEA-1: Local Project. Henrietta Fire District develops and schedules an annual campaign for Fire Prevention using its mobile Fire Safety Trailer and a portable interactive kiosk at schools, community functions, and public facilities.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Fire-PEA-2: Local Project. Churchville Volunteer Fire Department develops and schedules an annual campaign for Fire Prevention at schools, community functions, and public facilities using its interactive displays.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Fire-PP-1: Encourage residential use of smoke detectors through public education, and give away programs. This may pertain to existing and/or new infrastructure.	Fire Dept.	In Progress	Over 100 detectors were handed out or installed in seniors homes	Include	Secure more funding to expand the program
Fire-SP-1: Local Project. Plan, design and develop enhanced, local facilities for on-site specialized emergency training.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-ES-1: Provide Special Operations and Tactical Rescue training including water rescue training	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-ES-4: Churchville Project. Enhance Fire Department Personnel Emergency Notification	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-ES-5: Churchville Project. Provide water rescue training and equipment e.g., Wet Suits and associated	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
equipment.					
FI-PEA-1: Provide information about the Erie Canal and its spillway locations	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-PEA-3: Riga Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-PP-1: Encourage affected property owners to purchase Flood Insurance. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-PP-2: Participate in the federal Community Rating System. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-PP-4: Local Project. Town of Gates Multi-Lot Letter of Map Amendment for more than 100 homes that were mislabeled as residing in flood zones on FEMA maps (Democrat & Chronicle, 1.22.10).	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-PP-5: Local Projects with the U.S. Army Corps of Engineers, "Risk Management Program." Levy inspection, safety analysis and maintenance requirements (SEMO Region V meeting, 7.29.08).	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-PR-1: Implement an annual, "Waterway/Drainage Maintenance" Program	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
FI-PR-5: Local Project. Implement an annual de-silting program in the Town of Henrietta, to increase the storage capacity for storm water detention and retention ponds. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-PR-6: Local Project. Town of Greece drainage study on Fleming and Veness creeks between Latta Road, Windsor Blvd., Denise Road and Dewey Ave. (Democrat & Chronicle, 1.3.10).	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-SP-1: Local Project. Implement mitigation measures for Irondequoit Creek, as identified by the U.S. Army Corps of Engineer’s 2003 proposal, and as agreed by local parties. (Reference – Democrat & Chronicle, 3-2-03). This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-SP-2: Local Project. Implement municipal mitigation measures identified by USGS modeling, proposed by the Storm Water Coalition and agreed by local parties. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-SP-5: Local Project. Design and build a regional detention facility upstream of the Rolling Meadows and Tallwoods Subdivision in the Town of Parma. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
FI-SP-6: Local Project. Town of Parma bridge replacement on Hill Road (Town ROW), over Salmon Creek to raise the bridge approaches from the floodplain, to increase the freeboard elevation, to decrease backwater, and to meet 50-year storm construction	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
standards. This may pertain to existing or new infrastructure.					
FI-SP-7: Local Project. Town of Henrietta replace road culverts to improve flow and reduce flooding potential on Parkmeadow Drive, Tomahawk Trail and Colleen Way. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Ice-ES-1: Develop a strategy to reduce the time it takes to clear streets (Rights-of-Way) of debris	DPW	In Progress	Local	Discontinue	Per event
Ice-ES-2: Regularly review restoration priorities	DPW	In Progress	Local	Discontinue	As needed
Ice-ES-3: Enhance utility Town Liaison Program	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Ice-NRP-1: Churchville Project. Replace trees (forestation) in Village of Churchville that were destroyed by various storm events.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Ice-PEA-2: Develop alternate communications plan	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Ice-PEA-3: Provide automated utility restoration schedule to the public	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Ice-PEA-4: Provide more public outreach during an emergency	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.





2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Ice-PEA-5: Expand utility Customer Service capacity	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Ice-PEA-6: Expand information available on websites	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Ice-PP-1: Encourage installation of backup power supply. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Ice-PR-1: Implement an “Annual, Tree/Stream Maintenance Program”	Yes, Tree Maintenance	In Progress	Local/Grant	Include	Will apply for additional grant funding to assist program
Ice-PR-2: Relocate vulnerable utilities. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Ice-PR-2A: Fairport Electric Project. Relocate vulnerable utilities	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Ice-PR-2B: Fairport Electric Project. Relocate vulnerable utilities	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Ice-PR-3: Develop DPW/DOT Plans for debris clearance, removal, and disposal	Yes	In Progress	Local	Discontinue	Per Event
Ice-PR-4: Lobby state and federal officials to require permanent installation of emergency generators on-site at health care facilities and elderly housing facilities. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Ice-SP-1: Install permanent backup power supply at public facilities. This may pertain to existing or new infrastructure.	Yes	Complete	Local	Discontinue	Completed
Land-PEA-1: Local Project. Promote understanding and use of (telephone number) 811, Call Before You Dig.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Land-PR-1: Local Project. Enact Local Laws: to restrict development on steep slopes; to require property owners and/or mine operators to rehabilitate open mines at closing. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
SC-PR-1: Local Project. Enact Local Laws that require property owners to demolish and remove unsafe structures from their properties. This may pertain to existing or new infrastructure.	Yes	In Progress	Local	Include	Ongoing Priority
Terr-PP-1: Implement a strategy to target harden critical and public facilities. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Terr-PR-1: Provide intelligence to local authorities about legal surveillance and threat assessment activities.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Terr-PR-2: Review emergency plans for public facilities to ensure that appropriate measures are considered and referenced	Yes	In Progress	Updated Plans	Include Ongoing	Will review all facilities annually



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Terr-PR-3: Schools Project. Comply with Project Save regulations for plan review and revision cycles.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Trans-ES-1: Local Project. The Town of Henrietta's Highway Snow & Ice Control Program is testing treated road salt for benefits associated with its application to enhance the capacity of normal road salt.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Trans-PEA-1: Local Project. Provide traffic reports through the local broadcasters	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Trans-PEA-2: Local Project. Provide construction information and project status on sites that impact traffic	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
Util-ES-1: Local Projects. Provide power back-up supply for municipal fueling stations. This may pertain to existing or new infrastructure.	Yes	Completed	No obstacles	Discontinue	Completed
Util-PP-1: Local Utilities Project. Preserve capacity to generate local power and enhance the ability to segregate local supply from the national power grid during major failures, e.g., August 14, 2003. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.
WSC-PR-1: Provide redundant back-up power supply for public supply treatment facilities and system pump stations. This may pertain to existing or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town/Village.



Completed Mitigation Initiatives not Identified in the Previous Mitigation Strategy

The Town/Village of East Rochester has not completed any mitigation projects/activities not identified in the previous mitigation strategy in the 2011 Plan.

Proposed Hazard Mitigation Initiatives for the Plan Update

FEMA Region II led a meeting for all Monroe County municipalities in November 2015 to discuss the purpose, goals, and long term benefits of identifying mitigation actions to include in the updated HMP. FEMA provided handouts on creating a functionally diverse jurisdictional planning team, guidance for identifying integration actions, and guidelines for completing an action worksheet for jurisdictions to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards.

Monroe County hosted two Annex Workshops in December 2015 to assist municipalities in completing their jurisdictional annexes, including identifying mitigation projects and developing Action Worksheets. All jurisdictions were provided with a set of sample mitigation actions that satisfied County goals of addressing all hazards and representing all six CRS categories, along with a refresher instruction sheet on how to complete an action worksheet, and an example of a completed action worksheet.

In January, Monroe County jurisdictions were provided the results of the municipal risk assessment to further assist with the development of their mitigation strategy. Throughout the planning process, jurisdictions had access to mitigation planners who were available to assist with the development of the jurisdictional annexes, including the mitigation strategy and action worksheets, as necessary.

Table 9.7-12 summarizes the comprehensive-range of specific mitigation initiatives the Town/Village of East Rochester would like to pursue to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives depend on available funding (grants and local match availability) and may be modified or omitted at any time because 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 Table 9.7-12 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. Table 9.7-12 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*	Hazards Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
TVER-1	Evaluate the flood vulnerability of the Town/Village Public Works facility and identify feasible mitigation actions to reduce risk to the 0.2 percent annual chance flood.	Existing	Flood	1, 3	FPA; Engineer	High	Low	General fund (staff time)	1 year	High	SIP	PP
TVER-2	Flood mitigation at the DPW garage – protect the garage to the 0.2% annual chance floodplain.	Existing	Flood	2, 3	Town/Village of East Rochester Department of Public Works	High	Medium	CDBG/CDBG-DR (HUD), PDM (FEMA), HMGP (FEMA), FMA (FEMA), Local budget	Short-Term, DOF	High	SIP	SP
TVER-3	Secure additional funding to expand fire detector hand-out and installation program.	Both	Wildfire, Utility Failure, Severe Storm	3, 4	Fire Dept., CDBG (HUD)	High	Low	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Short-Term	High	EAP	PR PI ES
TVER-4	Apply for additional funding to enhance the tree maintenance and clearing program, or coordinate with utility companies to ensure tree maintenance	N/A	Extreme temperature, Infestation (Emerald Ash Borer), Severe Storm, Severe Winter Storm, Wildfire, Utility Failure	1, 2, 3	Town/Village of East Rochester Department of Public Works	Medium	Low	Local budget, Environmental Solutions for Communities (National Fish and Wildlife Foundation), CDBG (HUD), Urban And Community Forestry Grants (NY DEC)	Short-Term	High	NSP	PR NR
TVER-5	Enact Local Laws that require property owners to demolish and remove unsafe structures from their properties.	Existing	Severe Storm, Severe Winter Storm, Wildfire, Flood, Haz Mat, Terrorism, Civil Unrest	2, 3	Town/Village of East Rochester Department of Public Works, Planning Board	High	Medium	Local budget	Unknown	High	LPR	PP ES





Table 9.7-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazards Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
TVER-6	Attend County and State trainings and complete certification programs with respect to hazard risk management in BCA, Recovery Planning, Damage Estimates, and Debris Management.	N/A	All Hazards	1, 4	Monroe County, Town/Village EMC, Building, Highway, Code Enforcement, Planning	Medium	Low – Staff Time	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Ongoing	High	EAP	PI
TVER-7	Send local Floodplain Administrator to County and State trainings and complete certification programs with respect to floodplain management.	N/A	All Hazards	1, 4	Town FPM, Building Department	Medium	Low – Staff Time	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Short Term	Medium	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
- NYS DHSES New York State Division of Homeland Security and Emergency Services
- 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)
- SRL Severe Repetitive Loss Grant Program (discontinued)

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





Acronyms and Abbreviations:

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

- 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 reapportionment 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.

Potential FEMA HMA Funding Sources:

Timeline:

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
TVER-1	Evaluate the flood vulnerability of the Town/Village Public Works facility and identify feasible mitigation actions to reduce risk to the 0.2 percent annual chance flood.	1	1	1	0	1	1	0	1	1	1	0	1	0	1	10	High
TVER-2	Flood mitigation at the DPW garage – protect the garage to the 0.2% annual chance floodplain.	0	1	1	1	0	1	1	0	0	1	1	1	1	0	9	High
TVER-3	Secure additional funding to expand fire detector hand-out and installation program.	1	1	1	1	0	1	1	0	1	1	1	1	1	0	11	High
TVER-4	Apply for additional funding to enhance the tree maintenance and clearing program, or coordinate with utility companies to ensure tree maintenance	1	1	1	1	0	1	1	1	0	1	1	1	0	0	10	High
TVER-5	Enact Local Laws that require property owners to demolish and remove unsafe structures from their properties.	1	0	1	1	0	0	1	1	1	0	1	0	1	1	9	High
TVER-6	Attend County and State trainings and complete certification programs with respect to hazard risk management in BCA, Recovery Planning, Damage Estimates, and Debris Management.	0	1	1	1	0	1	1	1	0	1	1	1	0	0	9	High
TVER-7	Send local Floodplain Administrator to County and State trainings and complete certification programs with respect to floodplain management.	0	0	1	0	0	1	1	0	0	1	0	1	1	0	6	Medium



Note: Refer to Section 6 that has the guidance on prioritizing mitigation actions. Mitigation actions being carried forward from prior strategies have either retained their prioritization (shown by “-“ within updated prioritization criteria), or have been re-prioritized at the discretion of the jurisdiction if they believe re-evaluation is appropriate due to changed conditions since the original prioritization.



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 were generated for the Town/Village of East Rochester illustrating the probable areas impacted. These maps are based on the best currently available data, and are considered to be adequate for planning. Maps have only been generated for those hazards (i.e., landslide, wildfire, and flooding) that can be clearly identified using mapping techniques and technologies, and for which the Town/Village of East Rochester has significant exposure. These maps are illustrated in the hazard profiles in Section 5.4, Volume I of this Plan.

9.7.9 Additional Comments

None at this time.



Figure 9.7-1. Town/Village of East Rochester Landslide and Wildfire Hazard Area Extent and Location Map

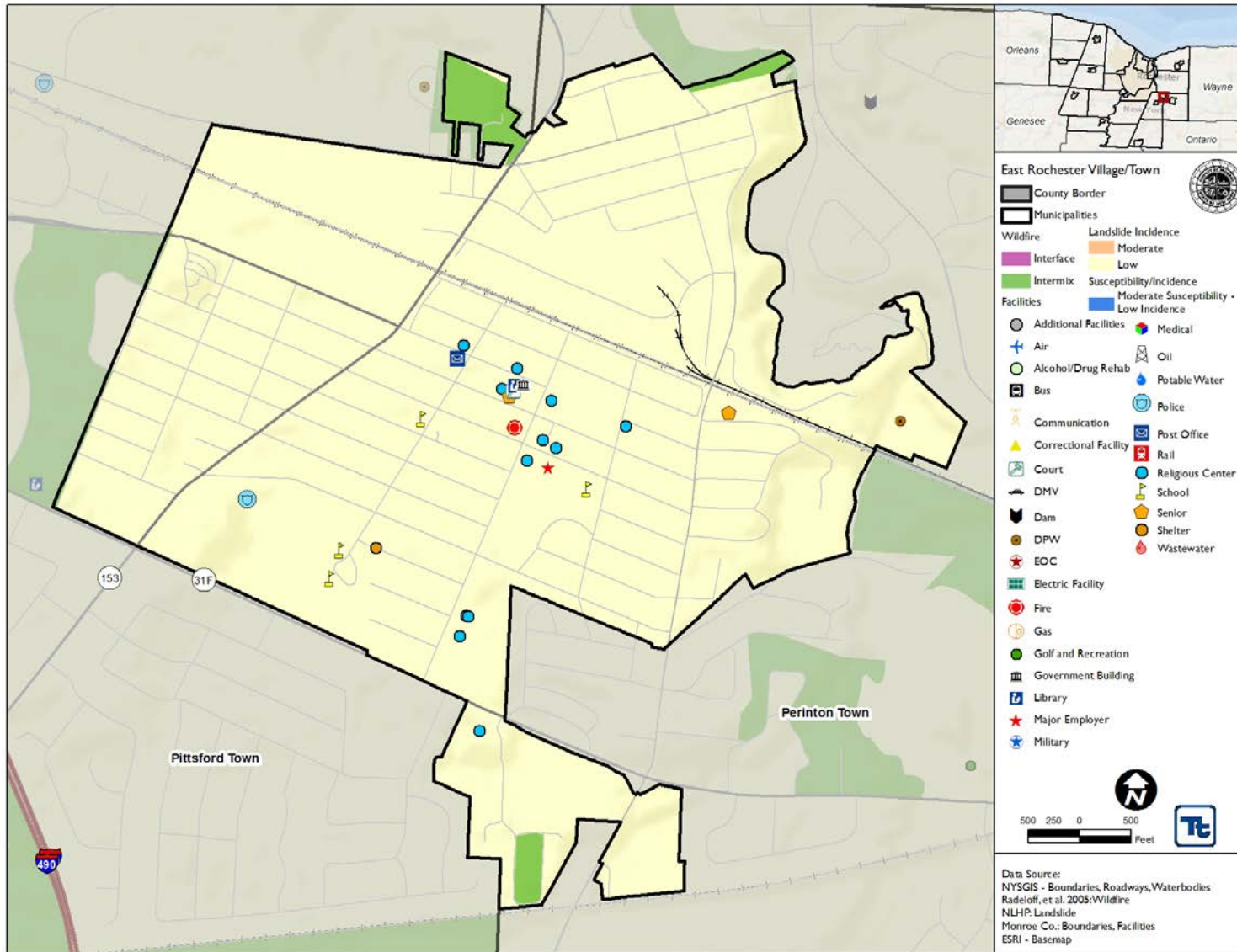
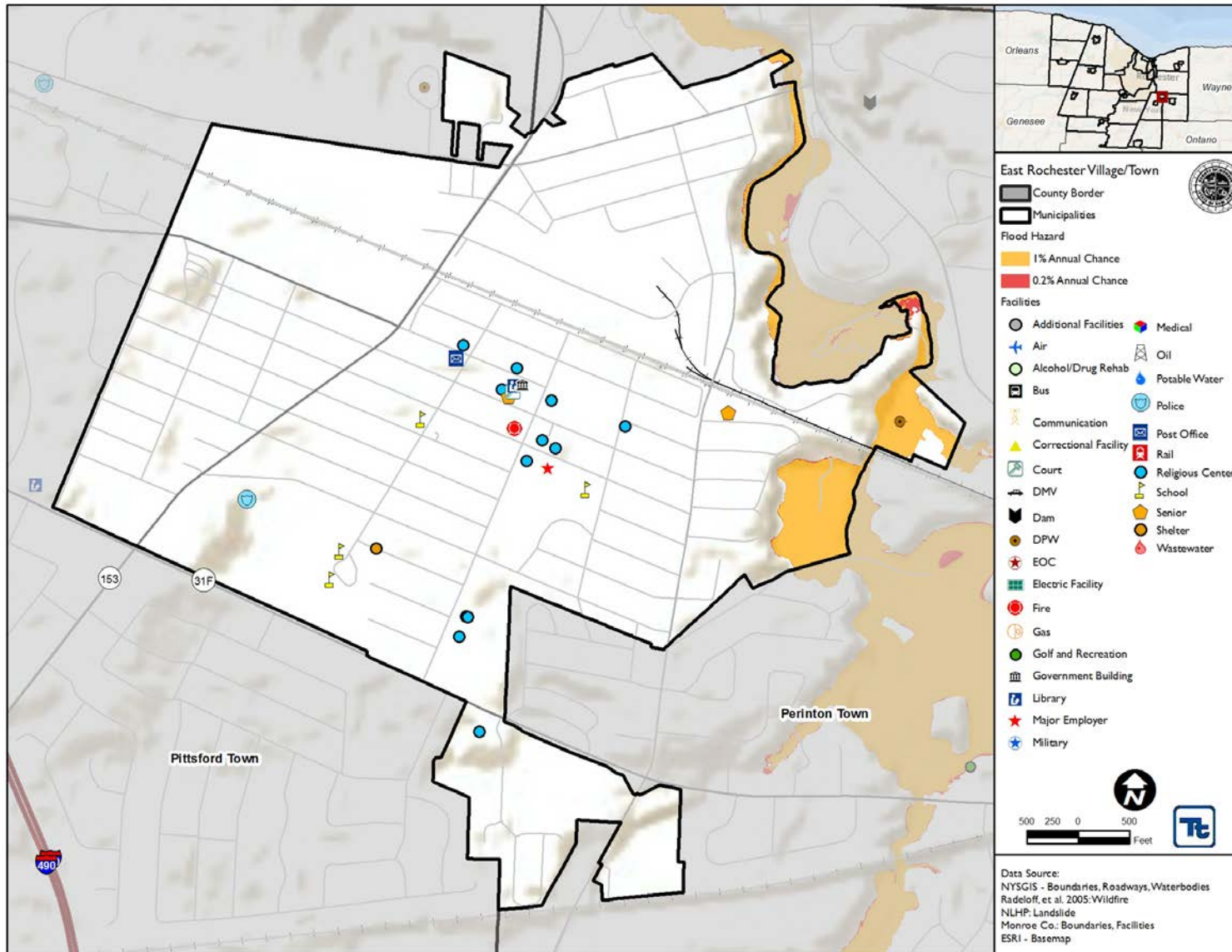




Figure 9.7-2. Town/Village of East Rochester Hazard Area 1% and 0.2% Floodplain Map





Name of Jurisdiction: Town/Village of East Rochester

Name and Title Completing Worksheet: _____

Action Number: TVER-1

Mitigation Action Name: Evaluate the flood vulnerability of the Town/Village Public Works facility and identify feasible mitigation actions to reduce risk to the 0.2 percent annual chance flood.

Assessing the Risk	
Hazard(s) addressed:	Flooding
Specific problem being mitigated:	The Town/Village Public Works Facility is located in the floodplain and is subject to flood damages.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	<ol style="list-style-type: none"> 1. Do nothing (does not reduce flood loss) 2. Construct flood control structure to prevent flood losses (cost prohibitive) 3. Relocate structure (cost prohibitive)
Action/Project Intended for Implementation	
Description of Selected Action/Project	Evaluate the flood vulnerability of the Town/Village Public Works facility and identify feasible mitigation actions to reduce risk to the 0.2 percent annual chance flood.
Mitigation Action Type	SIP
Goals Met	1, 3
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	High (avoid/minimize flood losses)
Estimated Cost	Low
Priority*	High
Plan for Implementation	
Responsible Organization	Floodplain Administrator; Engineer
Local Planning Mechanism	Normal operations
Potential Funding Sources	General fund (staff time)
Timeline for Completion	1 year
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:



Action Number:

TVER-1

Mitigation Action Name:

Evaluate the flood vulnerability of the Town/Village Public Works facility and identify feasible mitigation actions to reduce risk to the 0.2 percent annual chance flood.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	0	
Political	1	
Legal	1	
Fiscal	0	
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	
Timeline	1	
Agency Champion	0	
Other Community Objectives	1	
Total	10	
Priority	High	



Name of Jurisdiction: Town/Village of East Rochester

Name and Title Completing Worksheet: _____

Action Number: TVER-2

Mitigation Action Name: Flood mitigation at the DPW garage

Assessing the Risk	
Hazards addressed:	Flood
Specific problem being mitigated:	Flood damage at DPW garage
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Elevate the structure – not practical due to the nature of the operations, truck maintenance, etc. Relocate garage services to another structure or a new structure at a location not vulnerable to flooding. Install flood barriers
Action/Project Intended for Implementation	
Description of Selected Action/Project	Relocate utilities and equipment critical to the structure itself to above the 0.2% annual chance flood level, and floodproof the structure to at least that level.
Mitigation Action Type	SIP
Goals Met	2, 3
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	Provides for the long-term prevention of property damage as a result of flooding, and maintains operability of a critical facility.
Estimated Cost	Medium
Priority*	High
Plan for Implementation	
Responsible Organization	Town/Village of East Rochester Department of Public Works
Local Planning Mechanism	Capital Improvements, DPW Operations
Potential Funding Sources	CDBG/CDBG-DR (HUD), PDM (FEMA), HMGP (FEMA), FMA (FEMA), Local budget
Timeline for Completion	Short-Term, DOF
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:



Action Number:

TVER-2

Mitigation Action Name:

Flood mitigation at the DPW garage

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	Flooding does not appear to present a risk to life or injury
Property Protection	1	Control of flooding reduces property damage
Cost-Effectiveness	1	Cost of improvements will be less than cost of repetitive repairs.
Technical	1	The action is technically feasible
Political	0	
Legal	1	Town/Village has jurisdiction over the property.
Fiscal	1	Work may be completed within current budget constraints.
Environmental	0	No positive or negative impacts at this point
Social	0	No adverse effect
Administrative	1	The work gets completed with staff
Multi-Hazard	1	Reduces hazards from flooding, but increases municipal capability in responding to other hazards
Timeline	1	It's possible to complete the project in 5 years
Agency Champion	1	DPW
Other Community Objectives	0	
Total	9	
Priority (High, Med, or Low)	High	