



9.30 Village of Webster

This section presents the jurisdictional annex for the Village of Webster.

9.30.1 Hazard Mitigation Plan Point of Contact

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

Primary Point of Contact	Alternate Point of Contact
Jake Swingly, Superintendent of Public Works 28 West Main Street, Webster, NY 14580 585-265-3770 ext. 115 jswingly@villageofwebster.com	Will Barham, Building Inspector/Code Enforcement Officer/Assistant Superintendent of Public Works 28 West Main Street, Webster, NY 14580 585-265-3770 Ext. 116 whbarham@villageofwebster.com

9.30.2 Municipal Profile

The Village of Webster covers 2.2 square miles of land at the core of the Town of Webster, in the northeastern quadrant of Monroe County. Population of the village is 5,399, according to the 2010 census.

Incorporated as a village in 1905, the Village of Webster has been the commercial center of the Town of Webster since the first businesses were erected on historic Ridge Road in 1812. The settlement’s location at the junction of Ridge Road and Webster Nine-Mile Point Road was a natural commercial node, connecting shipping points on the Erie Canal and the New York Central Railroad with a small Lake Ontario port, and thus it soon became known as the “Village.” In 1900, when roughly 800 people and many businesses were concentrated in the Village, the first post-civil war bank was established, and a new Rochester-Sodus Bay Trolley connected the Village to the bustling economy of Rochester, resulting in a major expansion of the Village residential area. Before long, the Village had a post office, library, numerous banks, and government offices, and was the focus of social and community life in Webster. Once incorporated, the Village Board also drafted numerous ordinances and laws, and began providing several public utilities and services to Village residents. The Village also operated a municipal water system that drew groundwater from its own wellfield, part of the pre-glacial Irondo-Genesee Aquifer.

While no longer a hub for agricultural trade, present-day Village of Webster remains a cultural, social, and economic heart of the area. Residents and businesses have access to ample transportation, as the Village is crossed by Routes 104, 250, and 404. The Village’s 2011 Comprehensive Plan envisions the Village’s future, highlighting goals such as protecting existing wooded lots and improving the Village’s water treatment and wastewater treatment capacities. Both of these goals would benefit natural hazard mitigation capabilities in the Village for years to come.

Growth/Development Trends

Table 9.30-1 below summarizes recent residential/commercial development in the Village of Webster since 2010, and lists any known or anticipated major residential/commercial development and major infrastructure development slated within the next 5 years within the municipality. Refer to the maps following Section 9.30-9 of this annex: Figure 9-30-1 illustrates landslide and wildfire hazard areas, and Figure 9-30-2 is a floodplain map.





Table 9.30- 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					
Webster Fire Hall	Commercial	1	35 South Ave.	None	(2010) Complete
Village Walk Town Houses	Residential	21 Units	Salori Court Kittelberger Park 129 Breno Dr. Carriage Path Ct. West Salori Ct. Barrett Drive	None	(2010) Complete
Scenic Village	Residential	72 Units	Kittelberger Park	None	(2010) Complete
North Ponds Community Center	Commercial/Residential	1	129 Breno Dr.	None	(2011) Complete
Carriage Path Court	Residential	14 Units	Carriage Path Ct.	None	(2011) Complete
Village Path Extension	Residential	38 Units	West Salori Ct. Barrett Drive	None	(2014) Under Construction
Medical Office Park	Commercial	2	55 Barrett Drive	None	(2014) 1 Building complete
Known or Anticipated Development in the Next Five (5) Years					
North Ponds Apts. Phase 4	Residential	68 Units	North Ave. & Kittelberger	None	(2015) Proposed

Note: Only location-specific hazard zones or vulnerabilities are identified.

9.30.3 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 appears in each hazard profile, and includes a chronology of events that have affected the County and its municipalities. For the purpose of this Plan update, to the extent possible, all events that have occurred in the County 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 appears in Table 9.30-2 below. For details of these and additional events, refer to Volume I, Section 5.0 of this Plan.

Table 9.30- 2. Hazard Event History

Dates of Event	Event Type	Federal Emergency Management Agency (FEMA) Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
May 8, 2010	High Wind	Not applicable (N/A)	N/A	Tree cleanup cost.
April 26 - May 8, 2011	Severe storms, flooding, tornadoes, and straight-line winds	DR-1993	No	Clean up tree damage and flooding.





Dates of Event	Event Type	Federal Emergency Management Agency (FEMA) Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
October 27 – November 8, 2012	Hurricane Sandy	EM-3351	Yes	<p>In preparation for Hurricane Sandy, Department of Public Works (DPW) staff stayed late on Friday and continued to pick up leaves. They came in on Saturday morning as well to collect leaves. This was an effort to minimize flooding, as the Weather Service was predicting 3-5 inches of rain as late as Sunday. We also sought to maximize return on staff work, as staff can pick up a lot more dry leaves than wet leaves with the same effort. As a result of their hard work and some luck, we worked only 1 overtime hour during and after the event.</p> <p>The head of DPW drove back and forth, periodically checking the Village from 5:15 p.m. until approximately 11:30 p.m., and continued to monitor the fire channels in the Village for problems until 4 a.m. (our phones went out around 11 p.m.)..</p> <p>Overtime was necessary in DPW for storm preparation to mitigate flooding. Power outage led to required overtime to monitor the plant, and conduct necessary cleanup.</p>
March 12, 2014	Blizzard	N/A	N/A	DPW overtime costs for plowing and salting.
November 17-26, 2014	Severe winter storm, snowstorm, and flooding	DR-4204	No	Regular hourly wages for plowing and salting roadways.

9.30.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 of this Plan convey detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes hazard vulnerabilities and their ranking in the Village of Webster. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

Hazard Risk/Vulnerability Risk Ranking

Table 9.30-3 below summarizes hazard risk/vulnerability rankings of potential hazards for the Village of Webster. The hazards of concern for the Village are those with a High hazard ranking.

Table 9.30- 3. Hazard Risk/Vulnerability Risk Ranking

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard ^{1,3}	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking ²
Landslide	Exposed: \$1,799,326,797	Frequent	48	High
Severe storm	Expected Losses from Wind Alone: \$0	Frequent	48	High
Utility failure	Damage Estimate Not Available	Frequent	39	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 ^{1,3}	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking ²
Severe winter storm	1% Damage Loss Estimate: \$10,164,845 5% Damage Loss Estimate: \$50,824,224 10% Damage Loss Estimate: \$101,648,447	Frequent	36	High
Civil unrest	Damage Estimate Not Available	Frequent	18	Medium
Earthquake ^{4,5}	Not Determined	Frequent	18	Medium
Flood ⁴	1% annual chance: \$0	Frequent	18	Medium
Terrorism	Damage Estimate Not Available	Frequent	18	Medium
Wildfire	Exposed Value in the Wildland-Urban Interface (WUI): \$28,315,842	Frequent	18	Medium
Drought	Damage Estimate Not Available	Frequent	12	Low
Hazardous materials	Damage Estimate Not Available	Occasional	12	Low

Notes:

- 1 Building damage ratio estimates were based on Federal Emergency Management Agency (FEMA) 386-2 (August 2001).
- 2 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
- 3 Loss estimates for the severe storm and severe winter storm hazards are structural values only, and do not include the value of contents.
- 4 Loss estimates for the flood and earthquake hazards represent both structure and contents.
- 5 The Hazards United States – Multi-Hazards (HAZUS-MH) earthquake model results are reported by Census Tract.

National Flood Insurance Program (NFIP) Summary

Table 9.30-4 below summarizes NFIP statistics for the Village of Webster.

Table 9.30- 4. NFIP Summary

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Policies in the 1% Flood Boundary (3)
Webster (V)	8	2	\$101,403	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 includes 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.

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

V Village

Critical Facilities

Table 9.30-5 below presents Hazards United States (HAZUS) – Multi-Hazards (MH) estimates of damage and loss of use to critical facilities in the community as a result of 1- and 0.2-percent annual chance flood events.





Table 9.30- 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
None identified.					

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

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).

Some facilities may be within the Digital Flood Insurance Rate Map (DFIRM) flood hazard boundary; however, HAZUS did not calculate potential loss, perhaps because depth of flooding would not cause any damages to these structures according to the depth damage function used in HAZUS for that facility type. Further, HAZUS-MH may estimate potential damage to a facility outside the DFIRM if the model generates a depth grid beyond DFIRM boundaries.

Other Vulnerabilities Identified

The municipality has identified the following vulnerability within the community:

Mill Creek runs through the Village, though no significant flood events have been reported.

9.30.5 Capability Assessment

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- NFIP
- Integration of mitigation planning into existing and future planning mechanisms.

Planning and Regulatory Capability

Table 9.30-6 below summarizes regulatory tools available to the Village of Webster.

Table 9.30- 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	2011	Village	Village Board	Village of Webster Comprehensive Plan, 2011
Capital Improvements Plan	No	-	-	-
Floodplain Management / Basin Plan	2008	Village	Village Board	Flood Damage Protection, Chapter 50, Code of the Village of Webster
Stormwater Management Plan	2014	Village	Village Board/ Code Enforcement	Stormwater Management Plan, chapter 130, Code of the Village of Webster



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.)
Open Space Plan	2011	Village	Village Board	Included in Comp. Plan
Stream Corridor Management Plan	No	-	-	-
Watershed Management or Protection Plan	No	-	-	-
Economic Development Plan	2011	Village	Webster Community Coalition for Economic Development (WCCED)	WCCED, Core Revitalization Plan; Webster Economic Development Alliance, 2015
Comprehensive Emergency Management Plan	1994/2008	County and Village	-	Monroe County plan and separate local plan with the Town of Webster
Emergency Operation Plan	1994/2008	County and Village	-	Monroe County plan and separate local plan with the Town of Webster
Post-Disaster Recovery Plan	No	-	-	-
Transportation Plan	No	-	-	-
Strategic Recovery Planning Report	No	-	-	-
Other Plans: NY WARN (IMA)	Yes	-	-	-
CEDAR (IMA)	Yes	-	-	-
Monroe County Radiological Emer. Preparedness Plan.	2011	County	County	-
Regulatory Capability				
Building Code	2014	NY State/ Village	Building/ Code Enforcement	Village 30-4; 30-7 Building Construction Chapter; Fire Prevention Chapter 46
Zoning Ordinance	2014	Village	Same	Village Zoning Chapter 175-70
Subdivision Ordinance	2014	Village	Planning	Subdivision of Land Chapter 137
NFIP Flood Damage Prevention Ordinance	2014	Village	Building/ Code Enforcement	Village Flood Damage Prevention Chapter 50-11
NFIP: Cumulative Substantial Damages	2014	Village	Building/ Code Enforcement	Village 50-11
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	2014	Village	Planning/ Building	Village 137-2
Stormwater Management Ordinance	2014	Village	Building/ Code Enforcement	Village Stormwater Management Chapter 130-12; 130-28; 130-43



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.)
Municipal Separate Storm Sewer System (MS4)	2014	Village	Same	Same as above
Natural Hazard Ordinance	No	-	-	-
Post-Disaster Recovery Ordinance	No	-	-	-
Real Estate Disclosure Requirement	Mandate	State	-	New York State (NYS) mandate, Property Condition Disclosure Act, <i>NY Code</i> – Article 14 §460-467
Other (Special Purpose Ordinances [i.e., sensitive areas, steep slope])	2014	Village	Planning/ DPW/ Building	Unsafe Buildings and Structures, Chapter 30-21, Code of the Village of Webster

Administrative and Technical Capability

Table 9.30-7 below summarizes potential staff and personnel resources available to the Village of Webster.

Table 9.30- 7. Administrative and Technical Capabilities

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Village Planning Board and Zoning Board of Appeals
Mitigation Planning Committee	Yes	Village
Environmental Board/Commission	No	N/A
Open Space Board/Committee	No	N/A
Economic Development Commission/Committee	Yes	WCCED
Maintenance Programs to Reduce Risk	Yes	DPW Office
Mutual Aid Agreements	Yes	Village
Technical/Staffing Capability		
Planner(s) or engineer(s) with knowledge of land development and land management practices	Yes	WCCED
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Yes	Building/ Code Enforcement
Planners or engineers with an understanding of natural hazards	No	-
NFIP Floodplain Administrator (FPA)	Yes	Code Enforcement Officer
Surveyor(s)	No	Retain as needed
Personnel skilled or trained in Geographic Information System (GIS) and/or HAZUS-MH applications	-	Code Enforcement Officer Limited GIS user
Scientist familiar with natural hazards	No	N/A
Emergency Manager	Yes	Superintendent of Public Works
Grant writer(s)	Yes	Limited scope
Staff with expertise or training in benefit/cost analysis	Yes	Treasurer





Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Professionals trained in conducting damage assessments	Yes	Code Enforcement Officer.

Fiscal Capability

Table 9.30-8 below summarizes financial resources available to the Village of Webster.

Table 9.30- 8. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community Development Block Grants (CDBG, CDBG-DR)	Yes/ Village Board
Capital improvements project funding	Yes/ Village Board
Authority to levy taxes for specific purposes	Yes/ Village Board
User fees for water, sewer, gas, or electric service	No – The Village is eligible, but does not currently charge for sewer. The Village does collect a Gross Utilities Tax.
Impact fees for homebuyers or developers of new development/homes	Parks and Rec; Sewer Connection Fee
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes/ Village Board
Incur debt through special tax bonds	Yes/ Village Board
Incur debt through private activity bonds	Yes/ Village Board
Withhold public expenditures in hazard-prone areas	Yes/ Village Board
Other federal or state funding programs	Yes/ Village Board
Open space acquisition funding programs	no
Other	

Community Classifications

Table 9.30-9 below summarizes classifications of community programs available to the Village of Webster.

Table 9.30- 9. Community Classifications

Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	IP	In Progress	-
Building Code Effectiveness Grading Schedule (BCEGS)	-	-	-
Public Protection (Insurance Services Office [ISO] Fire Protection Classes 1 to 10)	Yes	Fire District	-
Storm Ready	Yes	StormReady County	-
Firewise	No	-	-
Disaster/safety programs in/for schools	Yes	H2O Hero	-
Organizations with mitigation focus (advocacy group, non-government)	Yes	-	-
Public education program/outreach (through website, social media)	Yes	-	-



Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Public-private partnerships	Yes	WCCED/ Business Improvement District (BID)	-

IP In progress

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 costs of various forms of insurance. The Community Rating System (CRS) class applies to flood insurance, while the Building Code Effectiveness Grading Schedule (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 following documents:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule
- The International Organization for Standardization (ISO) Mitigation online 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 9.30-10 below provides an approximate measure of the Village of Webster’s capability to work in a hazard-mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

Table 9.30- 10. Self-Assessment Capability for the Municipality

Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, please indicate 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 Village is unaware of any flood-damaged buildings, and has never had to make substantial damage estimates. As a result, none of the Village's constituents has expressed interest in mitigation (elevation or acquisition).

Resources

The Village FPA is the sole person assuming the responsibilities of floodplain administration. The Village FPA administers Planning Board review, plan review (site and building), permit review, record-keeping, Geographic Information System (GIS), damage assessments, inspections, code review, administrate flood plain permit, etc. Currently, the Village is not providing education or outreach to the community regarding flood hazards/risk, flood risk reduction through NFIP insurance, mitigation, etc.

The Village FPA did not identify any barriers to running an effective floodplain management program, and feels that he is adequately supported and trained to fulfill the responsibilities of municipal FPA, although he could always use more training. The Village FPA expressed interest in attending continuing education and/or certification training on floodplain management if offered in the County.

Compliance History

As of June 30, 2015, eight policies were in force in the Village of Webster, none of which were within the 1% flood boundary. No repetitive loss properties and no severe repetitive loss properties are in the Village. Between 1978 and June 30, 2015, two claims were paid within the Town totaling \$101,403. According to the NFIP Policy Statistics report available at the time of this Plan, policies in the Village of Webster insure over \$1.3 million of property with total annual insurance premiums of \$9,485.

The Village is in good standing with the NFIP, as evidenced by the most recent Community Assistance Visit (CAV) in 2015.

Regulatory

The Town's Flood Damage Prevention Ordinance (FDPO) was last reviewed and amended in its entirety in August 2008, and appears in Chapter 50 of the local code. Floodplain management regulations and ordinances meet Federal Emergency Management Agency (FEMA) and New York State (NYS) minimum requirements, and do not exceed these requirements.

Other local ordinances, plans, and programs support floodplain management and meet NFIP requirements in the Village of Webster. One example of this is consultation of the Building Department and the Department of Public Works (DPW) with planning and zoning boards for reviews of applications for development.

Community Rating System

The Village of Webster does not participate in the Community Rating System (CRS) program.



Other Capabilities Identified

Previous actions that are now ongoing programs and capabilities are described below. Refer to Table 9.30-11 later in this annex. The majority of the capabilities listed below are ongoing municipal functions, funded through the annual budget unless otherwise noted.

Local Plans and Regulations

- The Village Board completed a review of the Code of the Village of Webster in 2014. This review included revisions and updates to the entire code book.
- The Village's code addresses unsafe buildings and structures. In addition, the Village code enforces the NYS Property Maintenance Code.
- The Village administers a Floodplain Management Program. Code has been updated to meet FEMA requirements. All applications are reviewed to determine if the property is subject to floodplain regulations.
- The Village employs a Building Inspector / Code Enforcement Officer. Moreover, two additional employees are trained and certified by NYS as Code Enforcement Officers. These two act as supplemental and backup Code Enforcement Officers. The Village supports annual training for each to maintain certification.
- Code enforcement and DPW review all plans for new construction and utility installations.
- The Village maintains a Sewer Use Code that requires certain industrial users to obtain a permit.
- The Village not only properly disposes of its self-generated hazardous waste, but supports compliance of waste disposal with Sewer and Storm Sewer Use Code and Permits via inspections and monitoring.
- Depending upon severity of an emergency, and utilities/areas impacted, the Village staffs telephones to field calls from residents. In preparation for an ice storm-related power outage, the Village has plans to continue to provide power to pump stations and treatment facilities.

Structure and Infrastructure

- The Village inspects storm outfalls on a regular basis. In addition, prior to expected rain events, grates on stormwater facilities are inspected and cleaned if needed. Additionally, the Village requires stormwater facilities maintenance plans from developers/ facility owners. The Village inspects grease traps when a building is connected to our sanitary sewer system, and provides for inspection of amalgam separators at dental facilities. The Village also flushes, videos, and grouts a portion of our sanitary system on a yearly basis. The Village inspects all new installations of storm and sanitary sewers. Extensions of existing infrastructure are inspected by Village personnel, and the Village requires certification and "as-builts" from engineers for projects.
- The Village maintains the storm and sanitary sewer systems. The Village additionally flushes, cameras, and grouts a portion of the sanitary sewer system on an annual basis. The Village completed an engineering planning study at the sewage treatment plant / Publicly Owned Treatment Works (POTW) in 2015. In 2011, the Village and Town completed a partial replacement of the combined sewer outfall pipe. Maintenance activities are funded through the annual budget / study-budget and through an Environmental Facilities Corporation (EFC) Grant. The Village continually applies for grant funding to upgrade the storm and sanitary sewer systems as opportunities arise.
- At least annually, the Village inspects storm outfalls and open channels to prevent accumulation of debris. Maintaining clear grates allows good flow through the structure and inhibits formation of ice that can lead to jams. In addition, the Village has installed grates over large storm inlets to prevent debris from plugging or damaging storm sewers. The Village picks up leaves from street edges on a regular basis between October and December of each year. The Village has a flushing program for the



storm sewers to maintain flow and identify potential issues. The Village also sweeps gutters and curb lines on a weekly basis.

- The Village maintains a stockpile of road salt during the winter months, and of supplies to make emergency repairs to infrastructure. The Village also maintains portable generators for pump stations in preparation for a power outage.
- The Village maintains emergency stand-by generators at the sewage treatment plant/POTW, Village Offices, and one pump station (Scenic Village pump station). Each pump station in the sewer system includes a redundant pump. The sewage treatment plant/POTW includes redundancy in many critical processes.
- The Village maintains backup generators at its DPW / Village Offices, Wastewater Plant, and one of three pump stations.
- The Village partners with a variety of municipalities and districts—with the school district for fuel storage and pumping, and to share equipment; and with the Town of Webster and the Fire District to share equipment and manpower. The Village and Town of Webster have a 40-year history of working together and sharing costs of a combined outfall for sewer plants.
- The Village partners with the school district for fuel storage and pumping station. The pumps are connected to a backup power supply
- As part of each Street Improvement Program (SIP), the Village of Webster converts overhead, arm-mounted street lights to pole lights served by underground wires. To date, the Village has so converted lights on Dunning Ave, Fuller Ave, Lapham Park, Elm Street, Gordon Park, and the business district. Intent is to include pole lights in all new developments. Improvements on municipal, county, or state property are funded as public projects, and improvements on private development are funded by the developer.
- The Village has scheduled a project to repair an existing stormwater culvert between 153 and 159 West Main Street in the Village that serves as the main conduit of stormwater for the west portion of the Village. This project is funded by a Community Development Block Grant (CDBG), special reserve funds, and annual budget.
- The Village works with utilities on an ongoing basis to minimize response time for checking or removing power lines from downed trees or limbs so that DPW crews can begin clearance.

Natural Systems Protection

- The Village minimizes debris before storm events via a monthly brush removal program. The Village has Intermunicipal Agreements with the Fire District, and works closely to with the Fire District during storm events to provide barricades, road closures, and clearing. In addition, the Village trims and evaluates 20% of street trees each year to minimize debris. In 2015, the Village completed a tree inventory enhancement that included inspections and identifications of Global Positioning System (GPS) locations of all street trees. Tree inventory was completed by use of Village Funds and a Department of Environmental Conservation (DEC) Urban Forestry Grant to track blight and infestation. In addition, the Village is now utilizing Uforian Manager, a tree management software for tracking schedules and tree health. Historically the Village had cost-shared tree trimming fees with Rochester Gas and Electric (RG&E) based on location and proximity to RG&E assets. RG&E has elected not to participate in this agreement for the past 3 years. Instead, the Village trims for health and maintenance, and RG&E trims separately for line clearance.
- The Village clears brush during the first full week of every month. This encourages residents to trim/clear brush on an ongoing basis, and reduces the amount of debris resulting from an ice storm. For this activity, the Village is divided into six sectors. The schedule is posted on the Village website. Moreover, the Village picks up leaves at curbsides each year from October until the first snowfall.



- The Village reviews trees and other hazards in and around its facilities on an ongoing basis. Trees that are hazards to infrastructure at the water plant, wastewater plant, and other Village-owned properties are removed.
- The Village replaced the roof on its salt storage building in 2010.
- The Village maintains one stream channel as part of the stormwater conveyance system.

Education and Awareness Programs

- The Village partners with a variety of municipalities. In addition to intermunicipal agreements with neighboring municipalities, the Village participates in the statewide Water/Wastewater Agency Response Network (NYWARN) designed to provide utility response during an emergency. The Village also participates in Code Enforcement Disaster Assistance Response (CEDAR).
- The Village Board and DPW have representatives on Webster Area Emergency Responder Council, which meets quarterly to support the mission to enhance delivery of emergency services in areas served by the North East Joint and West Webster Fire Districts.
- The Village provides intelligence to local authorities about legal surveillance and threat assessment activities, and encourages all personnel to report any suspicious activities to local authorities.
- The Village participated in Monroe County-sponsored training regarding acts of terrorism, weapons of mass destruction (WMD) preparedness, and response for water and wastewater executives. The Village participates in other trainings, such those for the Village Planning Board, as opportunities arise.
- The Village participates in DigSafe NY notifications and stakeouts, and the Village is involved with the local Utility Coordinating Committee (UCC).
- The Village has expanded its communication options through expanding cellular phone use. The website is constantly updated with information for residents and schedules for services and events. The Village also maintains a Facebook page and utilizes email blasts.
- The Village revamped its website in 2014—expanding it to allow better communication between the Village and residents—and updates it regularly during projects and emergencies.
- The Village emails businesses and emergency services to convey information regarding projects and status updates. Finally, the Village provides notification to residents and property owners potentially affected by projects in their areas.

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 the community’s progress in plan integration. A summary appears below. In addition, the community identified specific integration activities that will be incorporated into municipal procedures.

Planning

Land Use Planning: The Village of Webster has a Planning Board and Zoning Board of Appeals that review all applications for development and consider natural hazard risk areas in their review. Many development activities require additional levels of environmental review, specifically NYS State Environment Quality Review (SEQR) and Federal National Environmental Protection Act (NEPA) requirements.

Village of Webster Comprehensive Plan, 2011: The Village of Webster created its comprehensive plan to best determine how to direct growth of the Village as it transforms from a rural hamlet to a suburban town. In the identification of land use recommendations, the Village also considers the importance of natural features, including the Village’s two drainage areas. Some relevant recommendations and objectives in the Comprehensive Plan are as follows:



1. Protect existing Village wooded lots.
2. Establish and enhance extension of the Town of Webster Hojak Trail from the Village line to Phillips Rd; ensure use of such trail as a recreation trail and a nature corridor for deer.
3. Investigate opportunities to improve efficiency and effectiveness of the Village's water treatment and wastewater treatment capacities for economic development and revenue generation purposes.

Webster Economic Development Alliance, 2015: The Webster Economic Development Alliance (WEDA) is competing against 49 other municipalities for the title of "America's Best Community." WEDA is a unique public-private partnership designed to benefit the Town of Webster, Village of Webster, Webster Chamber of Commerce, Webster Central Schools, and the Business Improvement District. WEDA currently focuses on the "America's Best Community" competition, as this opportunity could provide the community with up to \$3 million of economic and community development funding.

Regulatory and Enforcement

Building Construction Chapter 30: Building codes are strictly enforced to prepare new and renovated buildings as well as possible for hazard-related incidents. The Village complies with New York State Uniform Fire Prevention and Building Code (the Uniform Code).

Fire Prevention Chapter 46: The Village has designated its Fire Marshal or an authorized assistant to administer and enforce the Uniform Code to ensure that no distinct hazards to life or property occur within Village boundaries.

Flood Damage Prevention Chapter 50: This chapter promotes public health, safety, and general welfare of residents, and seeks to minimize public and private losses due to flood conditions and erosion. The chapter regulates development to promote flood-resistant structures, and controls alteration of floodplains to prevent increased vulnerability.

Stormwater Management Chapter 130: The Village's stormwater management chapter seeks to mediate adverse impacts of stormwater runoff rates, sedimentation, and erosion caused by existing drainage systems. It also serves to minimize/control degradation of water quality in the Village.

Subdivision of Land Chapter 137: The Village's Planning Board is tasked with site plan/subdivision review. The Planning Board is especially attentive to ensure that developments mitigate issues associated with natural hazards.

Zoning Chapter 175: The Village of Webster zoning code includes districts and standards pertaining to safety and wellbeing of the community. Although the standards do not explicitly address hazard mitigation, all zoning standards are designed to minimize impacts of potential hazards through the Village's focus on safety.

Fiscal

Operating Budget: The 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

As able and to meet all professional requirements, Village of Webster 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. Village emergency responders also have the option to attend courses at the Monroe County Public Safety Training Facility.



The Village offers some hazard mitigation-related information on its website, primarily focused on local stormwater initiatives and winter weather safety. The Village also offers residents the opportunity to receive email notifications, although these notifications are most frequently used for notices of upcoming meetings and Village events. In addition, residents can sign up for reverse 911 cell phone notifications of emergency situations through the Monroe County Emergency Communications Department.

9.30.6 Mitigation Strategy and Prioritization

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

Past Mitigation Initiative Status

Table 9.30-11 below indicates progress on the community’s mitigation strategy identified in the 2011 Plan. Previous actions that are now ongoing programs and capabilities are indicated as such in Table 9.30-11, and may also appear under “Capability Assessment” presented previously in this annex. Actions carried forward as part of this Plan update are included and prioritized in the following subsection (in Table 9-30-12).



Table 9.30- 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.	FIRE	No progress	N/A	Discontinue	The Village does not maintain a Fire Department or EMS agency. Emergency services and recruitment are handled by the appropriate districts and agencies.
ES-4: Stockpile emergency supplies.	DPW/ sewage treatment plant/POTW	On Going	The Village maintains a stockpile of road salt during the winter months and supplies to make emergency repairs to infrastructure. The village also maintains portable generators for pump stations in the event that they are needed for a power outage. Funded in annual Budget	Discontinue	Describe in 2017 HMP as ongoing operational capability.
ES-5: Solicit "Mutual Aid" agreements.	Village Board- All Departments	On Going	The Village enjoys partnerships with a variety of municipalities. In addition to intermunicipal agreements with neighboring municipalities, the Village participates in NYWARN (statewide Water/Wastewater Agency Response Network (WARN) designed to provide utility to utility response during an emergency). In addition the Village participates in CEDAR (Code Enforcement Disaster Assistance Response) Funded in annual budget.	Discontinue	Describe in 2017 HMP as ongoing operational capability.
ES-6: Engage emergency service jurisdictions in local municipal government processes.	Village Board	On Going	The Village Board and DPW have representatives on Webster Area Emergency Responder Council which meets quarterly to support the mission to enhance the delivery of emergency services in the areas served by the North East Joint and West Webster Fire Districts. Funded in annual budget	Discontinue	Describe in 2017 HMP as ongoing operational capability.



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.
NRP-1: Ensure proper disposal of Hazardous Waste.	DPW	On Going	The Village not only properly disposes of its self-generated hazardous waste, but supports the compliance of proper waste disposal through Sewer and Storm Sewer Use Code, Permits, inspections and monitoring. Funded in annual budget	Discontinue	Describe in 2017 HMP as ongoing operational capability.
NRP-2: Enforce government permit processes. This may pertain to existing and/or new infrastructure.	DPW	On Going	The Village maintains a Sewer Use Code which requires certain industrial users to obtain a permit. Funded in annual budget	Discontinue	Describe in 2017 HMP as ongoing operational capability.
NRP-3: Provide comprehensive inspection services for water quality facilities. This may pertain to existing and/or new infrastructure.	DPW and Code Enforcement	Completed	The Village inspects storm outfalls on a regular basis. In addition, prior to expected rain events, grates on stormwater facilities are inspected and cleaned if needed. Additionally, the Village requires stormwater facilities maintenance plans from developers/ facility owners. The Village inspects grease traps when the building is connected to our sanitary sewer system and provides for the inspection of amalgam separators at dental facilities. The Village also flushes, videos and grouts a portion of our sanitary system on a yearly basis. Finally, the Village inspects all new installations of storm and sanitary sewers. Extensions of existing infrastructure are inspected by Village personnel and the Village requires certification and "as-builts" from the engineer for the project.	Discontinue	Describe in 2017 HMP as ongoing operational capability.
NRP-4: Administer a Floodplain Management Program. This may pertain to existing and/or new infrastructure.	Code Enforcement	In Progress	The Village administers a FMP. Code has been updated to meet FEMA requirements. All applications are reviewed to determine if the property is subject to floodplain regulations. Funded in annual budget	Discontinue	Describe in 2017 HMP as ongoing operational capability.
NRP-5: Maintain "Urban Forests."	DPW	On Going	The Village has been trimming and evaluating 20 percent of the Village owned street trees on an annual basis. In 2015, the Village completed a tree inventory enhancement, which included, inspections	Discontinue	Project completed - Describe in 2017 HMP as ongoing operational capability.



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.
			<p>and the gathering of GPS locations for all street trees. Tree inventory was completed using Village Funds and DEC Urban Forestry Grant to track blight and infestation. In addition, the Village is now utilizing Uforian manager, a tree management software, for tracking schedules and tree health.</p> <p>Historically the Village has worked with RG&E for cost sharing for the tree trimming fees based on location and proximity to RG&E assets. RG&E has elected not to participate in this agreement for the past 3 years. Instead, the Village trims for health and maintenance, and RG&E trims separately for line clearance.</p> <p>Funded in annual Budget.</p>		
PEA-3: Review Utility Service & restoration plans.	Code Enforcement/ DPW	In Progress	<p>The Code enforcement and DPW review all plans for new construction and utility installations.</p> <p>Funded in annual budget</p>	Discontinue	Describe in 2017 HMP as ongoing operational capability.
PEA-4: Identify and utilize a “Speakers Bureau.”	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
PP-1: Identify “special hazard” areas.	DPW/ Code Enforcement	Ongoing	Progress limited to specific hazards	Discontinue	The Village will continue to address specific hazards. While there may be some overlap, or mitigation measures that pertain to multiple hazards, the specific response to that hazard will be addressed on a specific hazard basis.
PP-2: Maintain public infrastructure. This may pertain to existing and/or new infrastructure.	DPW	Complete, Ongoing, In progress	The Village maintains the storm and sanitary sewer systems. The Village additionally flushes, cameras, and grouts a portion of the sanitary sewer system on an annual basis. Finally the Village completed an	Both	Include flushing and grouting in 2017 HMP as ongoing operational capability, as well as grant applications for ongoing





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.
			<p>engineering planning study at the sewage treatment plant/POTW in 2015. In 2011, the Village and Town completed a partial replacement of the combined sewer outfall pipe.</p> <p>Maintenance: Annual Budget/ Study-budget and EFC Grant.</p>		upgrades to storm and sanitary sewer system.
PP-3: Solicit inter-municipal and interagency cooperation.	Village Board	In Progress	<p>The Village enjoys partnerships with a variety of municipalities and districts. The Village partners with the school district for fuel storage and pumping as well as equipment. The Village partners with the Town of Webster and the Fire District for equipment and manpower sharing. The Village and Town of Webster have a 40 year history of working together and sharing costs for a combined outfall for the sewer plants.</p> <p>Funded in annual budget</p>	Discontinue	Describe in 2017 HMP as ongoing operational capability.
PP-4: Promote purchase of appropriate hazard insurance policies. This may pertain to existing and/or new infrastructure.	N/A	No progress	We do not discourage the purchase of insurance, but promoting is not village responsibility.	Discontinue	Not applicable to Village.
PP-5: Property acquisition	N/A	No progress	The Village has not had the need to acquire property in an effort to mitigate multiple hazards.	Discontinue	Not applicable to Village.
PR-1: Enforce Building Code as required for existing and new infrastructure.	Code Enforcement	In Progress	<p>The Village employs a Building Inspector/ Code Enforcement Officer. In addition, two additional employees are trained and certified by NYS as Code Enforcement Officers. These two act as supplemental and back-up Code Enforcement Officers. The Village supports annual training for each to maintain certification.</p> <p>Annual budget</p>	Discontinue	Describe in 2017 HMP as ongoing operational capability.



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.
PR-2: Comply with applicable federal and state regulations.	Village Board/ All Departments	On Going	To the best of my knowledge and belief, the Village complies with all federal and State regulations. Annual Budget	Discontinue	Describe in 2017 HMP as ongoing operational capability.
PR-5: Regular review of Local Laws	Village Board	Complete, Ongoing	The Village completed a complete review of the Code of the Village of Webster in 2014. This review included revisions and updates to the entire code book. Annual Budget	Discontinue	Project completed - Describe in 2017 HMP as ongoing operational capability.
SP-1: Disaster “proof” public facilities. This may pertain to existing and/or new infrastructure.	Village Board/ DPW	In Progress	The Village maintains building and public facilities in an ongoing basis. Improvements are made when needed and as budgets allow. The Village is in the process of seeking grants for upgrades to the digesters at the sewage treatment plant, referred by the DEC as the POTW. This project was identified as part of an engineering planning study completed in 2015. Funded in Annual Budget	Include in the 2017 HMP	SP-1: Disaster “proof” public facilities: Make necessary upgrades to the digesters at the POTW. This project was identified as part of an engineering planning study completed in 2016.
SP-2: Secure and provide redundant critical systems and facilities. This may pertain to existing and/or new infrastructure.	Village board/ DPW	In Progress	The Village maintains emergency stand-by generators at the sewage treatment plant/POTW, Village Offices, and one pump station (Scenic Village pump station). Each pump station in the sewer system includes a redundant pump. The sewage treatment plant/POTW includes redundancy in many of the most critical processes. Funded in annual budget	Both	Describe existing power redundancies in 2017 HMP as ongoing operational capabilities. New SP-2: Seek emergency backup power generation for all of the pump stations.
SP-3: “Target Harden” facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to 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-4: Expand fiber telecommunications networks.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
EPI-PR-2: Local Project. Provide HIV screening and public education (Democrat & Chronicle, 7-21-03).	N/A	No Progress	N/A	Discontinue	Not applicable to 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.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Fire-SP-1: Local Project. Plan, design and develop enhanced, local facilities for on-site specialized emergency training.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
FI-ES-1: Provide Special Operations and Tactical Rescue training including water rescue training	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
FI-PEA-1: Provide information about the Erie Canal and its spillway locations	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
FI-PP-1: Encourage affected property owners to purchase Flood Insurance. This may pertain to existing and/or new infrastructure.	N/A	No action	Insurance would have no effect on the flood nor the damage caused. It could minimize the sudden financial impact to private property and is a decision for the property owner, or possibly a lenders requirement.	Discontinue	Not applicable to Village.
FI-PP-2: Participate in the federal Community Rating System. This may pertain to existing and/or new infrastructure.	Village Board/ DPW	In Progress	Village Board and DPW are considering joining the program.	Include in the 2017 HMP	Participate in the federal Community Rating System, and explore grants to enable the Village to do so.



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.
<p>Fl-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).</p>	<p>N/A</p>	<p>No Progress</p>	<p>N/A</p>	<p>Discontinue</p>	<p>Not applicable to Village.</p>
<p>Fl-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).</p>	<p>N/A</p>	<p>No Progress</p>	<p>N/A</p>	<p>Discontinue</p>	<p>Not applicable to Village.</p>
<p>Fl-PR-1: Implement an annual, “Waterway/Drainage Maintenance” Program</p>	<p>DPW/ STP/ Code Enforcement</p>	<p>In progress</p>	<p>The Village inspects storm outfalls and open channels to keep debris from collecting at least annually. Keeping the grates clear provides good flow through the structure and inhibits the formation of ice which can lead to jams. In addition, the Village has installed grates over large storm inlets to prevent debris from plugging or damaging the storm sewers. The Village picks up leaves from the street edge on an ongoing basis between October and December of each year. The Village has a flushing program for the storm sewers to maintain flow and identify potential issues. The Village also sweeps the gutters and curb lines on a weekly basis.</p> <p>Funded in annual budget</p>	<p>Discontinue</p>	<p>Describe in 2017 HMP as ongoing operational capability.</p>
<p>Fl-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).</p>	<p>N/A</p>	<p>No Progress</p>	<p>N/A</p>	<p>Discontinue</p>	<p>Not applicable to Village.</p>



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.
<p>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 and/or new infrastructure.</p>	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
<p>FI-SP-2: Local Project. Implement municipal mitigation measures identified by USGS modeling, proposed by the Stormwater Coalition and agreed by local parties. This may pertain to existing and/or new infrastructure.</p>	Code Enforcement	In Progress	<p>The Village has a project scheduled to make repairs to an existing stormwater culvert which serves as the main conduit of stormwater for the West portion of the Village. This project was identified by the Village.</p> <p>CDBG, special reserve funds, and annual budget</p>	Discontinue	Project currently scheduled to be completed.
<p>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 and/or new infrastructure.</p>	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
<p>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 standards. This may</p>	N/A	No Progress	N/A	Discontinue	Not applicable to 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.
pertain to existing and/or new infrastructure.					
Fl-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 and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Ice-ES-1: Develop a strategy to reduce the time it takes to clear streets (Rights-of-Way) of debris	DPW	In Progress	The Village minimizes debris before storm events by utilizing monthly brush removal program. The Village has Intermunicipal Agreements with the Fire District and works closely to with the district during storm events to provide barricades, road closures and clearing. In addition the Village trims 20% of the street trees each year to minimize debris. Funded in annual budget	Discontinue	Describe “continue to work with utilities to allow for faster response time to check or remove power line from downed trees or limbs to allow DPW crews to begin clearing” in 2017 HMP as ongoing operational capabilities.
Ice-ES-2: Regularly review restoration priorities	DPW/ Code Enforcement	No progress	Time constraints.	Discontinue	Restoration activities are addressed in other plans.
Ice-ES-3: Enhance utility “Town Liaison” Program	DPW		The Village has historically worked with RG&E regarding tree maintenance and trimming. At RG&E’s sole decision, the cooperative agreement regarding shared costs has been discontinued. Annual Budgets	Discontinue	See New Ice-ES-1
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	Discontinue	Not applicable to 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-2: Develop alternate communications plan	DPW	In Progress	The Village has expanded its communication options through expanding cellular phone use. The website is constantly updated with information for residents and schedules for services and events. The Village also maintains a Facebook page and utilizes email blasts. Funded in annual budget	Discontinue	The Village will continue to expand communication options as technology evolves; however, this focus is not a current Village priority for unique project actions.
Ice-PEA-3: Provide automated utility restoration schedule to the public	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Ice-PEA-4: Provide more public outreach during an emergency	DPW/ Village Board	In progress	Depending upon the severity of the emergency, and the utilities/areas impacted, the Village staffs the telephones to field calls from residents. In the event of an ice storm related power outage, the Village has plans to continue to provide power to pump stations and treatment facilities.	Discontinue	Describe in 2017 HMP as ongoing operational capability.
Ice-PEA-5: Expand utility Customer Service capacity	Village board	No progress	The current infrastructure meets the needs of the population. If extensions are made or additional capacity is needed, the requirements and responsibilities are discussed and assigned during plan review and approvals	Discontinue	Not applicable to Village.
Ice-PEA-6: Expand information available on websites	Village Board	Completed, In progress	The Village revamped its website in 2014, now expanded to allow better communication between the Village and Residents, and updates it regularly during projects and emergencies. Funded in annual budget	Discontinue	Project completed with 2014 website overhaul - Describe in 2017 HMP as ongoing operational capability.
Ice-PP-1: Encourage installation of backup power supply. This may pertain to existing and/or new infrastructure.	Village Board	No progress	The village has back-up power supply for its own facilities. It does not prohibit nor encourage generators on private property. The Village does require permits and inspections for all new generator installations.	Discontinue	Not applicable to 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-PR-1: Implement an “Annual, Tree/Stream Maintenance Program”	DPW	In progress	The Village reviews the trees and other hazards in and around its facilities on an ongoing basis. Trees that are a hazard to the infrastructure at the Water Plant, Wastewater plant, and other Village owned properties are removed. In addition the Village replaced the roof on its salt storage building in 2010. In addition, the Village maintains one stream channel as part of the stormwater conveyance system. Included in annual budget	Discontinue	Describe in 2017 HMP as ongoing operational capability.
Ice-PR-2: Relocate vulnerable utilities. This may pertain to existing and/or new infrastructure.	DPW	In progress, Ongoing	As part of each Street improvement Program (SIP) the Village of Webster is converting overhead arm mounted street lights to pole lights served by underground wires. To date, the Village has converted Dunning Ave, Fuller Ave, Lapham Park, Elm Street, Gordon Park and the business district. In addition all new developments are intended to include Pole lights. Public Project- Funded with improvement. Private development, Funded by developer	Discontinue	The Village is not currently planning for installations on any additional streets.
Ice-PR-3: Develop DPW/DOT Plans for debris clearance, removal, and disposal	DPW	In progress	The Village clears brush on an ongoing basis during the first full week of every month. This encourages residents to trim/ clear brush on an ongoing basis and reduces the amount of debris as a result of an ice storm. The Village is divided into 6 sectors. The schedule is posted on the Village website. In addition, the Village picks up leaves on the curbside each year from October until the first snowfall. Funded in annual budget	Discontinue	Describe in 2017 HMP as ongoing operational capability.
Ice-PR-4: Lobby state and federal officials to require permanent installation of emergency generators on-site at health care facilities and elderly housing	N/A	No Progress	N/A	Discontinue	Not applicable to 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.
facilities. This may pertain to existing and/or new infrastructure.					
Ice-SP-1: Install permanent backup power supply at public facilities. This may pertain to existing and/or new infrastructure.	DPW	In Progress	The Village maintains back-up generators at its DPW/ Village Offices, and Wastewater Plant and one of three pump stations. Funded in annual budget	Continue	Seek generator installation at all pump stations. Seek to update older diesel generators with new natural gas.
Land-PEA-1: Local Project. Promote understanding and use of (telephone number) 811, “Call Before You Dig.”	DPW	In Progress	The Village participates in DigSafe NY notifications and stakeouts. In addition, the Village is involved with the local UCC (Utility Coordinating Committee) Funded in annual budget	Discontinue	Describe in 2017 HMP as ongoing operational capability.
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 and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
SC-PR-1: Local Project. Enact Local Laws that require property owners to demolish and remove unsafe structures from their property(ies). This may pertain to existing and/or new infrastructure.	Village Board	In Progress	The Village’s code addresses unsafe buildings and structures. In addition the Village code enforcement enforces the NYS Property Maintenance Code. Funded in annual Budget.	Discontinue	Continue to enforce; Describe in 2017 HMP as ongoing operational capability.
Terr-PP-1: Implement a strategy to “target harden” critical and public facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to 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.
Terr-PR-1: Provide intelligence to local authorities about legal surveillance and threat assessment activities.	All Departments	In Progress	All personnel are encouraged to report any suspicious activities to local authorities.	Discontinue	Describe in 2017 HMP as ongoing operational capability.
Terr-PR-2: Review emergency plans for public facilities to ensure that appropriate measures are considered and referenced	DPW	In progress, Ongoing	The Village participated in Monroe County sponsored training regarding acts of terrorism, WMD preparedness, and response for water and wastewater executives. Funded in annual budget	Discontinue	Continue taking advantage of training/ coordinating opportunities; Describe in 2017 HMP as ongoing operational capability.
Terr-PR-3: Schools Project. Comply with Project Save regulations for plan review and revision cycles.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Trans-PEA-1: Local Project. Provide traffic reports through the local broadcasters	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Trans-PEA-2: Local Project. Provide construction information and project status on sites that impact traffic	DPW	In progress, Ongoing	The Village updates its website with information regarding projects within the Village. In addition, the Village emails businesses and emergency services with information regarding projects and status updates. Finally, the Village provides notification to residents and property owners potentially affected by projects in their area. Funded in annual budget	Discontinue	Continue notifications; Describe in 2017 HMP as ongoing operational capability.
Util-ES-1: Local Projects. Provide power back-up supply for municipal fueling stations. This may pertain to existing and/or new infrastructure.	DPW	Complete	The Village partners with the school district for fuel storage and pumping station. The pumps are connected to a back-up power supply	Discontinue	Project completed - Describe in 2017 HMP as ongoing operational capability.
Util-PP-1: Local Utilities Project. Preserve capacity to generate local power and enhance the ability to segregate local supply	N/A	No Progress	N/A	Discontinue	Not applicable to 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.
from the national power grid during major failures, e.g. August 14, 2003. This may pertain to existing and/or new infrastructure.					
WSC-PR-1: Provide redundant back-up power supply for public supply treatment facilities and system pump stations. This may pertain to existing and/or new infrastructure.	DPW	In progress	The Village has back-up power at sewage treatment plant/POTW and one of three sewer pump stations.	Include in the 2017 HMP	Continue efforts to install back-up generator at all pump stations.



Completed Mitigation Initiatives not Identified in the Previous Mitigation Strategy

The Village of Webster held a series of meetings from November 2012 to March 2013 to update its response to the Monroe County Pre-Disaster mitigation planning effort. The meetings were attended by the Mayor, Superintendent of Public Works, Building Inspector / Code Enforcement Officer, Village Clerk, Village Treasurer, Chief Plant Operator of the sewage treatment plant (referred to by NYS DEC as the POTW), and Chief Plant operator of the Water Department. During the meetings, specific hazards outlined in the Monroe County Plan were considered. Areas where the Village was already involved in mitigation measures were documented, and an action list was developed.

The Village of Webster has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2011 Plan:

Measure	Structural Projects (Sanitary Sewer) #4: The Village of Webster purchased a towable backup generator for sanitary pump stations
Priority Rank	High
Source of Funds	Local municipal annual operating budget
Lead Agency	Local municipal officials

Measure	Natural Resource Protection # 1: The Village of Webster replaces trees lost to damage and disease on an annual basis as cost allows.
Priority Rank	High
Cost Estimate	\$1,001 – 4,999
Source of Funds	Local municipal annual operating budget, mitigation grants
Lead Agency	Local municipal officials
Timetable	Continuous

Measure	Public Education and Awareness # 4: Coordinate “Open House” events at local fire departments with other community events to expand visibility and community involvement. Since 2005, the Village has coordinated its “Village Days” event with the Town of Webster Fire Department’s (NEJFD) annual Open House. This cooperation has increased exposure for both events and the number of community residents who receive the fire safety message.
Priority Rank	Medium
Cost Estimate	Under \$1,000
Source of Funds	Local municipal annual operating budget, mitigation grants
Lead Agency	Local municipal officials
Timetable	Continuous

Measure	Public Education and Awareness # 4: Provide education and information to community regarding storm system. The Village works with community partners including the local school system to label storm drain inlets. The Village also is a member of the Monroe County Stormwater Coalition. Moreover, the Village distributes pamphlets and displays posters from the Coalition at the Village offices.
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Measure	Prevention # 1: Enforce Building Codes / Inspections. The Village employs a full-time Building Inspector/ Code Enforcement Officer. The Village also maintains a long-time agreement with the Town of Webster to utilize the town Fire Marshall for all village properties.
Priority Rank	High
Cost Estimate	over \$20,000
Source of Funds	Local municipal annual operating budget, mitigation grants
Lead Agency	Local municipal officials
Timetable	Continuous



Measure	Property Protection #1: Limit distribution of information as it relates to infrastructure and facilities. The Village does not post information regarding capacities, locations, and specifications of Sanitary Sewer, Storm Sewer, or Water Systems on websites, or otherwise provide it unless person seeking information contacts the Village directly and the release is necessary due to operational or engineering need.
Priority Rank	Unknown
Cost Estimate	over \$20,000
Source of Funds	Local municipal annual operating budget, mitigation grants
Lead Agency	Local municipal officials
Timetable	Continuous

Measure	Property Protection #2: Review facilities. The Village reviews trees and other hazards in and around its facilities on an ongoing basis. Trees that are hazards to infrastructure at the Water Plant, Wastewater Plant, and other Village-owned properties are removed. In addition, the Village replaced the roof on its salt storage building in 2010.
Priority Rank	Medium
Cost Estimate	under \$1,000
Source of Funds	Local municipal annual operating budget, categorical grants, mitigation grants
Lead Agency	Local municipal officials
Timetable	Within 1-3 years

Measure	Property Protection #3: Protect essential equipment from damage. The Village houses all its essential equipment indoors to protect it from severe storms. This includes vehicles, construction equipment, pumps, and process equipment.
Priority Rank	Medium
Cost Estimate	over \$20,000
Source of Funds	Local municipal annual operating budget, categorical grants, mitigation grants
Lead Agency	Local municipal officials
Timetable	Continuous

Measure	Property Protection # 6: Encourage property owner to mitigate stormwater on site. The Village works with property owners to address stormwater issues in their residential lots. Alternative methods of removal/mitigation are sought before permission to enter storm sewer system is considered.
Priority Rank	High
Cost Estimate	\$1,001 – 4,999
Source of Funds	Local municipal annual operating budget, private sector funds, categorical grant, mitigation grant
Lead Agency	Local municipal officials
Timetable	Continuous

Proposed Hazard Mitigation Initiatives for the Plan Update

FEMA Region II led a meeting of 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.

Additionally, 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 2016, Monroe County jurisdictions were provided results of the municipal risk assessment to further assist with development of their mitigation strategies. Throughout the planning process, jurisdictions had access to mitigation planners who were available to assist with the development of the jurisdictional annexes, including mitigation strategies and action worksheets, as necessary.

Table 9.30-12 summarizes the comprehensive range of specific mitigation initiatives the Village of Webster would like to pursue in the future to reduce effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. Implementation of these initiatives will depend on available funding (grants and local match availability), and some initiatives may be modified or omitted at any time based on 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 Table 9.30-12 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 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 actions as High, Medium, or Low. Table 9.30-12 below summarizes evaluation of each mitigation initiative, listed by Action Number.

Table 9.30-13 summarizes prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.30- 12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
VWB-1	Upgrade the digesters at the sewage treatment plant/POTW. This project was identified as part of an engineering planning study completed in 2015.	Existing	Flood, severe storm	1, 3	Village DPW, Village Board, Code Enforcement, Planning Board	High	High	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County, Annual Village Budget	Short-Term	High	SIP	PP
VWB-2	Participate in the federal Community Rating System, and explore grants to enable the Village to do so.	Both	Flood, severe storm	2, 3, 4	Village Board/ DPW	Low	Medium	Annual Budget	Short Term, OG	Medium	LPR EAP	PR, PI
VWB-3	Install permanent backup power supply at all pump stations and critical facilities. Woodstone and Ashwood Lane pump stations are in need of backup power, and are priorities for this project. Seek to update older diesel generators with new natural gas. Update Sewage Treatment Plant (STP) and Village Hall diesel backup generators with natural gas.	Existing	All Hazards	2, 3	DPW	High	Medium-High	Funded in annual budget, FEMA HMA grants	Short Term	High	SIP, NRP	PR, ES, PP, NR
VWB-4	Develop a plan for street clearing/priority in case of ice or severe storm that results in large amount of trees down. This will include exploring bids for emergency services as needed for cleanup help after storm.	N/A	Flood, severe storm, severe winter weather	2, 3, 5	DPW	High	Low	Annual Budget	Short Term	High	LPR	PR, NR, ES
VWB-5	Develop pre-storm checklist: fuel, ops; check critical equipment, staging	N/A	Winter storm, severe storm	3	DPW	Medium	Low	Annual Budget	Short Term	Medium/High	LPR	PR, ES





Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
	equipment, etc., to inventory needs in advance of severe storm (salt, plow parts, etc.).											
VWB-6	Update Village website with hazard information, including links to Monroe County Office of Emergency Management, and link to National Weather Service on Village website for Severe Weather Warnings and Watches.	N/A	Severe storm, extreme temperature, severe winter storm, flood, wildfire, drought	4	DPW and Clerk Staff	Low	Low	Annual Budget	Ongoing	High	EAP	PI
VWB-7	Develop plan for mitigating streambank erosion, to include a schedule for completing inspections.	N/A	Flood, landslide, severe storm	2, 3, 5	Stormwater Manager (Code Enforcement)	Medium	Medium	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County, Annual Village Budget	Short Term	Medium	LPR NSP	PR, NR
VWB-8	Review radiological action plan.	N/A	Utility failure, terrorism, hazardous materials	1, 3, 5	DPW, Code Enforcement, Village Board	Medium	Low	Annual Budget	Short Term	Medium	LPR	ES
VWB-9	Provide hazardous materials / National Incident Management System (NIMS) training for DPW personnel	N/A	All Hazards	1, 2, 3, 5	DPW	Low	Medium	Annual Budget	Ongoing	Medium/High	EAP	PI, ES
VWB-10	Support the County in implementing a Tick and Lyme Disease education and outreach program.	N/A	Infestation	1, 2, 3, 4	Village Board	Medium	Medium	Federal, State and Local	Ongoing	Low	EAP	PI
VWB-11	Attend county and state trainings, and complete certification programs with respect to hazard risk management in Benefit Cost Analysis (BCA), Recovery Planning,	N/A	All Hazards	1, 4	Village Board, DPW, Code Enforcement	Medium	Low	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES,	Ongoing	High	EAP	PI





Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
	Damage Estimates, and Debris Management							County, Annual Village Budget				
VWB-12	Replace failing sections of stone storm culvert on West Main Street.	Existing	Flood, severe storm, utility failure	2, 3, 5	DPW	High	High	Annual Budget, CDBG	Short Term	High	SIP	PR, PP, NR

Notes:

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

*Does this mitigation initiative reduce 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
- CDBG Community Development Block Grant
- GCRS 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

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 ongoing program.
- Medium Could budget for under existing work plan, but would require a reapportionment of the budget or a budget amendment, or cost of the project would have to be spread over multiple years.

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 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 reduction of risk exposure to life and property, or project will provide an immediate reduction in risk exposure to property.





Costs:

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 costs of the proposed project.

Benefits:

High Project will have an immediate impact on reduction of risk exposure to life and property.

Mitigation Category:

- Local Plans and Regulations (LPR) – Actions that include government authorities, policies, or codes that influence the way land and buildings are developed and built.
- Structure and Infrastructure Project (SIP) – Actions that 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 impacts of hazards.
- Natural Systems Protection (NSP) – Actions that minimize damage and losses, and also preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – 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 stormwater management regulations.
- Property Protection (PP) – 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 construction of structures to reduce impacts 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 protection of essential facilities



Table 9.30- 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
VWB-1	Upgrade the digesters at the sewage treatment plant/POTW. This project was identified as part of an engineering planning study completed in 2015.	1	1	1	0	1	1	-1	1	1	1	1	1	0	1	10	High
VWB-2	Participate in the federal Community Rating System, and explore grants to enable the Village to do so.	1	1	0	0	1	0	0	1	0	0	1	1	1	0	7	Medium
VWB-3	Install permanent backup power supply at all pump stations and critical facilities. Woodstone and Ashwood Lane pump stations are in need of backup power, and are priorities for this project. Seek to update older diesel generators with new natural gas. Update Sewage Treatment Plant (STP) and Village Hall diesel backup generators with natural gas.	0	1	1	1	1	1	-1	1	1	1	1	1	1	1	11	High
VWB-4	Develop a plan for street clearing/priority in case of ice or severe storm that results in large amount of trees down. This will include exploring bids for emergency services as needed for cleanup help after storm.	1	1	1	1	0	1	1	0	0	1	1	1	1	0	10	High
VWB-5	Develop pre-storm checklist: fuel, ops; check critical equipment, staging equipment, etc., to inventory needs in advance of severe storm (salt, plow parts, etc.).	1	1	0	1	0	1	1	0	0	1	1	1	1	0	9	Medium/High
VWB-6	Update Village website with hazard information, including links to Monroe County	0	1	1	1	1	1	1	0	0	1	1	1	1	0	10	High





Table 9.30- 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
	Office of Emergency Management, and link to National Weather Service on Village website for Severe Weather Warnings and Watches.																
VWB-7	Develop plan for mitigating streambank erosion, to include a schedule for completing inspections.	0	1	0	0	1	1	1	1	0	0	1	1	1	0	8	Medium
VWB-8	Review radiological action plan.	1	0	1	0	1	1	1	0	0	0	1	1	0	0	7	Medium
VWB-9	Provide hazardous materials / National Incident Management System (NIMS) training for DPW personnel	1	1	1	1	1	0	1	0	0	0	0	1	1	1	8	Medium/High
VWB-10	Support the County in implementing a Tick and Lyme Disease education and outreach program.	1	0	1	0	0	1	0	0	0	0	0	1	0	0	4	Low
VWB-11	Attend 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	1	1	1	0	0	0	1	1	1	0	10	High
VWB-12	Replace failing sections of stone storm culvert on West Main Street.	0	1	1	1	1	1	1	1	1	1	1	1	1	1	13	High

Note: Refer to Section 6, which contains guidance on conducting prioritization of mitigation actions.



9.30.7 Future Needs To Better Understand Risk/Vulnerability

None at this time.

9.30.8 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Village of Webster that illustrate areas probably to be impacted within the municipality (see Figures 9.30-1 and 9.30-2 below). These maps are based on the best available data at the time of preparation of this Plan, and are considered adequate for planning purposes. Maps have been generated only for those hazards (i.e., landslide, wildfire, and flooding) that can be clearly identified via application of mapping techniques and technologies, and to which the Village of Webster has significant exposure. These maps also appear in the hazard profiles within Section 5.4, Volume I of this Plan.

9.30.9 Additional Comments

None at this time.



Figure 9.30- 1. Village of Webster Landslide and Wildfire Hazard Area Extent and Location Map

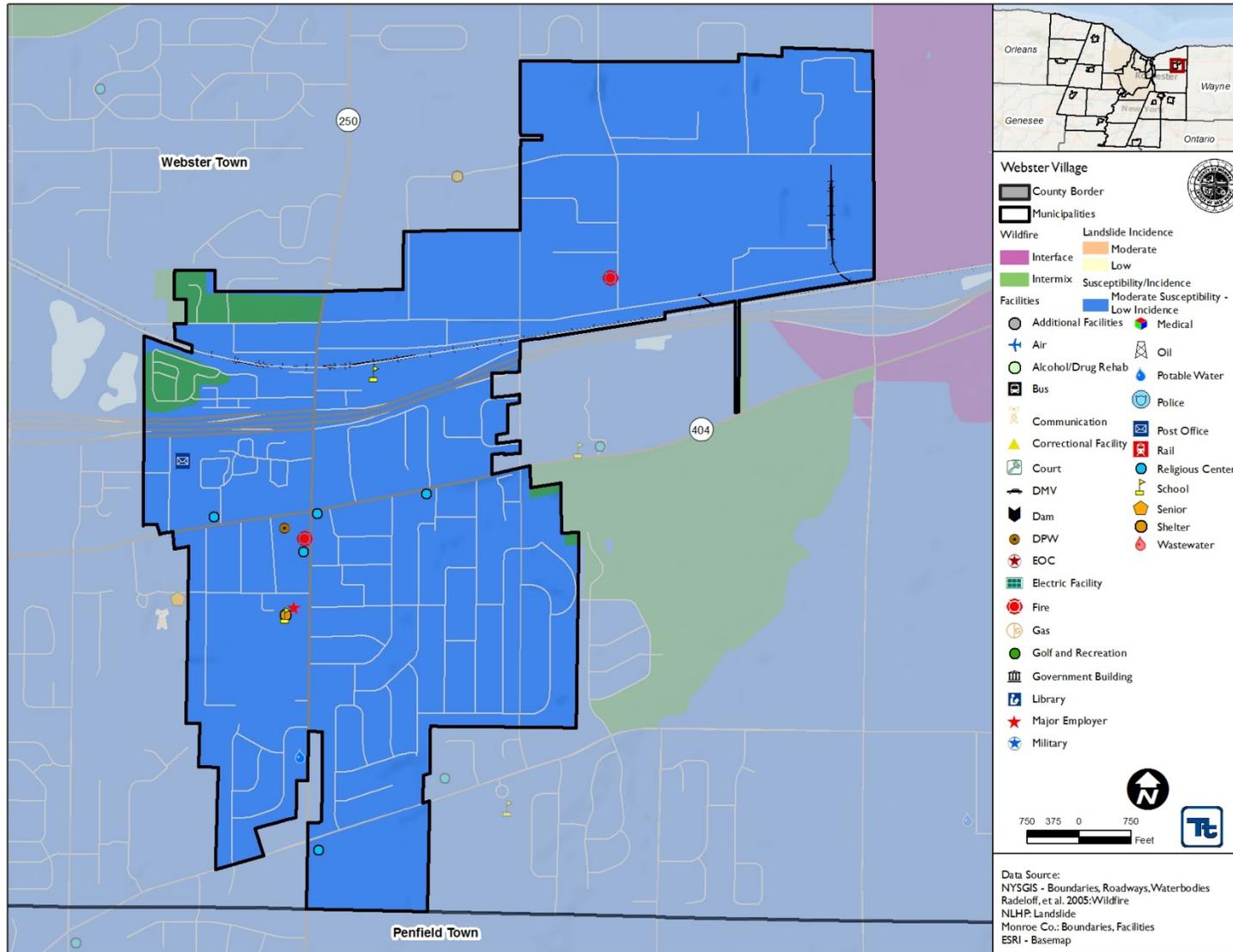
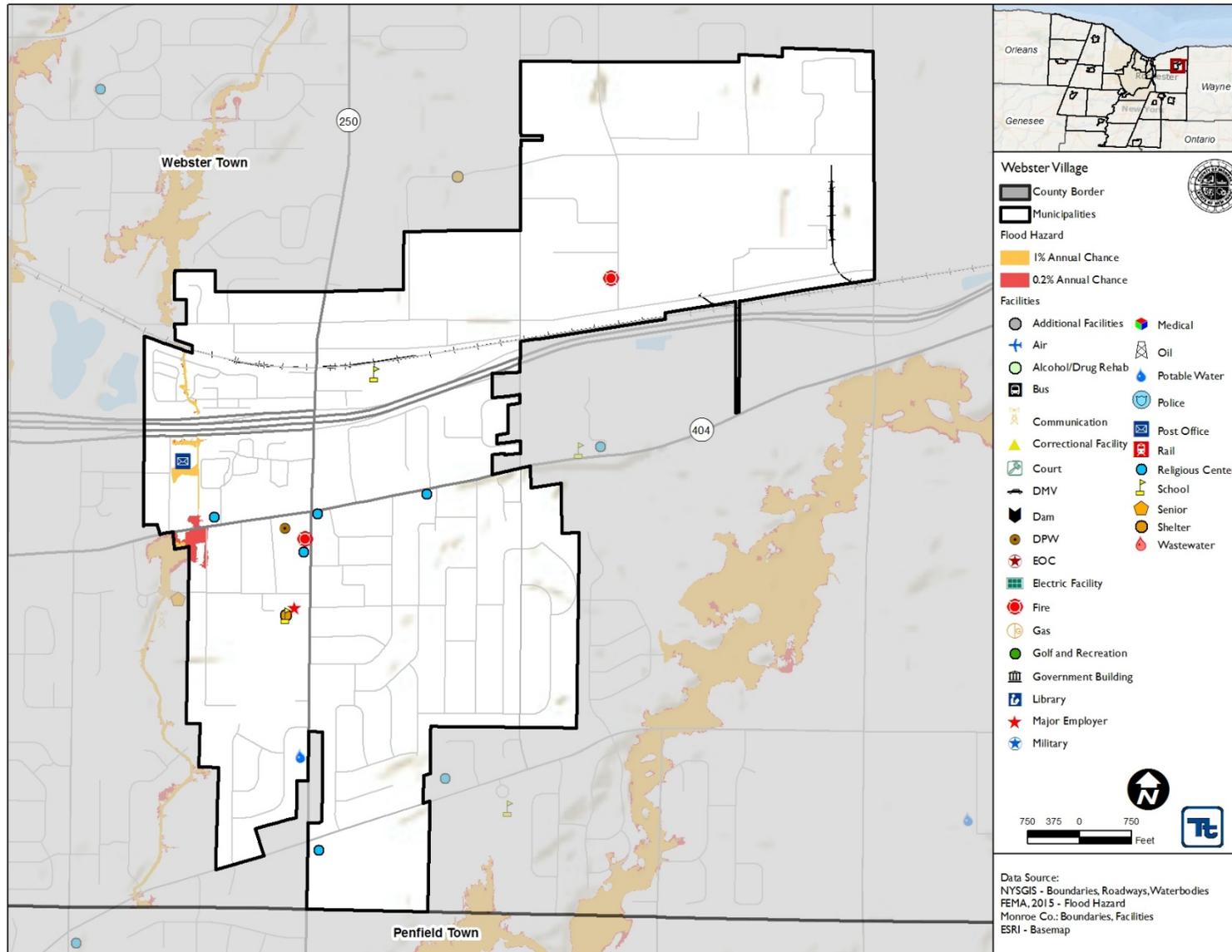




Figure 9.30- 2. Village of Webster 1% and 0.2% Floodplain Map





Name of Jurisdiction:	Village of Webster
Name and Title Completing Worksheet:	Jake Swingly, Superintendent of DPW/Will Barham, Code Enforcement
Action Number:	VWB-1
Mitigation Action Name:	Floodplain/Critical Facilities

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm
Specific problem being mitigated:	The Village has relatively few properties within the floodplain. However, a catastrophic failure of the facilities could have long-reaching environmental and fiscal impacts. Although outside of the floodplain, the digesters at the Sewage Treatment Plant (STP) are adjacent to and uphill from the Mill Creek floodplain.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	<p><u>Moving Facilities:</u> Drying beds at the STP are within the floodplain. Moving the facilities would require relocation of drying beds and reengineering of material handling equipment, as material is currently gravity fed to drying beds. Drying beds have been rarely used since installation of centrifuge for sludge drying.</p> <p><u>Build Floodwall:</u> This action was considered in 2006. It was not a cost-effective alternative.</p>
Action/Project Intended for Implementation	
Description of Selected Action/Project	<p><u>Adjust Operations, Repair Digesters:</u> A 2015 study confirmed need to rehabilitate the digester structures. In addition, in 2016, the Village will cease storing bio-solids in the structures within the floodplain. As a result, the Village will no longer have the material necessary to continue its composting operation. The composting pad, located outside of the floodplain, will be converted to a storage area for equipment currently stored within the floodplain.</p> <p>In addition, a more comprehensive study of the STP is scheduled for 2016; this study should include a review of the supernatant pump station at the plant that is located within the floodplain.</p> <p><u>Enforcement:</u> Enforce local codes and FEMA requirements when considering approvals for construction within floodplain.</p>
Mitigation Action Type	SIP
Goals Met	1, 3
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	A catastrophic failure of the digesters could impact the Mill Creek flood plain. A rehabilitation of the digesters could harden the structures for continued operation and prevent failure. The structures are not in danger from flooding or severe storm, but their failure during such an event could multiply the impact. Moving the equipment currently stored in the floodplain is a low-cost, high-impact measure that can ensure safety and availability of the equipment and avoid losses.



	Enforcement of local codes and FEMA requirements can prevent an increase in the number of structures within the flood plain.
Estimated Cost	\$1.1 Million (High)
Priority*	High
Plan for Implementation	
Responsible Organization	Village Board, Village DPW, Code Enforcement, and Planning Board
Local Planning Mechanism	Study of STP is currently scheduled. Enforcement: Enforcement of local codes and FEMA requirements are part of ongoing activities during review. Added to the process will be a checklist to ensure documentation of compliance with these requirements.
Potential Funding Sources	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County, Annual Village Budget
Timeline for Completion	Application for grants shall be completed upon receipt of the final study. Changes to enforcement processes shall be implemented immediately.
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:



Action Number:

VWB-1

Mitigation Action Name:

Floodplain/Critical Facilities

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Associated risk from failure of critical facilities
Property Protection	1	Direct damage to critical facilities and related damage to other Village facilities as a consequence of STP failure.
Cost-Effectiveness	1	Costs of property damage/cleanup from a failure are far more than costs of repair.
Technical	0	
Political	1	
Legal	1	
Fiscal	-1	Requires external funding.
Environmental	1	The project will improve existing infrastructure. Floodplains will be maintained while reducing risk.
Social	1	The proposed project will not adversely impact one segment of the population.
Administrative	1	The project will be administered by Village staff.
Multi-Hazard	1	Flood, severe storm
Timeline	1	
Agency Champion	0	
Other Community Objectives	1	The project is consistent with the comprehensive plan's objective of continuing to invest in infrastructure.
Total	10	
Priority (High, Med., or Low)	High	



Name of Jurisdiction:	Village of Webster
Name and Title Completing Worksheet:	Jake Swingly, Superintendent of DPW/Will Barham, Code Enforcement
Action Number:	VWB-3
Mitigation Action Name:	Permanent Back-Up Power Supply

Assessing the Risk	
Hazard(s) addressed:	All Hazards
Specific problem being mitigated:	During hazard events, facilities could lose power. A continuous source of power is necessary to maintain normal facility operation.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	<p><u>Portable Generators:</u> Continued use of portable generators has limitations. When individual mobile units fail, communicating those failures across all potential users and locating additional mobile units to take place of failed units is difficult.</p> <p><u>Diesel Generators:</u> Installation of diesel standby generators is not considered due to locations and requirement for on-site fuel storage.</p>
Action/Project Intended for Implementation	
Description of Selected Action/Project	<u>Generator Installation:</u> Installation of natural gas standby generators at all critical facilities.
Mitigation Action Type	SIP, NRP
Goals Met	2, 3
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	<p>Failure of the power supply at the Woodstone and/or Ashwood pump stations would cause failure of the pumps, and thus could result in backup of sewage into structures.</p> <p>Failure of power at the STP could result in ineffective treatment of sewage.</p> <p>Failure of power at the Village Hall could result in failure of communications and hindrance of ability to respond to emergencies.</p>
Estimated Cost	\$95,000 (High)
Priority*	High
Plan for Implementation	
Responsible Organization	DPW
Local Planning Mechanism	Administration of this measure shall be added to DPW project list.
Potential Funding Sources	Annual budget, hazard mitigation grant
Timeline for Completion	As funds become available.
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:



Action Number:

VWB-3

Mitigation Action Name:

Permanent Back-Up Power Supply

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	This project ensures property protection at multiple facilities, including critical facilities.
Cost-Effectiveness	1	Costs of property damage/cleanup from a failure are far more than costs of repair.
Technical	1	
Political	1	
Legal	1	
Fiscal	-1	Requires external funding.
Environmental	1	
Social	1	The proposed project will not adversely impact one segment of the population.
Administrative	1	The project will be administered by Village staff.
Multi-Hazard	1	This project can be used to reduce risk against all hazards.
Timeline	1	
Agency Champion	1	The project is championed by the Village DPW and Code Enforcement.
Other Community Objectives	1	
Total	11	
Priority (High, Med., or Low)	High	



Name of Jurisdiction:	Village of Webster
Name and Title Completing Worksheet:	Jake Swingly, Superintendent of DPW/Will Barham, Code Enforcement
Action Number:	VWB-12
Mitigation Action Name:	West Main Street Culvert Rehab

Assessing the Risk	
Hazard(s) addressed:	Flooding, Severe Storm, Utility Failure
Specific problem being mitigated:	In 2012, a section of the west wall of a stacked stone storm culvert collapsed. This culvert takes flows from the entire west side of the Village, as well as flows from the Towns of Webster and Penfield to the south. An emergency installation of three box culvert sections in 2012 resolved the immediate issue. The Village plans to rehabilitate the section of this culvert north of the repair. In addition to potential disruption of drainage, a collapse could affect a sanitary sewer running parallel to the storm culvert over a short distance.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	<u>Installation of Box Culvert:</u> The Village considered installation of a series of box culverts to replace the failing section of the stone culvert. This approach was cost-prohibitive. <u>Relining:</u> The Village considered relining the existing culvert with a ultraviolet (UV) cure-in-place liner. This approach was also cost-prohibitive.
Action/Project Intended for Implementation	
Description of Selected Action/Project	The Village has selected a construction firm to install a storm structure at the transition between the repair and the existing stone culvert. After installation of the structure, the contractor will install a 48-inch poly pipe to convey the flow of the storm culvert.
Mitigation Action Type	SIP
Goals Met	2, 3, 5
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	If the old culvert fails, storm flows will back up, impacting a large portion of the Village. Moreover, a failure of the east wall of the existing stacked stone storm culvert would affect the parallel sanitary sewer, possibly resulting in an escape of untreated sewage into the waterway.
Estimated Cost	\$150,000 (High)
Priority*	High
Plan for Implementation	
Responsible Organization	DPW
Local Planning Mechanism	A capital improvement plan for repair/ rehabilitation of the stone culvert is in place.
Potential Funding Sources	Village budget, CDBG
Timeline for Completion	2016



Reporting on Progress

**Date of Status Report/
Report of Progress**

Date:
Progress on Action/Project:



Action Number:

VWB-12

Mitigation Action Name:

West Main Street Culvert Rehab

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Continued ability of the culvert to handle storm flows is necessary to avoid potential flooding as a result of heavy rains/melt.
Cost-Effectiveness	1	Costs of property damage/cleanup from a failure are far more than costs of repair.
Technical	1	Engineered plans have been created for the repair.
Political	1	The Village Board has set aside funding from a reserve to finance the project along with use of CDBG funding.
Legal	1	
Fiscal	1	The project is partially funded by the Village of Webster using a reserve fund set up for the project. The remainder of the project is funded by a CDBG.
Environmental	1	The project will improve existing infrastructure. Flows will be maintained and not increased or decreased.
Social	1	The proposed project will not adversely impact one segment of the population.
Administrative	1	The project will be administered by Village staff.
Multi-Hazard	1	The project addresses floods, severe storm, and utility failure hazards.
Timeline	1	The project should be completed in 2016.
Agency Champion	1	The project is championed by the village staff and Village Board.
Other Community Objectives	1	The project is consistent with the Comprehensive Plan's objective of continuing to invest in infrastructure.
Total	13	
Priority (High, Med., or Low)	High	