



9.18 TOWN OF PARMA

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

9.18.1 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
Jim Smith, Town Supervisor 1300 Hilton Parma Corners Rd. P.O. Box 728 Hilton, NY 14468 585-392-9461 supervisor@parmany.org	Dennis Scibetta, Building and Development Coordinator 1300 Hilton Parma Corners Rd. P.O. Box 728 Hilton, NY 14468 585-392-9461 building@parmany.org

9.18.2 Municipal Profile

The Town of Parma is in the northwestern quadrant of Monroe County, bordered north by Lake Ontario, east by the Town of Greece, south by the Town of Ogden, and west by the Towns of Hamlin, Clarkson, and Sweden. The Town of Parma encompasses 42 square miles of land and 1 square mile of water, and has a population of 15,633, according to the 2010 U.S. Census. Other than the shoreline of Lake Ontario, Salmon, West, and Otis Creeks are the most significant local waterways in the Town of Parma.

The Town of Parma was established in 1808, named after an Italian city. Parma Corners was the first community of importance, built around the regional intersection of Ridge Road and Canawaugus Road (present-day Route 259), where the local animal rescue pound and wood block tavern house were erected in the Town’s early years. Parma Center was the next hub to be developed, but the coming of a railroad along the lake shore in 1876 resulted in growth of North Parma, which later came to be named the Village of Hilton. Today, the entire Village of Hilton is within the Town of Parma. Parma Center and Parma Corners remain notable locations and activity centers within the Town.

Growth/Development Trends

Table 9.18-1 below summarizes recent residential/commercial development in the Town of Parma 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 9.18-9 of this annex: Figure 9-18-1 illustrates landslide and wildfire hazard areas, and Figure 9-18-2 is a floodplain map.

Table 9.18-1. 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					
DOAN Chevy expansion	Commercial	Building & Parking	W. Ridge	Water run-off	Complete
Country Max Store	Commercial	Building & Parking	W. Ridge	Water run-off	Complete
Lorham	Commercial	Building & Parking	5324 W. Ridge	Water run-off	Complete
Known or Anticipated Development within the Next 5 Years					





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
Sciortino Development	Residential	60 to 70	South Ave	None	Early stages
Saddlewood	Residential	22	N. Union	None	Site plan submitted

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

9.18.3 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 is presented in Table 9.18-2 below. For details of these and additional events, refer to Volume I, Section 5.0 of this Plan.

Table 9.18-2. Hazard Event History

Dates of Event	Event Type	Federal Emergency Management Agency (FEMA) Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
May 21, 2013	Hail	Not applicable (N/A)	N/A	Hail reports were received from around Monroe County. Hail of 1.5 inches was reported in Parma, and the Town sustained \$5,000 in damages as automobiles were damaged by hail stones.

9.18.4 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 the hazard vulnerabilities and their ranking in the Town of Parma. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

Hazard Risk/Vulnerability Risk Ranking

Table 9.18-3 below summarizes hazard risk/vulnerability rankings of potential hazards for the Town of Parma. The hazards of concern for the Town are those with a High hazard ranking.

Table 9.18-3. 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: \$2,589,466,313	Frequent	48	High
Severe storm	Expected Losses from Wind Alone: \$0	Frequent	48	High
Wildfire	Exposed Value in the WUI: \$1,338,873,777	Frequent	48	High
Utility failure	Damage Estimate Not Available	Frequent	39	High
Extreme temperature	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
Infestation	Damage Estimate Not Available	Frequent	36	High
Severe winter storm	1% Damage Loss Estimate: \$16,633,004 5% Damage Loss Estimate: \$83,165,022 10% Damage Loss Estimate: \$166,330,045	Frequent	36	High
Earthquake ^{4,5}	100-year MRP GBS: \$121,969 500-year MRP GBS: \$2,168,563 2,500-year MRP GBS: \$25,228,867 Annualized: \$29,965	Frequent	30	Medium
Flood ⁴	1% annual chance: \$36,887,982	Frequent	18	Medium
Terrorism	Damage Estimate Not Available	Frequent	18	Medium
Civil unrest	Damage Estimate Not Available	Occasional	12	Low
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.

MRP Mean return period
GBS General building stock
WUI Wildland- urban interface

National Flood Insurance Program (NFIP) Summary

Table 9.18-4 below summarizes NFIP statistics for the Town of Parma.

Table 9.18-4. 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)
Parma (T)	100	9	\$46,158	0	0	77

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.

T Town





Critical Facilities

Table 9.18-5 below presents Hazards United States – Multi-Hazards (HAZUS-MH) estimates of damage to and loss of use of critical facilities in the community as a result of 1- and 0.2-percent annual chance flood events.

Table 9.18-5. 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

Otis Creek originates south of the New York State Barge Canal, southeast of the Village of Brockport, flowing in a generally northeast direction through the Town of Clarkson before entering the Town of Parma approximately 300 feet south of the intersection of Route 18 and Town Line Road. From this point, it flows eastward to its confluence with Salmon Creek southeast of the intersection of Route 18 and Hill Road. Salmon, East, and Brush Creeks also flow through the Town.

9.18.5 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 9.18-6 below summarizes regulatory tools available to the Town of Parma.



Table 9.18-6. 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	Yes	Local	Planning Board	1989 Town of Parma Master Plan
Capital Improvements Plan	No	-	-	-
Floodplain Management / Basin Plan	No	-	-	-
Stormwater Management Plan	Yes	Local, Regional	Building Department	Stormwater Coalition's Draft 2011-2012 Joint Annual Report
Open Space Plan	Yes	Local	Farmland and Open Space Committee, Zoning	Agricultural and Farmland Protection Plan
Stream Corridor Management Plan	No	-	-	-
Watershed Management or Protection Plan	No	-	-	-
Economic Development Plan	No	-	-	-
Comprehensive Emergency Management Plan	No	-	-	-
Emergency Response Plan	No	-	-	-
Post-Disaster Recovery Plan	No	-	-	-
Transportation Plan	No	-	-	-
Strategic Recovery Planning Report	No	-	-	-
Other Plans:				
Regulatory Capability				
Building Code	Yes	Local	Building Department	Building Code Administration Chapter 24
Zoning Ordinance	Yes	Local	Planning Board, Zoning Board of Appeals	Zoning Chapter 165
Subdivision Ordinance	Yes	Local	Planning Board, Zoning Board of Appeals	Subdivision of Land Chapter 130
NFIP Flood Damage Prevention Ordinance	Yes	Local	Building Department	Flood Damage Prevention Chapter 59
NFIP: Cumulative Substantial Damages	No	-	-	-
NFIP: Freeboard	Yes	State, Local	-	State-mandated Base Flood Elevation (BFE)+2 for single and two-family residential construction, BFE+1 for all other construction types
Growth Management Ordinances	No	-	-	-



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.)
Site Plan Review Requirements	No	-	-	-
Stormwater Management Ordinance	Yes	Local	Building Department	Stormwater Management Chapter 128
Municipal Separate Storm Sewer System (MS4)	Yes	Local	Building Department	Illicit Discharge Connection Stormwater Ordinance
Natural Hazard Ordinance	No	-	-	-
Post-Disaster Recovery Ordinance	No	-	-	-
Real Estate Disclosure Requirement	Yes	-	-	New York State (NYS) mandate, Property Condition Disclosure Act, <i>NY Code</i> – Article 14 §460-4679
Other (Special Purpose Ordinances [i.e., sensitive areas, steep slope])	Yes	Local		Freshwater Wetlands Chapter 62

Administrative and Technical Capability

Table 9.18-7 below summarizes potential staff and personnel resources available to the Town of Parma.

Table 9.18-7. Administrative and Technical Capabilities

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Planning Board
Mitigation Planning Committee	No	-
Environmental Board/Commission	Yes	Conservation Advisory Board
Open Space Board/Committee	Yes	Farmland and Open Space Committee
Economic Development Commission/Committee	No	-
Maintenance programs to reduce risk	No	-
Mutual aid agreements	No	-
Technical/Staffing Capability		
Planner(s) or engineer(s) with knowledge of land development and land management practices	Yes	Building and Development Coordinator
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Yes	Deputy Fire Marshal
Planners or engineers with an understanding of natural hazards	Yes	Department of Public Works (DPW)
NFIP Floodplain Administrator (FPA)	Yes	Building and Development Coordinator
Surveyor(s)	No	-
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS_– Multi-Hazards (MH) applications	No	-
Scientist familiar with natural hazards	No	-
Emergency Manager	No	-
Grant writer(s)	Yes	DPW





Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Staff with expertise or training in benefit/cost analysis	No	-
Professionals trained in conducting damage assessments	No	-

Fiscal Capability

Table 9.18-8 below summarizes financial resources available to the Town of Parma.

Table 9.18-8. Fiscal Capabilities

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

Community Classifications

Table 9.18-9 below summarizes classifications of community programs available to the Town of Parma.

Table 9.18-9. Community Classifications

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

Note:

- Unavailable





The classifications listed above relate to the community's ability to provide effective services to lessen its vulnerability to the hazards identified. These classifications can be viewed as a gauge of the community's capabilities in all phases of emergency management (preparedness, response, recovery, and mitigation) and are used as an underwriting parameter for determining the costs of various forms of insurance. The 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 ISO Mitigation online ISO's Public Protection website at <https://www.isomitigation.com/ppc/>
- The National Weather Service Storm Ready website at <http://www.stormready.noaa.gov/index.html>
- The National Firewise Communities website at <http://firewise.org/>

National Flood Insurance Program

NFIP Floodplain Administrator (FPA)

The Building Department is appointed local FPA to administer and implement the flood damage prevention ordinance by granting or denying floodplain development permits.

Compliance History

As of June 30, 2015, 100 policies were in force in the Town of Parma, 77 of which were within the 1% flood boundary. No repetitive loss or severe repetitive loss properties are in the Town. Between 1978 and June 30, 2015, nine claims were paid within the Town totaling \$46,158. According to the NFIP Policy Statistics report available at the time of this Plan, policies in the Town of Parma insure roughly \$16.5 million of property with total annual insurance premiums of \$104,436.

Community Rating System

The Town of Parma 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 9.18-10 presented later in this annex.

- The Town Department of Public Works (DPW) solicits and maintains mutual aid agreements with the Village of Hilton DPW as part of its ongoing annual operations.
- The Town Code enforcement officer enforces government permit processes.
- The Town Building and Development Coordinator provides comprehensive inspection services for existing and/or new infrastructure as part of ongoing municipal operations.
- The Town Building and Development Coordinator administers a Floodplain Management Program as part of ongoing municipal operations.
- The Town DPW maintains public infrastructure as part of ongoing municipal operations.
- The Town DPW solicits inter-municipal and interagency cooperation as part of ongoing municipal operations.



- The Town Code Enforcement Officer enforces Building Codes as required for existing and new infrastructure as part of ongoing municipal operations.

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 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 is provided below. In addition, the community identified specific integration activities to be incorporated into municipal procedures.

Planning

Land Use Planning: The Town of Parma 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.

Regulatory and Enforcement

Building Code Administration Chapter 24: Building codes are strictly enforced to prepare new and renovated buildings as well as possible for hazard-related incidents. The Town complies with New York State Uniform Fire Prevention and Building Code (the Uniform Code) and the State Energy Conservation Construction Code (the Energy Code).

Flood Damage Prevention Chapter 59: This article 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.

Freshwater Wetlands Chapter 62: This chapter establishes the Town's authority over any activities related to wetlands. It notes that freshwater wetlands are an invaluable resource for flood protection, wildlife habitat, open space, water resources, recreation, and more, and it seeks to preserve and protect local freshwater wetlands.

Stormwater Management Chapter 128: The Town's stormwater management chapter seeks to mediate adverse impacts of stormwater runoff rates, sediment transport, and erosion caused by existing drainage systems. It also serves to minimize/control degradation of water quality in the Town.

Subdivision of Land Chapter 130: The Town'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 165: The Town of Parma zoning code includes districts and standards pertaining to mitigation of hazards. The district of most note for hazard mitigation is the Environmental Protection Overlay District (EPOD). The EPOD is further divided into environmental areas of concern (large/small wetland protection districts, floodplain protection district, stream corridor protection district, woodlot protection district, and lakefront coastal erosion hazard district).

Fiscal

Operating Budget: The Town's operating budget includes 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, Town of Parma 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, . Town emergency responders also have the option to attend courses at the Monroe County Public Safety Training Facility.

The Town of Parma provides hazard information to its residents via its website. In August 2015, the Town posted an Invasive Species Watch (Giant Hogweed) under its Featured News Category on its home page. Additionally on its homepage, the Town posts links to a Plum Pox Virus Survey by the U.S. Department of Agriculture (USDA), information about the Town's participation in the Monroe County Stormwater Coalition, and upcoming road work notices for general safety information.

In addition, residents can sign up for reverse 911 cell phone notifications of emergency situations through the Monroe County Emergency Communications Department.



9.18.6 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 9.18-10 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 9.18-10, and also appear under "Capability Assessment" presented previously in this annex. Actions carried forward as part of this plan update are included in the following subsection (in Table 9.18-11) with prioritization.



Table 9.18-10. 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 2016 HMP or Discontinue)	Describe Next Step 1. If including action in the 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
ES-3: Establish an active Recruitment and Retention (of providers) Program.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
ES-4: Stockpile emergency supplies.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
ES-5: Solicit “Mutual Aid” agreements.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
ES-5: Solicit “Mutual Aid” agreements.	DPW	Complete	Village of Hilton DPW	Discontinue	Integrated into the Town’s normal operations. Moved to ongoing capability.
ES-6: Engage emergency service jurisdictions in local municipal government processes.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
NRP-1: Ensure proper disposal of Hazardous Waste.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
NRP-2: Enforce government permit processes. This may pertain to existing and/or new infrastructure.	Code enforcement officer	Complete	Ongoing	Discontinue	Integrated into the Town’s normal operations. Moved to ongoing capability.
NRP-3: Provide comprehensive inspection services. This may pertain to existing and/or new infrastructure.	Building and Development coordinator	Complete	Ongoing	Discontinue	Integrated into the Town’s normal operations. Moved to ongoing 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 2016 HMP or Discontinue)	Describe Next Step 1. If including action in the 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
NRP-4: Administer a Floodplain Management Program. This may pertain to existing and/or new infrastructure.	Building and Development coordinator	Complete	Ongoing	Discontinue	Integrated into the Town's normal operations. Moved to ongoing capability.
NRP-5: Maintain "Urban Forests."	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
PEA-3: Review Utility Service & restoration plans.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
PEA-4: Identify and utilize a "Speakers Bureau."	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
PP-1: Identify "special hazard" areas.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
PP-2: Maintain public infrastructure. This may pertain to existing and/or new infrastructure.	DPW	Complete	Ongoing	Discontinue	Integrated into the Town's normal operations. Moved to ongoing capability.
PP-3: Solicit inter-municipal and interagency cooperation.	DPW	Complete	Ongoing	Discontinue	Integrated into the Town's normal operations. Moved to ongoing capability.
PP-4: Promote purchase of appropriate hazard insurance policies. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.



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 2016 HMP or Discontinue)	Describe Next Step 1. If including action in the 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
PP-5: Property acquisition	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
PR-1: Enforce Building Code as required for existing and new infrastructure.	Code Enforcement officer	Complete	Ongoing	Discontinue	Integrated into the Town's normal operations. Moved to ongoing capability.
PR-2: Comply with applicable federal and state regulations.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
PR-5: Regular review of Local Laws	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
SP-1: Disaster "proof" public facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
SP-2: Secure and provide redundant critical systems and facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
SP-3: "Target Harden" facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
SP-4: Expand fiber telecommunications networks.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.



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 2016 HMP or Discontinue)	Describe Next Step 1. If including action in the 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
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 Town.
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 Town.
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 Town.
FI-ES-1: Provide Special Operations and Tactical Rescue training including water rescue training	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
FI-PEA-1: Provide information about the Erie Canal and its spillway locations	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
FI-PP-1: Encourage affected property owners to purchase Flood Insurance. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
FI-PP-2: Participate in the federal Community Rating System. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
FI-PP-5: Local Projects with the U.S. Army Corps of Engineers, “Risk Management Program.” Levy inspection, safety analysis and maintenance	N/A	No Progress	N/A	Discontinue	Not applicable to Town.





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 2016 HMP or Discontinue)	Describe Next Step 1. If including action in the 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
requirements (SEMO Region V meeting, 7.29.08).					
Fl-PR-1: Implement an annual, "Waterway/Drainage Maintenance" Program	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Fl-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.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Fl-SP-2: Local Project. Implement municipal mitigation measures identified by USGS modeling, proposed by the Storm Water Coalition and agreed by local parties. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Fl-SP-5: Local Project. Design and build a regional detention facility upstream of the Rolling Meadows and Tallwoods Subdivision in the Town of Parma.	DPW	No Progress	N/A	Include in the 2016 HMP	Design and build a regional detention facility upstream of the Rolling Meadows and Tallwoods Subdivision in the Town of Parma.
Fl-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	DPW	Complete	Complete	Discontinue	Project completed – no longer applicable.



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 2016 HMP or Discontinue)	Describe Next Step 1. If including action in the 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
storm construction standards.					
Ice-ES-1: Develop a strategy to reduce the time it takes to clear streets (Rights-of-Way) of debris	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-ES-2: Regularly review restoration priorities	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-ES-3: Enhance utility “Town Liaison” Program	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PEA-2: Develop alternate communications plan	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PEA-3: Provide automated utility restoration schedule to the public	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PEA-4: Provide more public outreach during an emergency	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PEA-5: Expand utility Customer Service capacity	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PEA-6: Expand information available on websites	N/A	No Progress	N/A	Discontinue	Not applicable to Town.



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 2016 HMP or Discontinue)	Describe Next Step 1. If including action in the 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Ice-PP-1: Encourage installation of backup power supply. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PR-1: Implement an “Annual, Tree/Stream Maintenance Program”	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PR-2: Relocate vulnerable utilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PR-3: Develop DPW/DOT Plans for debris clearance, removal, and disposal	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PR-4: Lobby state and federal officials to require permanent installation of emergency generators on-site at health care facilities and elderly housing facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-SP-1: Install permanent backup power supply at public facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Land-PEA-1: Local Project. Promote understanding and use of (telephone number) 811, “Call Before You Dig.”	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Land-PR-1: Local Project. Enact Local Laws: to restrict development on steep slopes; to require property owners and/or	N/A	No Progress	N/A	Discontinue	Not applicable to Town.





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 2016 HMP or Discontinue)	Describe Next Step 1. If including action in the 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
mine operators to rehabilitate open mines at closing. This may pertain to existing and/or new infrastructure.					
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.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
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 Town.
Terr-PR-1: Provide intelligence to local authorities about legal surveillance and threat assessment activities.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Terr-PR-2: Review emergency plans for public facilities to ensure that appropriate measures are considered and referenced	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
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 Town.
Trans-PEA-1: Local Project. Provide traffic reports through the local broadcasters	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Trans-PEA-2: Local Project. Provide construction information and project status on sites that impact traffic	N/A	No Progress	N/A	Discontinue	Not applicable to Town.



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 2016 HMP or Discontinue)	Describe Next Step 1. If including action in the 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Util-ES-1: Local Projects. Provide power back-up supply for municipal fueling stations. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Util-PP-1: Local Utilities Project. Preserve capacity to generate local power and enhance the ability to segregate local supply from the national power grid during major failures, e.g. August 14, 2003. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
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.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.



Completed Mitigation Initiatives not Identified in the Previous Mitigation Strategy

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

Flood mitigation along Route 259 in the Town of Parma. Parma DPW is currently seeking a state grant to fund this project.

Proposed Hazard Mitigation Initiatives for the Plan Update

The Federal Emergency Management Agency (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 the mitigation strategies and action worksheets, as necessary.

Table 9.18-11 summarizes the comprehensive range of specific mitigation initiatives the Town of Parma would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. 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 9.18-11 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 9.18-11 below summarizes evaluation of each mitigation initiative, listed by Action Number.

Table 9.18-12 summarizes prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.18-11. 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
TPM -1	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. (FI-SP-5)	Existing	Flood, severe storm	1, 2	DPW	Medium	Medium-High	Operating budget, State Grant	DOF	High	SIP NSP	PP NR
TPM -2	Flood mitigation along Route 259 in the Town of Parma. Parma DPW is currently seeking a state grant to fund this project.	Existing	Flood, severe storm	1, 2	DPW	Medium	Medium	State Grant	DOF	High	SIP	SP PR
TPM -3	Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas, and actions they can take to protect their properties.	Existing	Earthquake, Extreme Temperatures, Flood, Infestation, Landslide, Severe Storms, Severe Winter Storms, Wildfire, HazMat, Utility Failure	1, 3, and 4	Town Clerk	High	Low	Operating budget	OG	High	EAP	PI
TPM -4	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.	N/A	All Hazards	1, 4	Monroe County, Town/Village Emergency Management Committee (EMC), Building, Highway, Code Enforcement, Planning	Medium	Low – Staff Time	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Ongoing	High	LPR EAP	PI

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.
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:

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.
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 9.18-12. 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
TPM-1	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. (FI-SP-5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	High
TPM-2	Flood mitigation along Route 259 in the Town of Parma. Parma DPW is currently seeking a state grant to fund this project.	1	1	1	1	0	1	0	0	0	1	1	1	1	0	9	High
TPM-3	Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas, and actions they can take to protect their properties.	1	1	1	1	1	1	1	0	1	-1	1	1	1	1	11	High
TPM-4	Attend county and state trainings, and complete certification programs with respect to hazard risk management in BCA, Recovery Planning, Damage Estimates, and Debris Management.	1	1	1	1	0	1	1	0	0	1	1	1	0	1	10	High

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





9.18.7 Future Needs To Better Understand Risk/Vulnerability

None at this time.

9.18.8 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Town of Parma that illustrate areas probably to be impacted within the municipality (see Figures 9.18-1 and 9.18-2 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., wildfire and flooding) that can be clearly identified via application of mapping techniques and technologies, and to which the Town of Parma has significant exposure. These maps also appear in the hazard profiles within Section 5.4, Volume I of this Plan.

9.18.9 Additional Comments

None at this time.



Figure 9.18-1. Town of Parma Landslide and Wildfire Hazard Area Extent and Location Map

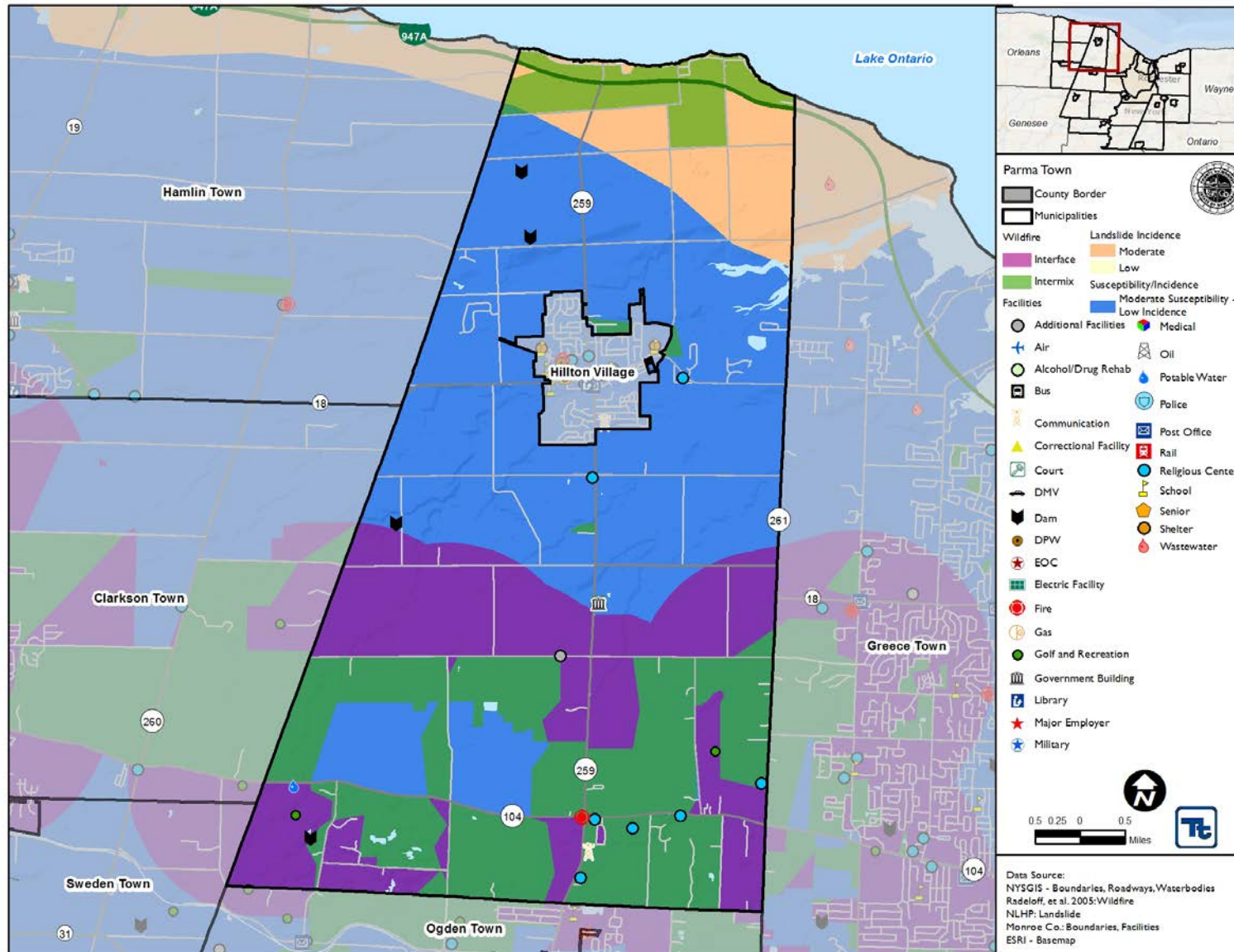
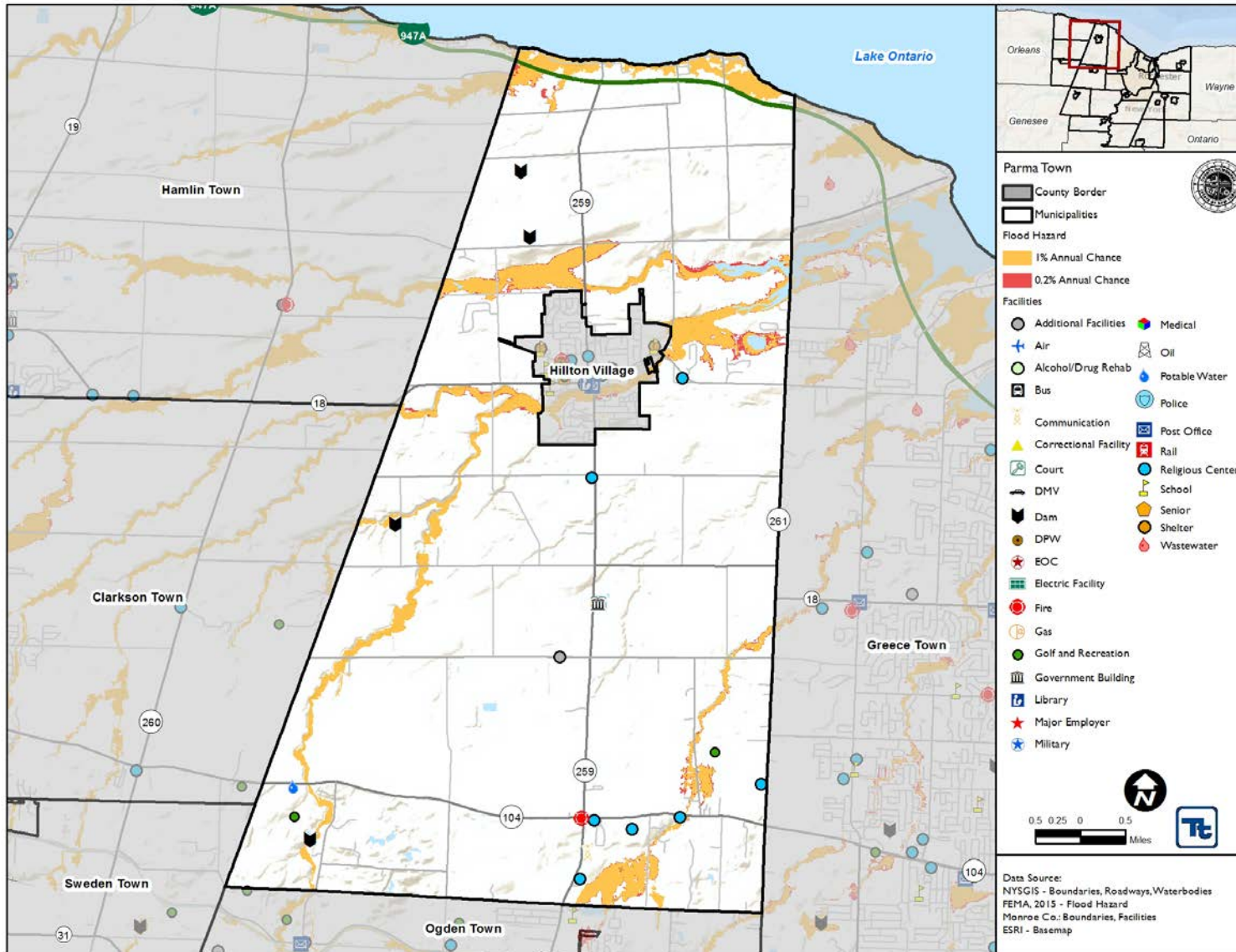




Figure 9.18-2. Town of Parma Hazard Area 1% and 0.2% Floodplain Map





Action Number:

TPM-1

Mitigation Action Name:

Design and build a regional detention facility upstream of the Rolling Meadows and Tallwoods Subdivision in the Town of Parma.

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm
Specific problem being mitigated:	Flooding at Rolling Meadows and Tallwoods Subdivision
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	<ol style="list-style-type: none"> 1. Do nothing – vulnerability continues or worsens 2. Design and build a regional detention facility upstream – selected action
Action/Project Intended for Implementation	
Description of Selected Action/Project	Design and build a regional detention facility upstream of the Rolling Meadows and Tallwoods Subdivision in the Town of Parma.
Mitigation Action Type	SIP
Goals Met	1, 2
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	Medium
Estimated Cost	Medium-High
Priority*	
Plan for Implementation	
Responsible Organization	DPW
Local Planning Mechanism	--
Potential Funding Sources	Operating budget, State Grant
Timeline for Completion	Depending on Funding
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:



Action Number:

TPM-1

Mitigation Action Name:

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.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Reduce risk of residential flooding, increasing safety.
Property Protection	1	Property protection and flood mitigation at a regional level.
Cost-Effectiveness	1	Most cost-effective project option.
Technical	1	Technically feasible.
Political	0	
Legal	1	Town has jurisdiction over selected property.
Fiscal	0	May require external funding.
Environmental	0	
Social	1	Will benefit large number of residents.
Administrative	0	Town has administrative capabilities to manage the project.
Multi-Hazard	1	Flood, Severe Storm
Timeline	0	DOF
Agency Champion	0	
Other Community Objectives	1	
Total	8	
Priority (High, Med, or Low)	High	



Name of Jurisdiction: Town of Parma

Name and Title Completing Worksheet: _____

Action Number: TPM-2

Mitigation Action Name: Flood mitigation along Route 259 in the Town of Parma.

Assessing the Risk	
Hazard(s) addressed:	Flood, severe storm
Specific problem being mitigated:	Heavy rains cause localized flooding along Route 259
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	<ol style="list-style-type: none"> 1. Do nothing (flooding continues) 2. Relocate the roadway (cost prohibitive) 3. Upgrade stormwater management infrastructure (chosen option)
Action/Project Intended for Implementation	
Description of Selected Action/Project	Upgrade stormwater management infrastructure along Route 259
Mitigation Action Type	SIP
Goals Met	1, 2
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	Medium
Estimated Cost	Medium
Priority*	High
Plan for Implementation	
Responsible Organization	DPW
Local Planning Mechanism	None
Potential Funding Sources	State Grant
Timeline for Completion	Depending on funding
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:



Action Number:

TPM-2

Mitigation Action Name:

Flood mitigation along Route 259 in the Town of Parma.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	1	
Fiscal	0	
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	1	
Other Community Objectives	0	
Total	9	
Priority (Tier I, II or III)	High	