



9.27 TOWN OF YORK

This section presents the jurisdictional annex for the Town of York. It includes resources and information to assist public and private sectors to reduce losses from future hazard events. This annex is not guidance of what to do when a disaster occurs. Rather, this annex concentrates on actions that can be implemented prior to a disaster to reduce or eliminate damage to property and people. This annex includes a general overview of the municipality and who in the Town participated in the planning process; an assessment of the Town of York’s risk and vulnerability; the different capabilities utilized in the Town; and an action plan that will be implemented to achieve a more resilient community.

9.27.1 Hazard Mitigation Planning Team

The following individuals, shown in Table 9.27-1 have been identified as the Town of York’s hazard mitigation plan primary and alternate points of contact. The Town of York followed the planning process described in Section 3 (Planning Process) in Volume I of this plan update. This annex was developed over the course of several months with input from many Town departments, including: the Supervisor, the Town Clerk, Code Enforcement Officer, and Highway Superintendent. The Code Enforcement Officer represented the community on the Livingston County Hazard Mitigation Plan Planning Partnership and supported the local planning process requirements by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.

The following table summarizes municipal officials that participated in the development of the annex and in what capacity. Additional documentation on the municipality’s planning process through Planning Partnership meetings is included in Section 3 (Planning Process) and Appendix C (Meeting Documentation).

Table 9.27-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Carl Peter, Code Enforcement Officer Address: 2668 Main St., P.O. Box 187, York, NY 14592 Phone Number: 585-245-2687 Email: carlpeter@frontiernet.net	Name/Title: Christine Harris, Town Clerk Address: 2668 Main St., P.O. Box 187, York, NY 14592 Phone Number: 585-243-3128 ext. 2 Email: yorkclrk@rochester.rr.com
NFIP Floodplain Administrator	
Name/Title: Carl Peter, Code Enforcement Officer Address: 2668 Main St., P.O. Box 187, York, NY 14592 Phone Number: 585-245-2687 Email: carlpeter@frontiernet.net	
Additional Contributors	
Name/Title: Gerald Deming, Supervisor Method of Participation: Provided information	
Name/Title: Dustin Geiger, Fire and Emergency Medical Services Manager Method of Participation: Attended meetings, provided information	
Name/Title: George Warden, Jr., Highway Superintendent Method of Participation: Provided information	



9.27.2 Municipal Profile

According to the U.S. Census Bureau, the Town encompasses a land area of 49.1 square miles. The Town of York shares a border with the Towns of Avon, Caledonia, Covington, Geneseo, Groveland, Leicester and the Counties of Genesee, and Wyoming.

According to the U.S. Census, the 2020 population for the Town of York was 3,182, a 1.15 percent decrease from the 2010 Census. Data from the 2019 U.S. Census American Community Survey indicate that 4.2 percent of the population is 5 years of age or younger and 16.3 percent is 65 years of age or older. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

9.27.3 Jurisdictional Capability Assessment and Integration

The Town of York performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Section 5 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. This section summarizes the following findings of the assessment:

- An assessment of planning, legal and regulatory capabilities.
- Development and permitting capabilities.
- An assessment of administrative and technical capabilities
- An assessment of fiscal capabilities.
- An assessment of education and outreach capabilities.
- Classification under various community mitigation programs.
- The community’s adaptive capacity to withstand hazard events.

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, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress in plan integration and how risk reduction is supported. Areas with current mitigation integration are summarized in this jurisdictional Capability Assessment (Section 9.27.3). The Town of York’s identified opportunities for integration of mitigation concepts to be incorporated into municipal procedures are included in the updated mitigation strategy.

Planning, Legal, and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Town of York. Section 5 (Capability Assessment) provides an overview of the planning, legal and regulatory capabilities. The following table summarizes what is present in the jurisdiction and discusses if the mechanisms have been or could be leveraged to reduce risk.

Table 9.27-2. Planning, Legal, and Regulatory Capability

	Jurisdiction has this? (Yes/No)	Required by State? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Codes, Ordinances, & Regulations					
Building Code	Yes	Yes	2020 NYS Code	State and Local	Zoning/Code Enforcement Officer
<i>How does this reduce risk?</i>					
Zoning/Land Use Code	Yes	No	L.L. #2 of 2018	Local	Zoning/Code Enforcement Officer





	Jurisdiction has this? (Yes/No)	Required by State? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
How does this reduce risk?					
Identifies types of structures that can be built in the town, including in hazard areas.					
Subdivision Ordinance	Yes	No	L.L. #2 of 2018	Local	Zoning/Code Enforcement Officer
How does this reduce risk?					
Site Plan Ordinance	Yes	No	Town Zoning Ordinance	Local and County	Zoning/Code Enforcement Officer
How does this reduce risk?					
By thoughtfully managing development within Town.					
Stormwater Management Ordinance	No	Yes		Local	
How does this reduce risk?					
Post-Disaster Recovery/ Reconstruction Ordinance	No	No		No	
How does this reduce risk?					
Real Estate Disclosure	Yes	Yes	Property Condition Disclosure Act, NY Code - Article 14 §460-467	State	NYS Department of State, Real Estate Agent
How does this reduce risk?					
In addition to facing potential liability for failing to disclose under the exceptions to “caveat emptor,” a home seller must make certain disclosures under the law or pay a credit of \$500 to the buyer at closing. While the PCDA requires a seller to complete a standardized disclosure statement and deliver it to the buyer before the buyer signs the final purchase contract, in practice, most home sellers in New York opt not to complete the statement and instead pay the credit.					
Growth Management	No	No		Local	
How does this reduce risk?					
Environmental Protection Ordinance	No	Yes			
How does this reduce risk?					
Flood Damage Prevention Ordinance	Yes	Yes - BFE+2 feet for all construction in the SFHA (residential and non-residential)	L.L #2 OF 1981 and 1987	Federal, State, County and Local	Zoning/Code Enforcement Officer
How does this reduce risk?					
Attempts to lower the risk of flooding from development.					
Wellhead Protection	No	No			
How does this reduce risk?					
Emergency Management Ordinance	No	Yes			
How does this reduce risk?					
Climate Change Ordinance	No	No			
How does this reduce risk?					
Other	No	-			
Planning Documents					
Master Plan	No	No			
How does this reduce risk?					
Capital Improvement Plan	No	No			
How does this reduce risk?					



	Jurisdiction has this? (Yes/No)	Required by State? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Disaster Debris Management Plan	No	No			
<i>How does this reduce risk?</i>					
Floodplain Management or Watershed Plan	No	No			
<i>How does this reduce risk?</i>					
Stormwater Management Plan	No	No			
<i>How does this reduce risk?</i>					
Open Space Plan	No	Yes			
<i>How does this reduce risk?</i>					
Urban Water Management Plan	No	No			
<i>How does this reduce risk?</i>					
Habitat Conservation Plan	No	No			
<i>How does this reduce risk?</i>					
Economic Development Plan	No	No			
<i>How does this reduce risk?</i>					
Shoreline Management Plan	No	Yes, in jurisdictions with CEHA areas	Article 34, Environmental Conservation Law, Coastal Erosion Hazard Areas	Yes, in jurisdictions with CEHA areas	
<i>How does this reduce risk?</i>					
Community Wildfire Protection Plan	No	No			
<i>How does this reduce risk?</i>					
Community Forest Management Plan	No	No			
<i>How does this reduce risk?</i>					
Transportation Plan	No	No			
<i>How does this reduce risk?</i>					
Agriculture Plan	No	No		County	
<i>How does this reduce risk?</i>					
Climate Action/ Resiliency/Sustainability Plan	No	No			
<i>How does this reduce risk?</i>					
Tourism Plan	No	No		County	
<i>How does this reduce risk?</i>					
Business/ Downtown Development Plan	No	No		County	
<i>How does this reduce risk?</i>					
Other					
Response/Recovery Planning					
Emergency Operations Plan	No	Yes			
<i>How does this reduce risk?</i>					
Strategic Recovery Planning Report	No	No			





	Jurisdiction has this? (Yes/No)	Required by State? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
<i>How does this reduce risk?</i>					
Threat & Hazard Identification & Risk Assessment (THIRA)	No	Yes			
<i>How does this reduce risk?</i>					
Post-Disaster Recovery Plan	No	No		Federal	
<i>How does this reduce risk?</i>					
Continuity of Operations Plan	No	No			
<i>How does this reduce risk?</i>					
Public Health Plan	No	No		County	
<i>How does this reduce risk?</i>					
Other		-			

Development and Permitting Capability

The table below summarizes the capabilities of the Town of York to oversee and track development.

Table 9.27-3. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Yes/No	Comment
Do you issue development permits? <ul style="list-style-type: none"> If yes, what department is responsible? If no, what is your process for development? 	No	Code Enforcement Officer
Are permits tracked by hazard area? (For example, floodplain development permits.)	No	
Do you have a buildable land inventory? <ul style="list-style-type: none"> If yes, describe. If no, quantitatively describe the level of buildout in the jurisdiction. 	No	

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Town of York and their current responsibilities which contribute to hazard mitigation.

Table 9.27-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Administrative Capability		
Planning Board	Yes	Review through Site Plan Review
Zoning Board of Adjustments	Yes	Review through Variance Criteria
Planning Department	No	
Mitigation Planning Committee	No	
Environmental Board/Commission	No	
Open Space Board/Committee	No	
Economic Development Commission/Committee	Yes	Liv. Co. Economic Dev.
Public Works/Highway Department	Yes	Town Highway, water/sewer dept



Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Construction/Building/Code Enforcement Department	Yes	Code Enforcement Office
Emergency Management/Public Safety Department	Yes	York Highway Dept.
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	Yes	
Mutual aid agreements	No	
Human Resources Manual	Yes	Town Handbook
Other		
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	Yes	CPL – Town Engineering Firm
Engineers or professionals trained in building or infrastructure construction practices	Yes	CPL – Town Engineering Firm
Planners or engineers with an understanding of natural hazards	Yes	CPL – Town Engineering Firm
Staff with expertise or training in benefit/cost analysis	Yes	CPL – Town Engineering Firm
Professionals trained in conducting damage assessments	No	
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	Yes	Livingston County Planning Dept.
Scientist familiar with natural hazards	No	
Surveyor(s)	No	
Emergency Manager	Yes	Livingston County Emergency Management Dept.
Grant writer(s)	Yes, County	County
Resilience Officer	No	
Other (this could include stormwater engineer, environmental specialist, etc.)	No	

Fiscal Capability

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

Table 9.27-5. Fiscal Capabilities

Financial Resources	Are these accessible or eligible to use for mitigation? (Yes/No) If yes, please describe. If no, can this be used to support in the future?
Community development Block Grants (CDBG, CDBG-DR)	No
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas or electric service	Yes
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes



Financial Resources	Are these accessible or eligible to use for mitigation? (Yes/No) If yes, please describe. If no, can this be used to support in the future?
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 (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	No

Education and Outreach Capability

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

Table 9.27-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Does the jurisdiction have any public outreach mechanisms / programs in place to inform citizens on natural hazards, risk, and ways to protect themselves during such events? If yes, please describe.
Public information officer or communications office	No	
Personnel skilled or trained in website development	Yes	Website Manager
Is hazard mitigation information available on your website?	No	
Social media for hazard mitigation education and outreach	No	
Citizen boards or commissions that address issues related to hazard mitigation	No	
Other programs already in place that could be used to communicate hazard-related information	No	
Warning Systems / Services (mass notification system, outdoor warning signals)	No	
Natural disaster/safety programs in place for schools	No	
Other	No	

Community Classifications

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

Table 9.27-7. Community Classifications

Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No		
Building Code Effectiveness Grading Schedule (BCEGS)	No		
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	5/9	Not available
NYSDEC Climate Smart Community	No		
StormReady Certification	No		



Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Firewise Communities classification	No		
Other			

Note:

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

Adaptive Capacity

Adaptive capacity is defined as “the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2014). In other words, it describes a jurisdiction’s current capabilities to adjust to, protect from, or withstand a future hazard event, future conditions, and changing risk. The table below summarizes the adaptive capacity for each hazard of concern and the jurisdiction’s rating.

Table 9.27-8. Adaptive Capacity

Hazard	Adaptive Capacity - Strong/Moderate/Weak*
Drought	Moderate
Earthquake	Moderate
Flood	Moderate
Hazardous Materials	Moderate
Invasive Species	Moderate
Landslide	Moderate
Mine Subsidence	Moderate
Pandemic	Moderate
Severe Storm	Strong
Severe Winter Storm	Strong
Terrorism	Moderate
Utility Failure	Moderate
Wildfire	Moderate

**Strong Capacity exists and is in use*

Moderate Capacity may exist; but is not used or could use some improvement

Weak Capacity does not exist or could use substantial improvement

9.27.4 National Flood Insurance Program (NFIP) Compliance

This section provides specific information on the management and regulation of the regulatory floodplain, including current and future compliance with the NFIP.

Table 9.27-9. NFIP Summary

Town of York	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties	# SRL Properties	# Policies in the 1% Flood Boundary
Town of York	7	0	\$0.00	N/A	N/A	4
NFIP Topic			Comments			
Flood Vulnerability Summary						





Town of York	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties	# SRL Properties	# Policies in the 1% Flood Boundary
Town of York	7	0	\$0.00	N/A	N/A	4
NFIP Topic			Comments			
Describe areas prone to flooding in your jurisdiction. <ul style="list-style-type: none"> Do you maintain a list of properties that have been damaged by flooding? 			Flats Rd, parts of Chandler, Casey Rds			
Do you maintain a list of property owners interested in flood mitigation? <ul style="list-style-type: none"> How many homeowners and/or business owners are interested in mitigation (elevation or acquisition)? 			No, N/A			
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> If so, state what projects are underway. 			No			
How do you make Substantial Damage determinations? <ul style="list-style-type: none"> How many were declared for recent flood events in your jurisdiction? 			Review and potential Insurance Discussion			
How many properties have been mitigated (elevation or acquisition) in your jurisdiction? <ul style="list-style-type: none"> If there are mitigation properties, how were the projects funded? 			0			
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> If not, state why. 			Yes			
NFIP Compliance						
What local department is responsible for floodplain management?			Zoning and Code Officer			
Are any certified floodplain managers on staff in your jurisdiction?			No			
Do you have access to resources to determine possible future flooding conditions from climate change?			Yes			
Does your floodplain management staff need any assistance or training to support its floodplain management program? <ul style="list-style-type: none"> If so, what type of assistance/training is needed? 			No			
Provide an explanation of NFIP administration services you provide (e.g. permit review, GIS, education/outreach, inspections, engineering capability)			None			
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?			Involvement of Town Engineer			
What are the barriers to running an effective NFIP program in the community, if any?						
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? <ul style="list-style-type: none"> If so, state the violations. 			No			
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?			Unknown			
What is the local law number or municipal code of your flood damage prevention ordinance? What is the date that your flood damage prevention ordinance was last amended?			Local Law #2 of 1981 & 1987			
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> If exceeds, in what ways? 			The Town of York does not have additional regulations above NYS regulations.			



Town of York	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties	# SRL Properties	# Policies in the 1% Flood Boundary
Town of York	7	0	\$0.00	N/A	N/A	4
NFIP Topic				Comments		
Are there other local ordinances, plans or programs (e.g. site plan review) that support floodplain management and meeting the NFIP requirements? For instance, does the planning board or zoning board consider efforts to reduce flood risk when reviewing variances such as height restrictions?				No, We have not had instances of buildings in a flood zone.		
Does your jurisdiction participate in CRS? <ul style="list-style-type: none"> If yes, is your jurisdiction interested in improving its CRS Classification? If no, is your jurisdiction interested in joining the CRS program? 				No, Not at this time.		

Source: NYS DHSES 2021

Notes:

RL Repetitive Loss; SRL Severe Repetitive Loss

9.27.5 Evacuation, Sheltering, Temporary Housing, and Permanent Housing

Evacuation routes, sheltering measures, temporary housing, and permanent housing must all be in place and available for public awareness to protect residents, mitigate risk, and relocate residents, if necessary, to maintain post-disaster social and economic stability.

Evacuation Routes

The Town uses the major roads, including County Road 36 and County Road 63, in and out of the municipality for evacuations if needed.

Sheltering

The Town identified the following facilities as potential emergency shelters.

Table 9.27-10. Potential Emergency Shelters

Site Name	Address	Capacity	Accommodates Pets?	ADA Compliant?	Backup Power?	Types of Medical Services Provided	Other Services Provided
York Central School	2576 Genesee St., York NY	Unknown	No	Yes	Yes	School nurse	Cafeteria
York Town Hall	2668 Main St., York NY	100	No	Yes	No	None	None

Temporary Housing

The Town of York has not identified sites for the placement of temporary housing for residents displaced by a disaster or potential sites suitable for relocating structures out of the floodplain and/or building new homes once properties in the floodplain are acquired. In the event temporary housing is needed, the Town will work with the County to find suitable locations.



Permanent Housing

While the Town of York did not identify potential locations for permanent housing, as part of the planning process, a countywide buildable land analysis was conducted and presented in Section 4 (County Profile). The Town can utilize this analysis to identify potential locations.

9.27.6 Growth/Development Trends

Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to understanding a jurisdiction’s overall risk to its hazards of concern. Table 9.27-11 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development. New and proposed development in the Town are not expected to impact vulnerability.

Table 9.27-11. Recent and Expected Future Development

Type of Development	2015		2016		2017		2018		2019		2020		2021	
Number of Building Permits for New Construction Issued Since the Previous HMP* (within regulatory floodplain/ Outside regulatory floodplain)														
	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA
Single Family	2	0	2	0	1	0	5	0	1	0	4	0	1	0
Multi-Family	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	0	0	7	0	1	0	1	1	1	0	3	0	2	0
Total Permits Issued	2	0	10	0	2	0	6	1	2	0	7	0	3	0
Property or Development Name	Type of Development	# of Units / Structures		Location (address and/or block and lot)		Known Hazard Zone(s)*		Description / Status of Development						
Recent Major Development and Infrastructure from 2015 to Present														
Craig Station Creamery	Industrial	2		1840 Craig Rd., York NY		None		Cheese Manufacturing / Closed						
Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years														
None														

SFHA Special Flood Hazard Area (1% flood event)

* Only location-specific hazard zones or vulnerabilities identified.

9.27.7 Jurisdictional Risk Assessment

The hazard profiles in Section 5 (Risk Assessment) provide detailed information regarding each plan participant’s vulnerability to the identified hazards. Refer to Section 5.2 (Methodology and Tools) and Section 5.4 (Hazard Ranking) for a detailed summary for the Town of York’s risk assessment results and data used to determine the hazard ranking discussed later in this section.

Hazard area extent and location maps were generated to illustrate the probable areas impacted within the jurisdiction. These maps are based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps have been generated only for those hazards that can be clearly identified using mapping techniques and technologies and for which the Town of York has significant exposure. The maps also show the location of potential new development, where available. These maps are illustrated below.



Figure 9.27-1. Town of York Flood and Mine Subsidence Hazard Areas

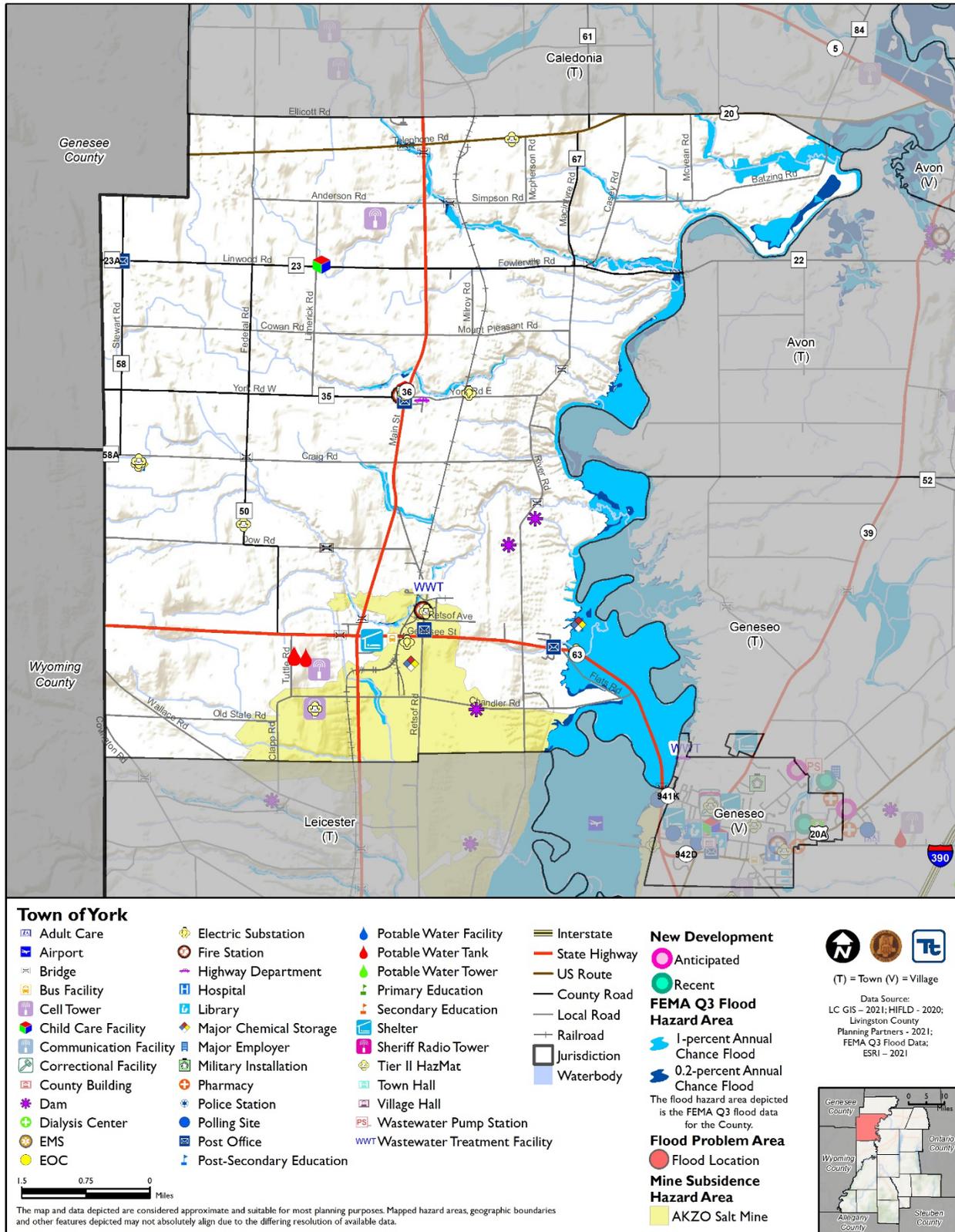




Figure 9.27-2. Town of York Hazmat and Wildfire Hazard Areas

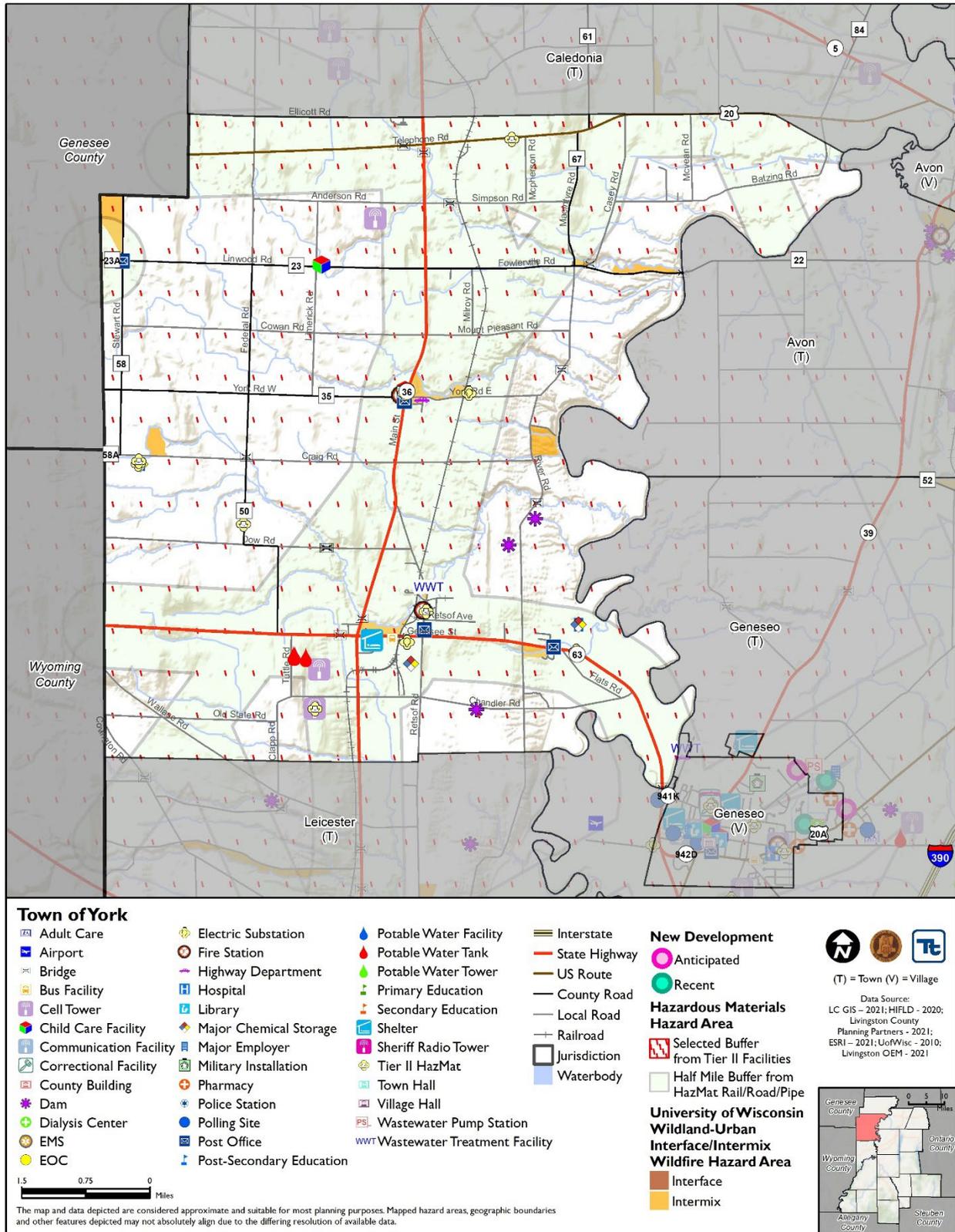
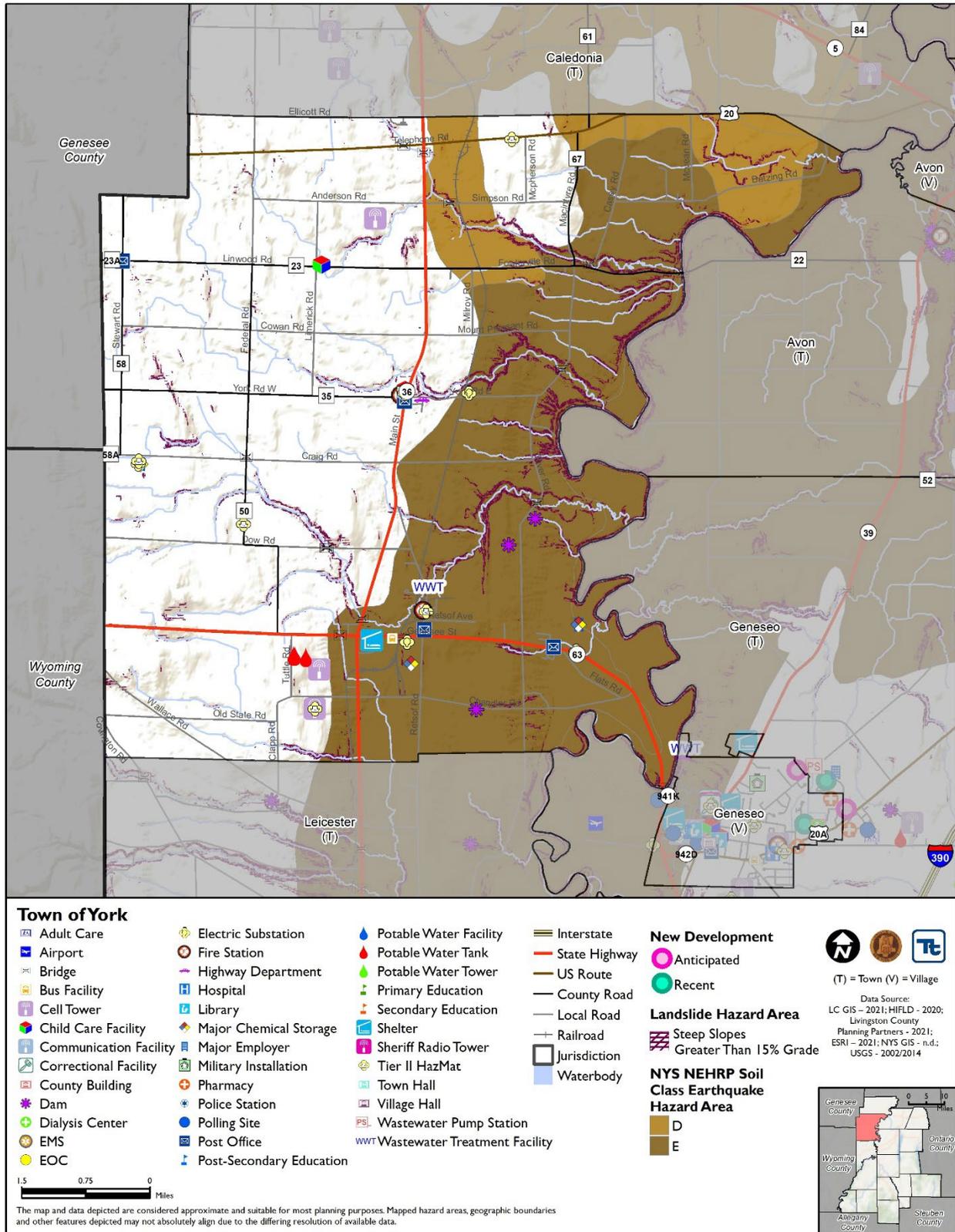




Figure 9.27-3. Town of York Earthquake and Landslide Hazard Areas





Hazard Event History

Livingston County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5 (Risk Assessment) of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the county and its municipalities.

The Town of York’s history of federally-declared (as presented by FEMA) and significant hazard events (as presented in NOAA-NCEI) is consistent with that of Livingston County. Table 9.27-12 provides details regarding municipal-specific loss and damages the Town experienced during hazard events since the last hazard mitigation plan update. Information provided in the table below is based on reference material or local sources. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

Table 9.27-12. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	Emergency Declaration?	Municipal Summary of Damages and Losses
2020 & 2021	COVID 19 Pandemic	DR 3434 and 4480	Negative social, health, and economic impacts such as population loss, resident infections, resident deaths, mandatory business closures, school closings, decreases in the local labor market, and household supply shortages
11/15/2020	High Wind	-	Though the event impacted Livingston County, the Town of York did not have reported damages.
8/27/2020	Flash Flood	-	Though the event impacted Livingston County, the Town of York did not have reported damages.
1/12/2020	Flood	-	Though the event impacted Livingston County, the Town of York did not have reported damages.
11/1/2019	Flood	-	Though the event impacted Livingston County, the Town of York did not have reported damages.
10/15/2019	Flood	-	Though the event impacted Livingston County, the Town of York did not have reported damages.
10/27/2019	Flood	-	Though the event impacted Livingston County, the Town of York did not have reported damages.
9/21/2018	Lightning	-	Though the event impacted Livingston County, the Town of York did not have reported damages.
4/4/2018	Blizzard	-	Though the event impacted Livingston County, the Town of York did not have reported damages.
7/20/2017	Tornado	-	Though the event impacted Livingston County, the Town of York did not have reported damages.
3/8/2017	High Wind	-	Though the event impacted Livingston County, the Town of York did not have reported damages.
9/9/2015	Thunderstorm Wind	-	Though the event impacted Livingston County, the Town of York did not have reported damages.

Notes:

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

Hazard Ranking and Vulnerabilities

The hazard profiles in Section 5.0 (Risk Assessment) of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the Town of York’s risk assessment results and data used to determine the hazard ranking.





Hazard Ranking

This section provides the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Section 5 (Risk Assessment) of the plan. The ranking process involves an assessment of the likelihood of occurrence for each hazard, along with its potential impacts on people, property, and the economy as well as community capability and changing future climate conditions. This input supports the mitigation action development to target those hazards with highest level of concern.

As discussed in Section 5.3 (Hazard Ranking), each participating jurisdiction may have differing degrees of risk exposure and vulnerability compared to Livingston County as a whole. Therefore, each municipality ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the Town of York. The Town of York has reviewed the county hazard risk/vulnerability risk ranking table as well as its individual results to reflect the relative risk of the hazards of concern to the community.

During the review of the hazard/vulnerability risk ranking, the Town did not make any changes to the calculated rankings.

Table 9.27-13. Hazard Ranking Input

Drought	Earthquake	Flood	Hazardous Materials	Invasive Species	Landslide	Mine Subsidence
Low	High	Low	High	Medium	Low	Medium
Pandemic	Severe Storm	Severe Winter Storm	Wildfire	Terrorism	Utility Failure	
Medium	High	Medium	Low	Low	High	

Note: The scale is based on the hazard rankings established in Section 5.3 and modified as appropriate during review by the jurisdiction

Critical Facilities

The table below identifies critical facilities in the community located in the 1-percent and 0.2-percent floodplain and presents Hazards United States (HAZUS) – Multi-Hazards (MH) estimates of the damage and loss of use to critical facilities as a result of a 1-percent annual chance flood event.

Table 9.27-14. Potential Flood Losses to Critical Facilities

Name	Type	Exposure		Complies with NYS Standards	Addressed by Proposed Action
		1% Event	0.2% Event		
Arkema	Chemical Storage	X	X	X	2022-Town of York-002

Source: Livingston County Planning Partners 2021; HIFLD 2020

Identified Issues

After review of the Town of York’s hazard event history, hazard rankings, jurisdiction specific vulnerabilities, hazard area extent and location, and current capabilities, the Town of York has identified the following vulnerabilities within their community:

- Raw sewage enters homes in the Hamlet of Retsof
- The Arkema facility is in the special flood hazard area and vulnerable to flooding
- Hazards can make town facilities and staff unavailable to provide services.
- Operations at Town Hall could not continue without power.





- Water service is dependent on power, and the water treatment plant does not have backup power.
- Residents may be unaware of how they can protect their property.
- The town lacks an updated flood damage prevention ordinance.
- The floodplain administrator for the town is in need of training on current NFIP requirements in the State.
- Retsof Avenue continually floods.

9.27.8 Mitigation Strategy and Prioritization

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

Past Mitigation Initiative Status

The following table indicates progress on the community’s mitigation strategy identified in the 2015 HMP. Actions that are carried forward as part of this plan update are included in the following subsection in its own table with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under ‘Capability Assessment’ presented previously in this annex.



Table 9.27-15. Status of Previous Mitigation Actions

Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success 1. Cost 2. Level of Protection 3. Damages Avoided; Evidence of Success	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
TY-1	Increase all driveway culvert pipes to 18-inch diameters to more effectively handle water flow from storms.	Flood	None provided in the 2015 HMP	Town Highway Department	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability
TY-2	Develop and test Town Continuity of Operations (COOP)/Continuity of Government (COG) Plans.	All	None provided in the 2015 HMP	County Planning Department	No progress	1. 2. 3.	1. Include in the 2022 HMP 2. Keep wording – Action 2022-Town of York-003 3.
TY-3	Replace and upgrade stormwater and sanitary-related infrastructure and roads, with particular focus on the Hamlet of Retsof.	Flood, Severe Storm	None provided in the 2015 HMP	Town Planning	In progress	1. 2. 3.	1. Include in the 2022 HMP 2. Keep wording – Action 2022-Town of York-001 3.
TY-4	Replace and upsize culverts on Dow Road to handle current flood risks and impacts.	Flood	None provided in the 2015 HMP	Town Highway Department	Complete	Information not available	1. Discontinue 2. 3. Complete
TY-5	Replace and upsize culverts on Craig Road to handle current flood risks and impacts.	Flood	None provided in the 2015 HMP	Town Highway Department	Complete	Information not available	1. Discontinue 2. 3. Complete
TY-6	Improve drainage capabilities of Wallace Road. Specifically, study runoff problems from impermeable surfaces that cause flooding, and implement mitigation solutions.	Flood	None provided in the 2015 HMP	County Planning Department	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability
TY-7	Pave and increase road base on priority Town roads, which are in poor condition due to farming loads and hazard impacts. These priority roads include Craig Road, Dow Road, River Road, Cowen Road, Mt. Pleasant Road, Anderson Road, Federal Road, and Limerick Road.	All	None provided in the 2015 HMP	County and Town Highway Departments	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Work is done on an ongoing basis
TY-8	Improve stormwater and drainage capabilities of Town roads in order of priority and need. Specifically, study runoff problems from impermeable surfaces that cause flooding and implement mitigation solutions.	Flood	None provided in the 2015 HMP	County Planning Department	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing effort; too general
TY-9	Develop a coordinated watershed inspection program for the entire County. Currently, only Conesus Lake has one. A county-wide program would study all	All	None provided in the 2015 HMP	County Health Department	No progress	1. 2. 3.	1. Discontinue 2.



Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success 1. Cost 2. Level of Protection 3. Damages Avoided; Evidence of Success	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
	watersheds and municipal water supplies and create a fair, uniform, and systematic set of standards.						3. County effort
TY-10	Encourage/lobby NY State Departments and Agencies to discount/reduce fees for license registrations for Emergency Response personnel, such as volunteer firefighters, ambulance workers, etc.	All	None provided in the 2015 HMP	County EMS	No progress	1. 2. 3.	1. Discontinue 2. 3. County effort
TY-11	Provide backup power generators for town hall (identified as an initiative for the Town in the 2007 plan).	All	None provided in the 2015 HMP	Town Highway	No progress	1. 2. 3.	1. Include in the 2022 HMP 2. Keep wording – Action 2022-Town of York-004 3.
TY-12	Provide backup power generators for water treatment plant (identified as an initiative for the Town in the 2007 plan).	All	None provided in the 2015 HMP	Town Highway Department	In progress	1. 2. 3.	1. Include in the 2022 HMP 2. Keep wording – Action 2022-Town of York-005 3.
TY-13	Municipalities should disclose risks of flood zones to property owners.	All	None provided in the 2015 HMP	Municipalities	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability
TY-14	Upgrade security for critical facilities and community assets (identified as an initiative for the Town in the 2007 plan).	All	None provided in the 2015 HMP	SWCD	No progress	1. 2. 3.	1. Discontinue 2. 3. Not an identified need
TY-15	Develop materials and conduct education and outreach to work with farmers to implement best management practices (BMP) to address stormwater runoff from fields.	Flood, Severe Storm	None provided in the 2015 HMP	County Planning Department	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability
TY-16	Conduct a hydrilla management analysis to determine whether chemical treatments or introduction of grass carp would be a more effective control measure.	Invasive Species	None provided in the 2015 HMP	County Planning Department	No progress	1. 2. 3.	1. Discontinue 2. 3. No longer a priority
TY-17	Implement hydrilla control measures to prevent further spread of the invasive species and to eventually reduce its impact on the County’s water systems.	Invasive Species	None provided in the 2015 HMP	County Planning Department	No progress	1. 2. 3.	1. Discontinue 2. 3. No longer a priority
TY-18	Support the mitigation of vulnerable structures via retrofit (e.g., elevation, flood-proofing) or acquisition/relocation to protect them from future damage; repetitive loss and severe repetitive loss	Flood, Severe Storm, Wildfire, Winter Storm	None provided in the 2015 HMP	Town Engineering Department	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability



Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success 1. Cost 2. Level of Protection 3. Damages Avoided; Evidence of Success	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
	properties should be a priority, when applicable.						
TY-19	Assess and prioritize feasible non-structural flood hazard mitigation alternatives for at-risk properties within the floodplain (including those that have been identified as repetitive loss) such as acquisition/relocation, or elevation. The parameters for feasibility of this initiative include the following: funding, benefits versus costs, and willing participation of property owners. Implement as funding becomes available.	Flood, Severe Storm, Wildfire, Winter Storm	None provided in the 2015 HMP	Town Engineering Department	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability
TY-20	Develop and implement an enhanced all-hazards, public outreach / education / mitigation information program on natural hazard risks and what the program can do in the way of mitigation and preparedness, including flood insurance.	All Hazards	None provided in the 2015 HMP	Supervisor's Office	No progress	1. 2. 3.	1. Include in 2022 HMP 2. Keep wording 3.
TY-21	Maintain compliance with and good-standing in the NFIP including adoption and enforcement of floodplain management requirements (e.g., regulating all new and substantially improved construction in special-hazard flood areas), floodplain identification and mapping, and flood insurance outreach to the community. Further meet and/or exceed minimum NFIP standards and criteria through the following NFIP-related continued compliance actions identified in subsequent initiatives.	Flood	None provided in the 2015 HMP	NFIP FPA	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability
TY-22	Support and participate in county-led initiatives intended to build local and regional mitigation and risk-reduction capabilities (see Section 9.1).	All Hazards	None provided in the 2015 HMP	County Departments	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability
TY-23	Begin the process to promote or adopt higher regulatory and zoning standards to manage flood hazard risk.	Flood	None provided in the 2015 HMP	NFIP FPA	No progress	1. 2. 3.	1. Include in 2022 HMP 2. See Action 2022-Town of York-007 3.
TY-24	Develop and implement a post-event damage assessment program.	All Hazards		Engineering Department	No progress	1.	1. Discontinue 2.



Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success 1. Cost 2. Level of Protection 3. Damages Avoided; Evidence of Success	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
			None provided in the 2015 HMP			2. 3.	3. County capability
TY-25	Support participation in the NFIP CRS program by attending CRS workshop(s) if offered within the County. Join the CRS program if adequate resources to support long-term participation can be dedicated. See following related CAV initiative.	Flood	None provided in the 2015 HMP	NFIP FPA	No progress	1. 2. 3.	1. Discontinue 2. 3. No longer a priority
TY-26	Determine if a CAV or Community Assistance Contact (CAC) is needed, and schedule if needed. This is a part of the process of joining CRS (above initiative).	Flood	None provided in the 2015 HMP	NFIP FPA	No progress	1. 2. 3.	1. Discontinue 2. 3. No longer a priority
TY-27	Designate a NFIP Floodplain Administrator (FPA), and other local officials who would benefit, become a Certified Floodplain Manager (CFM) through the Association of State Floodplain Managers (ASFPM) and New York State Stormwater and Floodplain Managers Association (NYSSFMA), and pursue relevant continuing education training such as FEMA Benefit-Cost Analysis (BCA) and Substantial Damage Estimation (SDE).	Flood	None provided in the 2015 HMP	NFIP FPA	No progress	1. 2. 3.	1. Include in the 2022 HMP 2. Update wording. See Action 2022-Town of York-008 3.
TY-28	Develop and maintain mapping of all natural hazard risk areas in the Town, FEMA-delineated or otherwise, to support land use decision making (e.g., Planning Board, site plan review process,).	Flood, Wildfire	None provided in the 2015 HMP	Engineering Department	Complete	Information not available	1. Discontinue 2. 3. Completed as part of the HMP update
TY-29	Work with County and power companies to identify roads within the Town considered "critical," which thus would be the first priority for clearing after an event involving downed power lines.	Severe Storm; Severe Winter Storm	None provided in the 2015 HMP	Engineering Department	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability; work with County 911 Center
TY-30	Enhance or expand tree maintenance program, and coordinate with utility companies.	Severe Storm; Severe Winter Storm	None provided in the 2015 HMP	Engineering Department	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability
TY-31	Work with utility companies and developers to bury utility lines underground, wherever possible.	Severe Storm;	None provided in the 2015 HMP	Engineering Department	Ongoing	1. 2.	1. Discontinue 2. 3. Ongoing capability



Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success 1. Cost 2. Level of Protection 3. Damages Avoided; Evidence of Success	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
		Severe Winter Storm				3.	



Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Town of York did not identify any mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2015 HMP.

Proposed Hazard Mitigation Initiatives for the HMP Update

The Town of York participated in a mitigation action workshop in September 2021 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 ‘Selecting Appropriate Mitigation Measures for Floodprone Structures’ (March 2007) and FEMA ‘Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards’ (January 2013).

The table below indicates the range of proposed mitigation action categories.

Table 9.27-16. Analysis of Mitigation Actions by Hazard and Category

Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Drought				X			X			
Earthquake	X			X	X		X			
Flood	X	X		X	X	X	X			
Hazardous Materials	X	X		X	X	X	X			
Invasive Species				X			X			
Landslide	X			X	X		X			
Mine Subsidence				X			X			
Pandemic	X			X	X		X			
Severe Storm	X	X		X	X	X	X			
Severe Winter Storm	X	X		X	X	X	X			
Terrorism	X			X	X		X			
Utility Failure	X	X		X	X	X	X			
Wildfire	X			X	X		X			

Note: Section 6 (Mitigation Strategy) provides for an explanation of the mitigation categories.

Table 9.27-17 summarizes the comprehensive range of specific mitigation initiatives the Town of York would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide range of activities and mitigation measures selected.

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



Table 9.27-17. Proposed Hazard Mitigation Initiatives

Project Number	Mitigation Initiative Name	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2022-Town of York -001	Separate Sanitary from Stormwater – Tenth Street	Problem: Sanitary sewage enters basements through floor drains. Solution: Separate sanitary from stormwater system.	No	Yes	Flood, Hazmat, Utility Failure	1, 2	May 2022	Town Board	State; USDA	Reduce health risk	\$1.3 million	High	SIP	PP
2022-Town of York -002	Protect Arkema from Flooding	Problem: The Arkema facility is in the special flood hazard area and vulnerable to flooding Solution: The FPA will work with Arkema management to identify protective measures the company can take to protect its facilities.	Yes	Yes	Flood	3	Within 3 months	FPA	Staff Time	Reduced risk to major employer/critical facility	Low	High	EAP	PI
2022-Town of York -003	Continuity Plan	Problem: Hazards can make town facilities and staff unavailable to provide services. Solution: Develop and test Town Continuity of Operations (COOP)/Continuity of Government (COG) Plans.	No	No	All Hazards	1	Within 1 year	Supervisor	Staff Time	Operations maintained during and after an emergency	Low	Med.	LPR	PR
2022-Town of York -004	Backup Generator – Town Hall	Problem: Operations at Town Hall could not continue without power Solution: Provide backup power generators for town hall.	Yes	No	Severe Storm, Severe Winter Storm, Utility Failure	1	Within 1 year	Supervisor, Engineer	BRIC, HMGP, Town Budget	Continuity of operations	\$50K	High	SIP	PP



Project Number	Mitigation Initiative Name	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2022-Town of York -005	Backup Generator – Water Treatment Plant	Problem: Water service is dependent on power, and the water treatment plant does not have backup power Solution: Provide backup power generators for water treatment plant	Yes	No	Severe Storm, Severe Winter Storm, Utility Failure	1	Within 1 year	Supervisor, Engineer	BRIC, HMGP, Town Budget	Potable water available to Town residents	\$50K	High	SIP	PP
2022-Town of York -006	Public Outreach	Problem: Residents may be unaware of how they can protect their property. Solution: Develop and implement an enhanced all-hazards, public outreach / education / mitigation information program on natural hazard risks and what the program can do in the way of mitigation and preparedness, including flood insurance.	No	No	All Hazards	3	Within 1 year	Supervisor, FPA	Town Budget	Less reliance on Town resources and staff during and after an emergency	Staff Time	High	EAP	PI
2022-Town of York-007	Update Flood Damage Prevention Ordinance	Problem: The town lacks an updated flood damage prevention ordinance. Solution: The town will adopt an updated flood damage prevention ordinance to meet state and federal NFIP standards.	No	No	Flood	2	Within 6 months	NFIP Floodplain Administrator	Town Budget	Meeting state and federal standards	Staff time	High	LPR	PR
2022-Town of York-008	NFIP Administrator Training	Problem: The floodplain administrator for the town is in need of training on current NFIP requirements in the State.	No	No	Flood	3	Within 1 year	NFIP Floodplain Administrator	Town Budget	Increase education and training on floods in the town	Staff time	High	LPR	PR





Project Number	Mitigation Initiative Name	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
		Solution: The floodplain administrator will review the list of upcoming trainings on the NYSDEC website and sign up to attend.												
2022-Town of York-009	Retsof Ave. Culvert/ Drainage Project	Problem: Continual flooding of the Retsof Ave. area Solution: Upgrade culvert and install drainage swale to divert water from roadways and homes.	No	Yes	Flood, Severe Storm	1, 2	Within 1 year	Supervisor, Engineer	Town Budget; HMGP	Reduced flood damages; emergency response vehicles can pass on roadway	\$20K	High	SIP	PP

Notes:

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

Acronyms and Abbreviations:

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

Potential FEMA HMA Funding Sources:

- FMA Flood Mitigation Assistance Grant Program
- HMGP Hazard Mitigation Grant Program
- BRIC Building Resilient Infrastructure and Communities Program

Timeline:

The time required for completion of the project upon implementation

Cost:

The estimated cost for implementation.

Benefits:

A description of the estimated benefits, either quantitative and/or qualitative.

Critical Facility:

Yes Critical Facility located in 1% floodplain

Mitigation Category:

- Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) - These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.





- *Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.*
- *Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities*

CRS Category:

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



Table 9.27-18. Summary of Prioritization of Actions

Project Number	Project Name	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
2022-Town of York -001	Separate Sanitary from Stormwater – Tenth Street	1	1	1	1	1	1	-1	1	0	0	1	1	1	1	10	High
2022-Town of York -002	Protect Arkema from Flooding	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
2022-Town of York -003	Continuity Plan	0	0	1	1	1	1	1	0	0	0	1	1	0	1	8	Med.
2022-Town of York -004	Backup Generator – Town Hall	0	1	1	1	1	1	0	0	0	1	1	1	1	1	10	High
2022-Town of York -005	Backup Generator – Water Treatment Plant	0	1	1	1	1	1	0	0	0	1	1	1	1	1	10	High
2022-Town of York -006	Public Outreach	0	1	1	1	1	1	1	0	0	0	1	1	1	0	9	Med.
2022-Town of York-007	Update Flood Damage Prevention Ordinance	1	1	1	1	1	0	1	0	0	1	0	1	0	1	9	High
2022-Town of York-008	NFIP Administrator Training	1	1	1	1	1	0	1	0	0	1	0	1	0	1	9	High
2022-Town of York-009	Retsof Ave. Culvert/ Drainage Project	0	1	1	1	1	1	0	1	0	0	1	1	0	1	9	High

Note: Refer to Section 6, which conveys guidance on prioritizing mitigation actions. Low (0-4), Medium (5-8), High (9-14).



9.27.9 Action Worksheets

The following action worksheets have been developed by the Town of York to aid in the submittal of grant applications to support the funding of high priority proposed actions.

Action Worksheet			
Project Name:	Separate Sanitary from Stormwater – Tenth Street		
Project Number:	2022-Town of York -001		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Hazmat, Utility Failure		
Description of the Problem:	Sanitary sewage enters basements through floor drains.		
Action or Project Intended for Implementation			
Description of the Solution:	Separate sanitary from stormwater system.		
Is this project related to a Critical Facility?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the Special Flood Hazard Area?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	1 percent annual chance flood	Estimated Benefits (losses avoided):	Reduce health risk
Useful Life:	50 years	Goals Met:	1, 2
Estimated Cost:	\$1.3 million	Mitigation Action Type:	SIP
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	May 2022
Estimated Time Required for Project Implementation:	8 months	Potential Funding Sources:	NYS; USDA
Responsible Organization:	Town Board	Local Planning Mechanisms to be Used in Implementation if any:	Capital improvement
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Additional jetting of system	\$1,000	Temporary solution
	Lining the inside of the pipe and installation of storm sewer to disconnect existing homeowners from storm runoff	Unknown	Infeasible
	Separate sanitary from stormwater system	\$1.3 million	Selected alternative
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Evaluation and Prioritization		
Project Name:	Separate Sanitary from Stormwater – Tenth Street	
Project Number:	2022-Town of York -001	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	-1	
Environmental	1	
Social	0	
Administrative	0	
Multi-Hazard	1	
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	10	
Priority (High/Med/Low)	High	



Action Worksheet			
Project Name:	Retsof Ave. Culvert/ Drainage Project		
Project Number:	2022-Town of York-009		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	Continual flooding of the Retsof Ave. area		
Action or Project Intended for Implementation			
Description of the Solution:	Upgrade culvert and install drainage swale to divert water from roadways and homes.		
Is this project related to a Critical Facility?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the Special Flood Hazard Area?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	1 percent annual chance flood	Estimated Benefits (losses avoided):	Reduced flood damages; emergency response vehicles can pass on roadway
Useful Life:	30-40 years	Goals Met:	1, 2
Estimated Cost:	\$20,000	Mitigation Action Type:	SIP
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 1 year
Estimated Time Required for Project Implementation:	1 week	Potential Funding Sources:	Town Budget; HMGP
Responsible Organization:	Supervisor, Engineer	Local Planning Mechanisms to be Used in Implementation if any:	Capital improvement
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Acquire all properties in area	\$1 million+	Costly; not necessary; loss tax base
	Drainage work	\$20,000	Selected project
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Evaluation and Prioritization		
Project Name:	Retsof Ave. Culvert/ Drainage Project	
Project Number:	2022-Town of York-009	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	
Environmental	1	
Social	0	
Administrative	0	
Multi-Hazard	1	
Timeline	1	
Agency Champion	0	
Other Community Objectives	1	
Total	9	
Priority (High/Med/Low)	High	