

## Town of Smithfield



Contact	Title	Phone
Richard Bargabos	Town Supervisor	(315) 684-7485
Janice Sebring	Town Clerk	(315) 684-3627
Dan Davis	Highway Superintendent	(315) 684-3627
Wes Barber	Planning Board Chairnan	(315) 684-9111
Larry Cesario	Code Enforcement Officer	(716) 471-3816

### Background

The Town of Smithfield is a community of 1,288 residents located in the central portion of the county. 68.8% of the residents are between the ages of 18 and 65, while only 7.9% are over the age of 65 (residents). The town currently encompasses approximately 24.25 square miles. The town has an equalized assessed value of approximately \$58 million dollars, which is distributed across a variety of property classes. There are 153 single family occupied homes within the town.

### Land Use and Development Trends

Town is seeing development on an individual lot by lot basis. There have been no major subdivisions so far. The greatest development occurs when a 200 plus acre farm is purchased and lots with frontage on existing roads are sold. Development has occurred on Old County Road, Fearon Road, Roher Road, Goff Road, and Glass Factory Road. Windmill construction for energy generation is being considered for land along Peterboro Road in the northeast corner of the Township.

# MADISON COUNTY HAZARD MITIGATION PLAN 2016

## Assets

Town Hall: Located at 5255 Pleasant Valley Road. The Town Hall has kitchen facilities and can accommodate up to \_\_\_ individuals per meal. The Town Hall does not have a generator and could not be used in the case of a power failure.

Town Highway Department: The Smithfield Highway Department maintains 27 miles of roadway. The Highway Department garage is located southeast of the intersection of Peterboro and Swamp Roads in the Hamlet of Peterboro. The Highway Department has enough generator capacity to supply the heating system and power the fuel pumps. The Town Highway Department supplies fuel to the Smithfield Fire Department through a cooperative agreement.

Highway equipment:

- 1 Front-end loader
- 1 Wood chipper
- 3 10-wheel dump trucks
- 1 6-wheel dump truck
- 1 10-wheel all-wheel drive plow
- 1 4x4 plow
- 1 Gradall
- 1 tractor with boom mower

## Local Organization and Regulations

The Town Board meets on the 2<sup>nd</sup> Monday of each month at the Town Hall at 7 PM.

The Town Planning Board meets on the third Monday of each month at the Town Hall at 7 PM.

The Zoning Board of Appeals meets as needed.

## The Planning Process

Steve Lorraine, Madison County SWCD, met with Smithfield Town Council at their regular monthly meeting on Tuesday, September 10, 2013. The Town Council directed Mr. Lorraine to meet with Highway Superintendent Dan Davis to collect the information needed to prepare a section of the mitigation plan the Town of Smithfield. Mr. Lorraine met with Highway Superintendent Davis on June 6 2014 at the Town Highway garage. Potential problem areas for the Town of Smithfield were discussed and then located on a map supplied by Mr. Lorraine.

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## Public Involvement

Two meetings were held at which members of the public were invited to provide input on the hazard mitigation planning process. These meetings were publicized in the Syracuse Post Standard, Oneida Daily Dispatch, Canastota Bee Journal, and Cazenovia Republican. No members of the public attended these meetings. One citizen did call Madison County Soil and Water Conservation District from the City of Oneida to express concerns about flooding there. As soon as the first draft of the entire plan for Madison County is finished, it will be posted on the Madison County website. All members of the public will be provided a means of providing input at that time.

## Input from Neighboring Communities, Agencies, Businesses, Academia, Nonprofits and Other Parties

All of the Towns surrounding the Town of Smithfield are participating in the hazard mitigation process for the Madison County Hazard Mitigation Plan.

Smithfield Fire Department

## Existing Plans, Studies, Reports, and Technical Information

Smithfield Planning Board Rules

## Hazards

As part of the Madison County Comprehensive Emergency Management Plan, a Hazard Analysis was conducted using the HAZNY program with data supplied by the National Oceanic & Atmospheric Administration, and ESRI Hazards data. This HAZNY analysis identified Moderately High Danger in order from Severe Storms, Transportation Accidents, Winter Storms, Fires, and HAZMAT (in Transit). The HAZNY analysis identified Moderately Low Danger in order from Ice Storm, Terrorism, Flood, Utility Failure, Water Supply Contamination, Tornado, Oil Spill, HAZMAT (Fixed Site), Ice Jam, Infestation, Radiological (Fixed Site), Extreme Temperatures, Epidemic, Drought, and Explosion. The Madison County Hazard Mitigation Plan is required by FEMA to address natural disasters. Sections of this plan have been written on a County-wide basis for Severe Storms, Transportation Accidents, Winter Storms, Fire, Ice Storm/ Utility Failure, Flood/ Hurricane, and Tornado. The following table is used to determine whether or not the local community's hazard danger differs from the County as a whole for natural disasters and a few chosen man-made disasters. The local community can also decide whether or not a section on a particular hazard should be written specifically for that municipality.

<b>Hazard</b>	<b>Madison Co. Class.</b>	<b>Madison Co. Ranking</b>	<b>Town Of Smithfield Probability Greater (G), Lesser (L) About Equal (E)</b>	<b>Town of Smithfield Issues Beyond County-wide Plan Yes (Y), No (N)</b>
Severe Storms	Mod. High	312.2	E	N
Transportation Accidents	Mod. High	285.2	L	N
Winter Storms	Mod. High	272.2	G	Y
Fires	Mod. High	265.2	L	N

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Ice Storms	Mod. Low	236.2	E	N
Flood	Mod. Low	222.8	L	Y
Utility Failure	Mod. Low	218.5	E	N
Tornado	Mod. Low	202.5	E	N
Ice Jam	Mod. Low	180.5	L	N
Infestation	Mod. Low	173.8	E	N
Extreme Temperatures	Mod. Low	169.8	E	N
Epidemic	Mod. Low	164.2	L	N
Drought	Mod. Low	164.2	E	N
Wildfire	Low	160.5	L	N
Wave Action	Low	159.5	L	N
Dam Failure	Low	159.2	L	N
Hurricane	Low	158.8	L	N
Earthquake	Low	150.5	E	N
Blight	Low	96.2	E	N
Landslide	Not Rated		L	N

### Types of Mitigation Measures

This section is used to indicate the types of mitigation actions that already are in use in the Town of Smithfield.

**Prevention** - Government administrative or regulatory actions or processes that influence the way land and buildings are developed and built. These actions also include public activities to reduce hazard losses.

	Building Code	Density Controls	Design Review Standards	Easements	Environmental Review Standards	Flood plain Development Regulations	Floodplain zoning
Smithfield Program	State BOCA Codes	No	State Health Codes Fire Codes	No	SEQR for major subdivisions	Federal flood insurance rules apply	No

Transfer of Development Rights	Hillside Development Regulations	Open Space Preservation	Performance Standards	Streambank Setback Regulations	Special Use Permits	Stormwater Management Regulations	Subdivision & Development Regulations
State & Federal Programs Available for Ag	No	No	No	No	Yes	State Regs Apply	No

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**Property Protection** - Actions that involve the modification of existing buildings or structures to protect them from a hazard, or removal from the hazard area.

	Acquisition of Hazard Prone Structures	Construction of Barriers Around Structures	Elevation of Structures	Relocation Out of Hazard Areas	Structural Retrofits (e.g.floodproofing)
Smithfield Program	No	No	No	No	No

**Public Education and Awareness** - Actions to inform and educate citizens, elected officials, and property owners about the hazards and potential ways to mitigate them.

	Hazard Information Centers	Outreach Programs	Real Estate Disclosure	School-age and Adult Education Programs
Smithfield Program	No	Education of Elected to NIMS Standards	State Rules Apply	No

**Natural Resource Protection** - Actions that, in addition to minimizing hazard losses, also preserve or restore the functions of natural systems.

	Best Management Practices	Forest & Vegetation Management	Sediment & Erosion Control Regulations	Stream Corridor Management	Stream Dumping Regulations	Urban Forestry & Landscape Management	Wetlands Development Regulations & Restoration	Watershed Management
Smithfield Program	Assistance available through County SWCD	No	State Regs for greater than 1 acre development	No	State Rules Apply	No	State & Federal Rules Apply	Oneida Lake Program

**Emergency Services** - Actions that protect people and property during and immediately after a disaster or hazard event.

	Critical Facilities Protection	Emergency Response Services	Hazard Threat Recognition	Hazard Warning Systems	Health & Safety Maintenance	Post Disaster Mitigation
Smithfield	No	Smithfield	MSDS	911 Center	No	Yes

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Program		Fire Department SEVAC Ambulance	Sheets on File with Fire Department	Alert System		
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**Structural Projects** - Actions that involve the construction of structures to reduce the impact of a hazard.

	Channel Maintenance	Dams/ Reservoirs	Levees & Floodwalls	Safe Room/ Shelter
Smithfield Program	No	No	No	Red Cross Shelters

### Incorporation of Hazard Mitigation Plan requirements into local planning mechanisms

The foregoing list of existing mitigation measures and the proposed mitigation actions that follow will be considered during the next rewrite of the Town of Smithfield Planning Board Rules.

### Mitigation Actions by Hazard

#### A. FLOODING

#### Mitigation Goals

Minimize loss of property, risk of injury, damage to the environment, and loss of infrastructure from 500-year flooding events.

#### Historical Events

*January '96 Flood* – This was a region wide event in which a warm rain fall melted an accumulated snowpack. It was believed to be comparable to the 50 year frequency storm of 4.9 inches in a 24 hour period.

*May 2000 Flood Event* – This spring runoff event was declared disaster FEMA 1335 DR NY.

*April 2-4, 2005 Severe Storms and Flood Event.* - This was declared disaster FEMA 1589 DR NY

#### Locations Subject to Hazard

North Butler Road – A 0.6 mile section of road is prone to road shoulder washout.

Northrup Road - Culvert capacity is good but both roads can suffer road shoulder washouts.

East Mile Strip Road – This road also suffers washouts of its road shoulders.

Old County Road – During large storm events, the road surface is submerged under water.

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South Butler Road – Because of increased flows from development, the road ditch on the west side of the road will erode towards the road base.

Fearon Road – Road culvert southeast of North Butler Road intersection lacks adequate capacity. Road washout is a possibility

### Mitigation Strategies

Project #	Project Name	Description	Lead Agency	Estimated Cost
T/Smithfield#1	Armoring of Problem Road Ditches	Protect ditches on North Butler, Northrup, East Mile Strip and South Butler Road from erosion.	Town of Smithfield Highway	\$31,600
T/Smithfield#2	Old County Road Culvert Improvement	Replace under-sized culvert with appropriate sized culvert. Madison County Soil & Water will assist Town Highway with flow calculations and sizing	Town of Smithfield Highway	\$15,000

### Prioritization

The STAPLEE process is the means by which proposed mitigation actions are prioritized for a community. The STAPLEE process utilizes the following criteria:

- **Social:** Will this action be acceptable to the community and individuals affected?
- **Technical:** Is the action a long term technically feasible solution with little or no secondary impacts?
- **Administrative:** Are the staff and funding available to implement and maintain the action?  
NOTE: Inadequate resource did not eliminate consideration of an action.
- **Political:** Is the action supported by political leaders and the public?
- **Legal:** Does the municipality have the legal authority to implement the proposed action?
- **Economic:** Is this action a cost effective method for providing hazard mitigation and community benefits?
- **Environmental:** Is this action consistent with community environmental goals?

The following table uses the STAPLEE System to rate proposed mitigation actions.

+ 1 is Favorable, -1 is Unfavorable, N is Neutral or Not Applicable

A Score of 6 -7 is a high priority, 3-5 is a medium priority, 2 or less is a low priority

Proposed Mitigation Action								
	Soc	Tech	Admin	Polit	Legal	Econ	Enviro	Score
Armoring of Problem Road Ditches	+1	+1	-1	+1	+1	+1	+1	5
Old County Road Culvert Improvement	+1	+1	-1	+1	+1	+1	+1	5

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## **Plan Monitoring and Update**

The Madison County Office of Emergency Preparedness will be responsible for monitoring the status of the County Hazard Mitigation Plan and all of the subsections of the plan specific to local municipalities. During the first quarter of every calendar year, the Emergency Preparedness Director will (most likely by e-mail) contact the Town of Smithfield's Highway Superintendent and submit a copy of the evaluation form. The Town's Highway Superintendent will complete and return this form within 10 business days.

During the second quarter of the year, the County Emergency Preparedness Director, will prepare an annual summary report for progress in implementing the County Hazard Mitigation Plan. Included in this plan will be the following:

- A summary and analysis of all disasters that have struck Madison County during the previous calendar year,
- a gap analysis for the hazard mitigation plan for any disasters that occurred during the previous calendar year,
- a listing of funding opportunities made available from FEMA and SEMO during the 12 months prior to the annual summary report,
- a summary of the progress that has been made towards accomplishing mitigation measures during the previous calendar year,
- problems encountered in implementing the plan,
- And, recommendations for changes to the Hazard Mitigation plan.

A copy of this report will be sent to the Town's Highway Superintendent and will be posted on the Madison County Website. Public Comment will be accepted based on review of these reports and the County's Plan available on this web site.

Every five years after the plan receives its FEMA approval and adoption by the Smithfield Town Board, the County Emergency Management Director will update the County Hazard Mitigation Plan and the Town of Smithfield annex based on reports supplied by the Town's Highway Superintendent and other municipalities, as well as input from the public. This updated plan will be submitted to the Town of Smithfield for approval before being forwarded to FEMA.