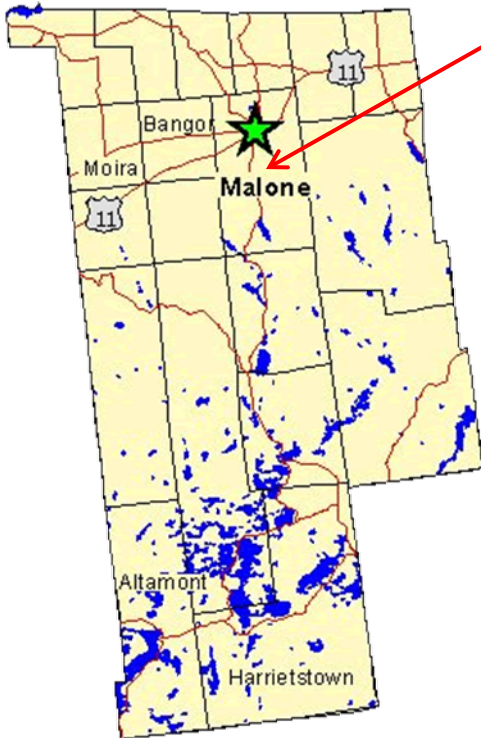


**Franklin County Multi-Jurisdictional
Hazard Mitigation Plan Update 2020**



Town of Malone

Village of Malone

The Town of Malone is in the north central region of Franklin County. The towns of Bellmont and Burke are on the eastern boundary and the Town of Duane on its southern border. The towns of Westville and Constable are the northern border of the town, with the towns of Bangor and Brandon on the west.

Town/Village	Town of Malone
Land Area	102.8 square miles (65,792 acres) - 101.5 square miles (64,960 acres) land & 1.3 square miles (832 acres) water
Incorporated Villages	Village of Malone
Hamlets	Chasm Falls, Fay, Malone Junction, Teboville, Whippleville
Population (ACS 2018)	14,139
Population Density	141.5 people/square mile
Governance	Supervisor and Town Board
Total Assessed Value	652,656,779
Elevation	790 feet
Rivers	Salmon River, Trout River
Bridges	19
Interstate Highway	11
State Routes	11B, 30, 37
Hospital/Medical Facility	Alice Hyde Medical Center, Franklin County Nursing Home, Franklin County Public Health Services
Fire & Rescue	Malone Fire Department
Schools	Malone Central School District (Public)
Law Enforcement	Franklin County Sheriff's Department, NYS Police, Malone Police Department
Correctional Facility	Bare Hill Correctional Facility, Franklin Correctional Facility, Upstate Correctional Facility
Power Utility Provider	National Grid
Water Supply Sources	Private wells & Community/Public
Population Median Income	\$25,718
Unemployment	5.0%
% Below Poverty	32.0%

**Franklin County Multi-Jurisdictional
Hazard Mitigation Plan Update 2020**

Town/Village	Village of Malone
Land Area	3.18 square miles (2,035.2 acres) - 3.11 square miles (1,990.4 acres) land & 0.066 square miles (42.24 acres) water
Population (ACS 2018)	5,735
Population Density	1,858.81 people/square mile
Governance	Mayor and Village Board of Trustees
Total Assessed Value	255,116,012
Elevation	712 feet
Interstate Highway	11
State Routes	11B, 30, 37
Fire & Rescue	Malone Fire Department
Schools	Malone Central School District (Public)
Law Enforcement	Franklin County Sheriff's Department, NYS Police, Malone Police Department
Power Utility Provider	National Grid
Water Supply Sources	Community/Public
Population Median Income	\$15,960
% Below Poverty	16.4%

Water Shed Data

A watershed is the land that drains, or sheds, its water to a defined receiving water, such as a wetland, river, lake, coastal embayment, or ocean.

St. Lawrence River Watershed

River	Town (S)	Sq. Miles
Raquette River	Tupper Lake; Harrietstown	1259.6
St. Regis River	Santa Clara; Waverly; Brandon; Brighton; Duane; Dickinson; Moira; St. Regis Mohawk	863.2
Salmon River	Franklin; Malone; Brighton; Bombay; Moira; Ft. Covington; Westville; Dickinson; Belmont; Constable	405.6
Chateaugay-English River	Chateaugay; Burke; Belmont; Constable	411.6

Lake Champlain Watershed

River	Town (S)	Sq. Miles
Saranac River	Brighton; Belmont; Duane; Santa Clara; Harrietstown; Tupper Lake; Franklin	608.1

Officials in Malone - town and village, consider severe winter storms and extreme cold to be high risk hazards for their community. Earthquake is a moderate risk.

**Franklin County Multi-Jurisdictional
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The Town of Malone elects a supervisor and four councilors to manage town developments including hazard mitigation, budget decisions and expansion. The town Highway Department maintains the town roads and a Code Enforcement Officer enforces the NYS Building Codes within the town as well as the Village. The local fire department is a volunteer organization. The Village elects a mayor and four trustees to oversee operations. The Town and village, Zoning Plan and Waterfront Revitalization Plan. The Town is presently working on a Comprehensive Plan and the Village has a completed plan.

Critical Facilities with assessed values.

Town

Bare Hill Correctional Facility	181 Brand Rd. Malone, NY	\$21,827,534
Upstate Correctional Facility	309 Bare Hill Rd. Malone, NY	\$60,537,260
Franklin Correctional Facility	62 Bare Hill Rd. Malone, NY	\$21,823,425
Franklin County Jail	45 Bare Hill Rd. Malone, NY	\$4,467,945
Village Wastewater Treatment	Lane Street Malone, NY	\$2,181,644
Village Water Treatment Plant	192-200 County Rte. 25 Malone, NY	\$458,630
The Alice Center	6th Street Malone, NY	\$36,445,205

Village

Municipal Park	State St, Malone, NY	\$20,548
Sewage Plant	Lane Street, Malone, NY	\$2,181,644

Future Development

The Town and Village anticipate minor development within their borders, a Stewart’s Superstore, and a larger Dunkin Donuts production center.

NFIP

According to the Community Status Book, the Town of Malone and the Village participate in NFIP. Participation in NFIP requires a community to adopt and enforce a floodplain management ordinance to regulate development in floodplains and designate a local floodplain coordinator/administrator. The floodplain administrator for the town and the village is the Code Enforcement Officer. The town continues to regulate development, including within floodplain areas. NFIP data 2019 indicates 8 losses, 6 closed and 2 closed without payment, totaling \$79,000.

Repetitive Loss Data – According to the NYS Hazard-Mitigation Plan both the Town and Village, have no repetitive loss properties.

The chart below represents parcels located in the Town/Village of Malone substantially within the 100-year floodplain.

Municipality	Number of Parcels	Value
MALONE	64	\$3,765,300
Community Services	1	\$150,100
Recreation & Entertainment	1	\$16,700
Residential	59	\$3,598,400
Vacant	3	\$100

**Franklin County Multi-Jurisdictional
Hazard Mitigation Plan Update 2020**

Municipality	Number of Parcels	Value
MALONE Village	61	\$4,445,400
Commercial	17	\$1,935,900
Community Services	1	\$1,222,000
Public Services	2	\$134,600
Residential	39	\$1,152,900
Vacant	2	\$0

Past Events

The chart below indicates property damage events specific to the Town of Malone occurring since the 2015 plan. However county wide events must also be considered.

Date	Type	Property Damage	Details
7/13/2015	Thunderstorms/High Winds	15K	Power Outages/Trees Downed
1/10/2017	High Winds	20K	Power Outages/Trees Downed 54 Knots/ Gusts of 62MPH/ Thousands Without Power
2/13/2017	Winter Storm/Winds	N/A	White Outs/Drifted Roads/15" of Snow
3/14/2017	Winter Storm/Winds	N/A	White Outs/Drifted Roads/34" of Snow/ 30MPH Winds
5/1/2017	Thunderstorms/High Winds	5K	Power Outages/Trees Downed
6/29/2017	Flash Flood	N/A	Flooded Roads - 3" Deep
3/13/2018-3/14/2018	Winter Storm/Winds	N/A	White Outs/Drifted Roads/Power Outages/16" of Snow
5/4/2018	Thunderstorms/High Winds	50K	Wind 50 Knots/Power Outages/Trees Downed
6/18/2018	Flash Flood	25K	Whippleville Area - 1 Resident Evacuated
1/8/2019	Winter Storm	10K	10" of Snow in Area
1/19/2019-1/20/2019	Winter Storm/Extreme Cold	10K	Power Outages/Trees Downed/Road Clearing Chemicals Not Successful/12" of Snow/ Night Temps. -10 to -25 with Wind Chill of 40 Below Zero. Countywide Effects

Franklin County Multi-Jurisdictional Hazard Mitigation Plan Update 2020

In case of a natural hazard emergency a list of Emergency Shelters for the town is in Appendix D (also found in the Franklin County CEMP). The Town and the Village of Malone will utilize the Fire Department, the YMCA, and the Adult Center as emergency shelters. Franklin County Emergency Services has identified major roadways to serve as evacuation routes. In the Town of Malone major roadways are State Routes 11B, 30 and 25, as well as US Route 11.

The Town of and Village of Malone approved the original Plan in 2008 and the update in 2015. The Town and Village will endeavor to incorporate the Mitigation Goals in the updated plan into future plans. Town leaders including Supervisor, Highway, and Code Enforcement/Floodplain Administrator along with volunteer fire/emergency personnel will incorporate the Franklin County Mitigation Plan, including specific town mitigation actions into their budget planning, training, and building/construction practices. The Town of Malone and the Village of Malone will post the Franklin County Hazard Mitigation Plan 2020 on their websites <https://www.malonetown.com> and <https://www.villageofmalone-ny.com>.

Specific Mitigation Actions: Following pages

Franklin County Multi-Jurisdictional Hazard Mitigation Plan Update 2020

Franklin County Multi-Jurisdictional Hazard Mitigation Plan

Town of Malone			
Action Worksheet			
Project Name:	Salmon River Dredging		
Project Number:	Town of Malone #1		
Risk / Vulnerability			
Hazard of Concern:	Flooding/Ice Jams		
Description of the Problem:	The Salmon River has islands of sediment built up that cause ice jams and then flooding impacting the Town. Ongoing discussions with Eric Blvd. Power (property owner), Army Corps of Engineers, and Ramboll Engineering have resulted in a targeted study. Additional studies need to be done - soil samples, hydrology, etc. The Town of Malone does not have the available resources to proceed.		
Description of the Solution:	The Town will continue to pursue funding opportunities and follow the process in the hope that if islands can not be removed then deep channels can be engineered upstream to redirect river flow.		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect the Critical Facility to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	High	Estimated Benefits (losses avoided):	Ice build up and flooding of resident homes, Village of Malone Sewer Plant will stop being an annual occurrence.
Useful Life:	40 Years		
Estimated Cost:	High		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	2022-2023
Estimated Time Required for Project Implementation:	1 Year	Potential Funding Sources:	Village, Town, County, HMP Funds
Responsible Organization:	Town of Malone	Local Planning Mechanisms to be Used in Implementation, if any:	DEC / Army Corps of Engineers
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Town will continue to suffer flooding damage due to ice jams in Salmon River.
	Buy-out properties along the river and create a buffer	High	Costly and extremely lengthy process. Does not alleviate the problem.
	Install early warning systems in Salmon River High	High	Costly and does not alleviate the problem.
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

[1] Summarize the evaluation of potential actions and the action selected for implementation. Always consider the benefits and costs. Other criterion might include: Technical Feasibility, Political Support, Legal Authority, Environmental Impacts, positive and negative Social Impacts, and whether the jurisdiction has a person willing to be the Local Champion for implementation and is this person with the full support of the jurisdiction Administratively Capable of implementing the action selected for implementation.

Franklin County Multi-Jurisdictional Hazard Mitigation Plan Update 2020

Franklin County Multi-Jurisdictional Hazard Mitigation Plan

Town of Malone			
Action Worksheet			
Project Name:	Warner Road Bridge		
Project Number:	Town of Malone #2		
Risk / Vulnerability			
Hazard of Concern:	Flooding		
Description of the Problem:	The Warner Road Bridge is deteriorating and requires replacement. There is no other access for residents on this road.		
Description of the Solution:	The Town is pursuing funding for the replacement through BridgeNY. In the event of no funding the Town will inspect and repair struts and plant natural vegetation to ease erosion around the bridge. DEC recommendations will be followed.		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect the Critical Facility to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	High	Estimated Benefits (losses avoided):	Maintaining the bridge for resident and emergency vehicle access until replacement can be funded.
Useful Life:	40 Years		
Estimated Cost:	High		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	2022-2023
Estimated Time Required for Project Implementation:	1 Year	Potential Funding Sources:	Town, County, HMPG Funds
Responsible Organization:	Town of Malone	Local Planning Mechanisms to be Used in Implementation, if any:	DEC / Army Corps of Engineers
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Bridge will deteriorate and eventually will be closed.
	Look for alternate funding through FEMA, HMPG	Low	This is a possible alternate way to pay for the bridge replacement.
	Remove bridge, elevate road and install two large culverts		Costly and may not alleviate the problem.
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

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**Franklin County Multi-Jurisdictional
Hazard Mitigation Plan Update 2020**

Franklin County Multi-Jurisdictional Hazard Mitigation Plan

Village of Malone			
Action Worksheet			
Project Name:	Horton Mill Property		
Project Number:	Village of Malone #1		
Risk / Vulnerability			
Hazard of Concern:	Flooding		
Description of the Problem:	The Horton Mill property has deteriorated to the extent the Village fears it will end up in the Salmon River, blocking the river and creating an environmental problem.		
Description of the Solution:	The Village owns this property on Mill Street and would like to demolish and remove it before it crumbles into the Salmon River, creating a hazard.		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect the Critical Facility to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	High	Estimated Benefits (losses avoided):	Environmental concerns will be avoided and the Salmon River will flow freely without the building in its midst.
Useful Life:	40 Years		
Estimated Cost:	High		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	2021-2022
Estimated Time Required for Project Implementation:	1 Year	Potential Funding Sources:	Village, Town, County, HMP Funds
Responsible Organization:	Village of Malone	Local Planning Mechanisms to be Used in Implementation, if any:	DEC / Army Corps of Engineers
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	The Horton Mill property will fall into the Salmon River creating an environmental problem.
	Restore the Horton Mill	High	Costly and the Village should not own properties.
	Sell the property to a builder	High	The building will never meet code regulations in order to sell the property.
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

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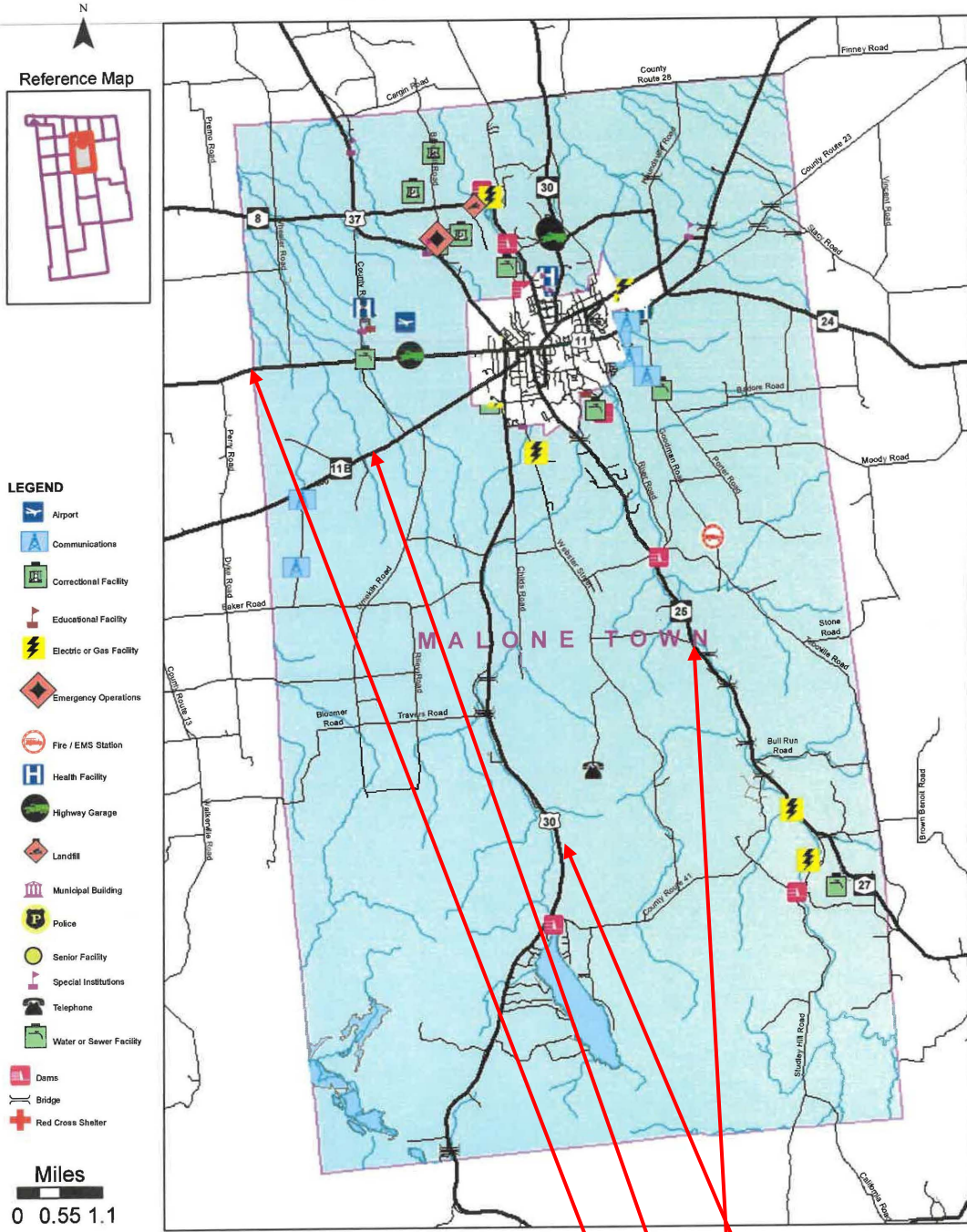
Franklin County Multi-Jurisdictional Hazard Mitigation Plan Update 2020

Franklin County Multi-Jurisdictional Hazard Mitigation Plan

Village of Malone			
Action Worksheet			
Project Name:	Salmon River Dredging		
Project Number:	Village of Malone #2		
Risk / Vulnerability			
Hazard of Concern:	Flooding		
Description of the Problem:	The Salmon River backs up due to rain and snow melt and threatens public safety, property, and the Village of Malone Sewer Plant.		
Description of the Solution:	The Village will investigate options with DEC and the Army Corps of Engineers to devise an acceptable method for dredging the Salmon River.		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect the Critical Facility to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	High	Estimated Benefits (losses avoided):	Residents will be safe and property will not be lost. The Sewer Plant will continue to operate.
Useful Life:	40 Years		
Estimated Cost:	High		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	2022-2023
Estimated Time Required for Project Implementation:	1 Year	Potential Funding Sources:	Village, Town, County, HMP Funds
Responsible Organization:	Village of Malone	Local Planning Mechanisms to be Used in Implementation, if any:	DEC / Army Corps of Engineers
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	The Salmon River will flood and the Sewer Plant will be compromised.
	Locate the Sewer Plant elsewhere	High	Costly and the Village does not have that capability.
	Build up the river banks with permanent constructed flood barriers	High	Village does not own property along the Salmon River in the Village.
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

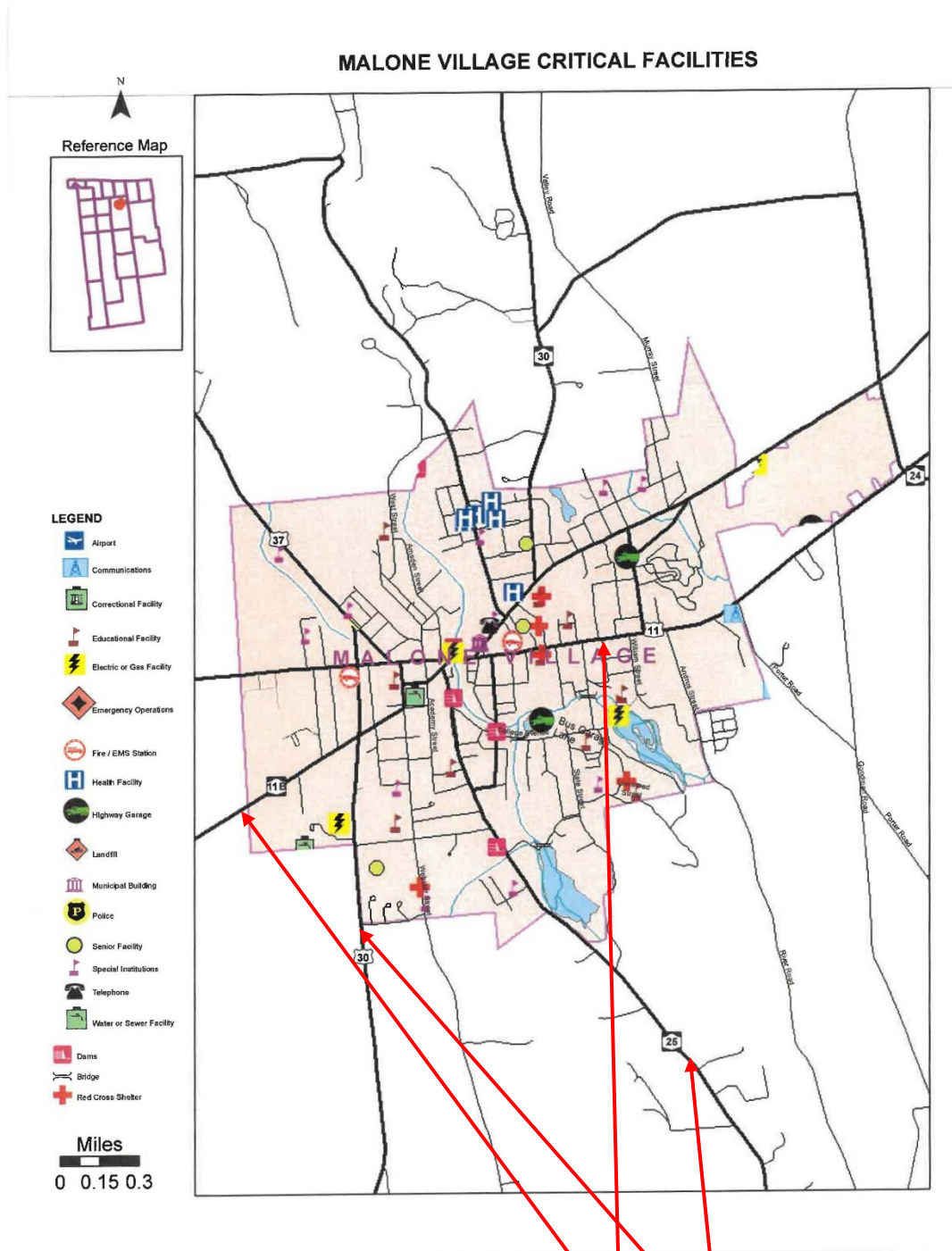
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MALONE TOWN CRITICAL FACILITIES



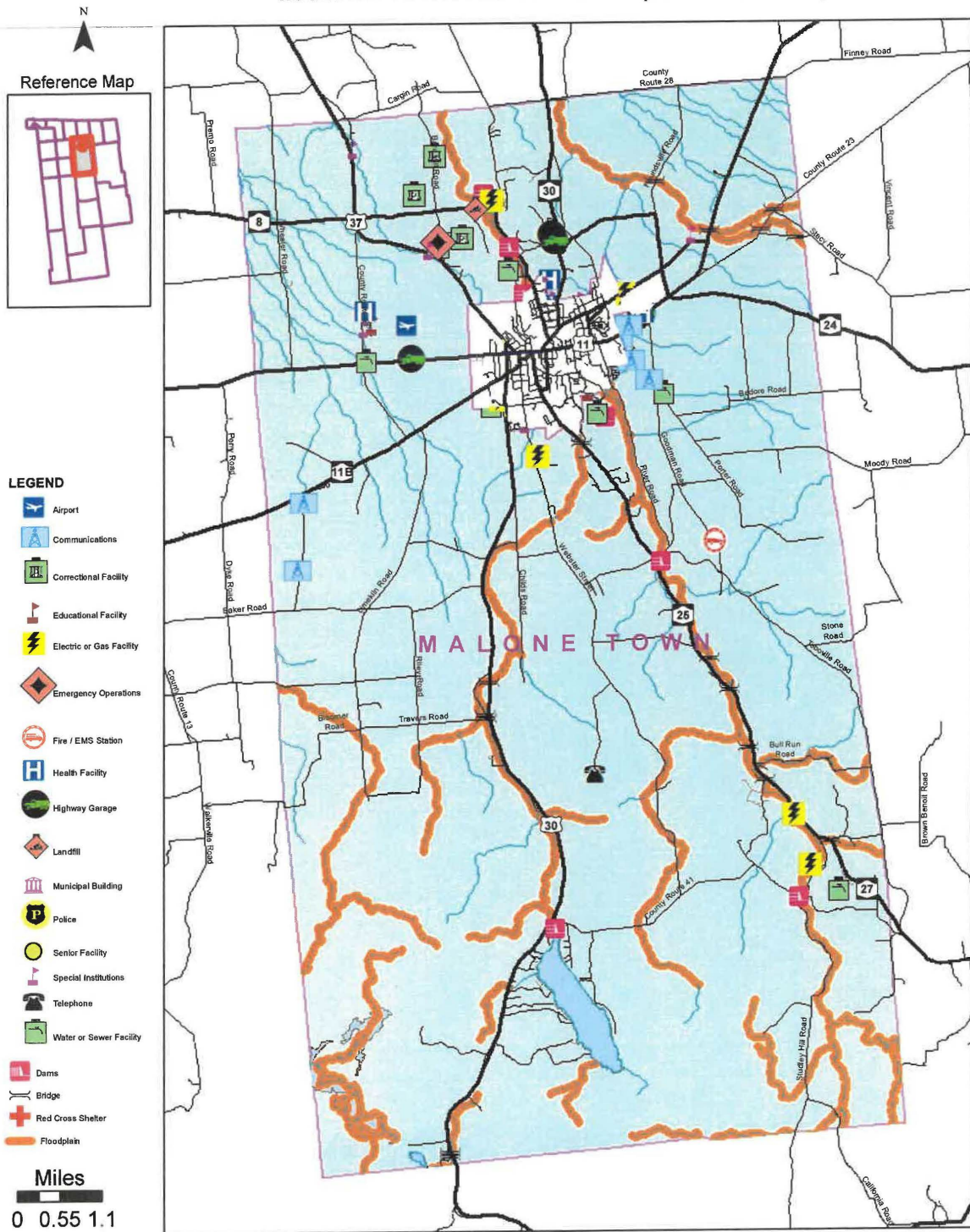
Evacuation Routes – State Route 11, 11B, 25, 30

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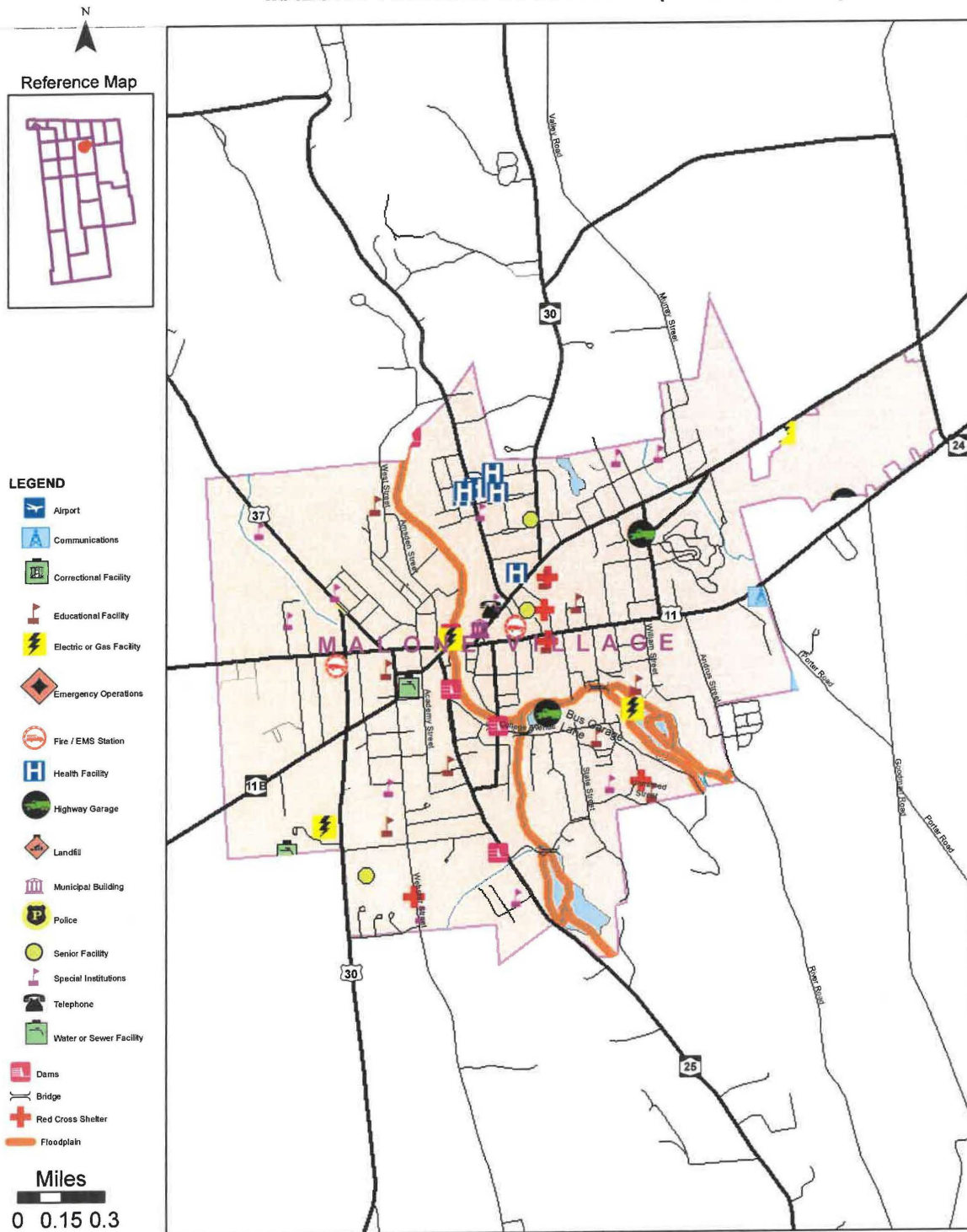
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MALONE TOWN FLOODPLAINS (FEMA MAPPED)



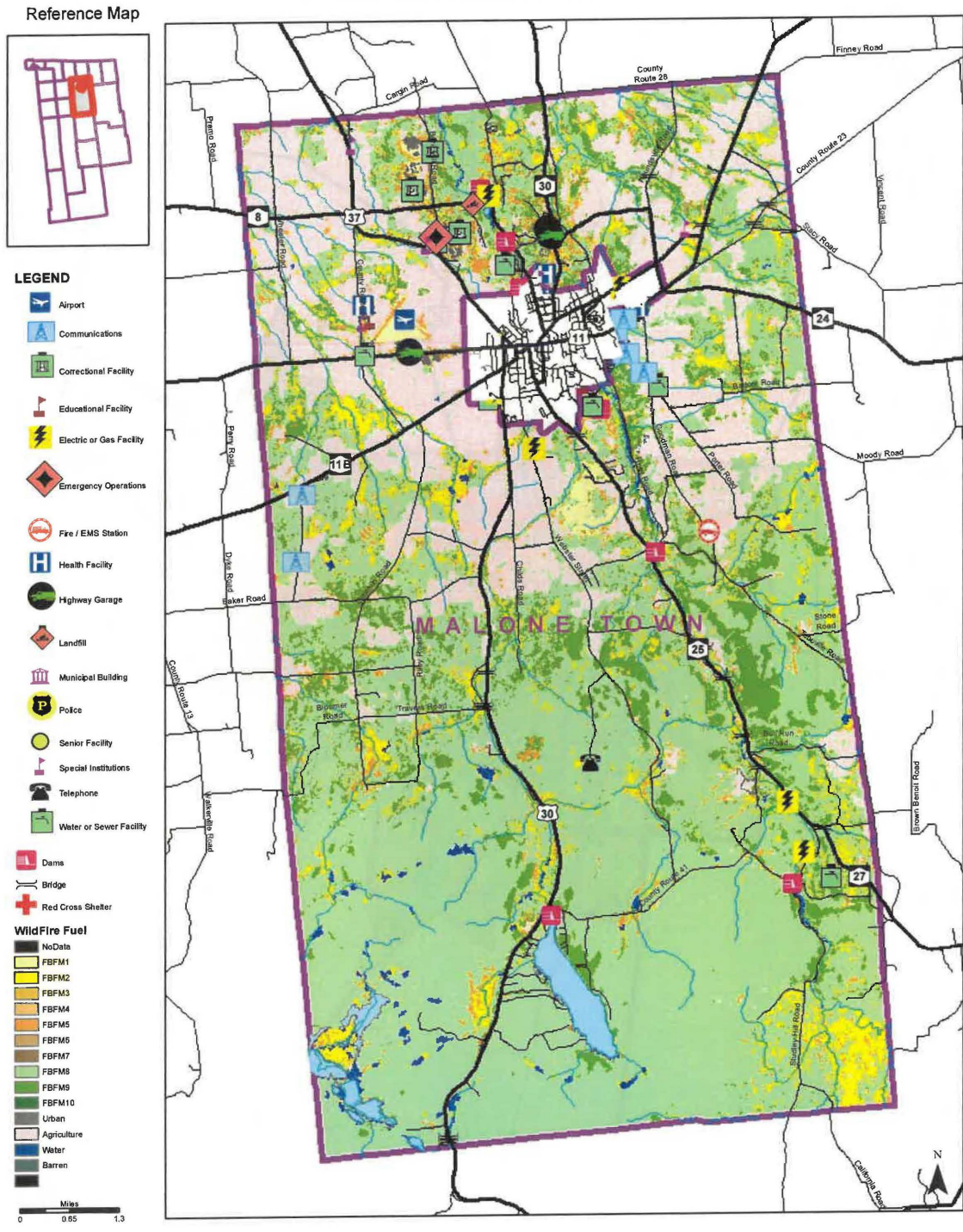
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MALONE VILLAGE FLOODPLAINS (FEMA MAPPED)



Franklin County Multi-Jurisdictional Hazard Mitigation Plan Update 2020

MALONE TOWN WILDFIRE FUEL MAP



MALONE VILLAGE WILDFIRE FUEL MAP

