

**COOK COUNTY
MULTI-JURISDICTIONAL
HAZARD MITIGATION PLAN
VOLUME 2 - Municipal Annexes**

Stickney Annex

FINAL

July 2019

Prepared for:



Cook County
Department of Homeland Security and Emergency Management
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Table of Contents

Hazard Mitigation Point of Contact	3
Jurisdiction Profile	4
Capability Assessment	6
Jurisdiction-Specific Natural Hazard Event	11
Hazard Risk Ranking.....	13
Mitigation Strategies and Actions.....	14
New Mitigation Actions	17
Ongoing Mitigation Actions	24
Completed Mitigation Actions.....	29
Future Needs to Better Understand Risk/Vulnerability	30
Additional Comments	31
HAZUS-MH Risk Assessment Results	32
Hazard Mapping	35

Hazard Mitigation Point of Contact

Primary Point of Contact	Alternate Point of Contact
Jeff Boyajian, Fire Chief 6533 W. Pershing Rd Stickney, IL 60402 Telephone: 708-795-6333 Email Address: jboyajian@villageofstickney.com	Richard Jaczak, Deputy Chief of Police 6533 W. Pershing Rd Stickney, IL 60402 Telephone: 708-788-2131 Email Address: richard.jaczak@stickneypolice.com

Jurisdiction Profile

The following is a summary of key information about the jurisdiction and its history:

- **Date of Incorporation:** 1913
- **Current Population:** 6,620 as of the 2018 US Census population estimate.
- **Population Growth:** The population grew from 6,148 people to 6,786 over a ten year period from 2000 to 2010. From 2010 to 2016, population estimates indicate a drop of less than 1 percent indicating a stable population overall.
- **Location and Description:** Stickney is a southwest village suburb of Chicago in Cook County located approximately 12 miles from the Chicago Loop. The village's north border is the Town of Cicero on the northeast side of the village and the Town of Berwyn on the northwest side of the village. The east side border is the Town of Cicero, and the City of Chicago, our west border is the Village of Lyons. Our south boarder is the Village of Forest View. We are just outside the City of Chicago. The west end of the village is made up of homes and is the residential side of the village. The east end is mainly comprised of large industrial and trucking companies. Stickney is home to the Hawthorn Race Course and the Metropolitan Water Reclamation District of Greater Chicago. According to the 2010 census, the village has a total area of 1.96 square miles.
- **Brief History:** Stickney was incorporated in 1913. The village was known to be home for several bordellos and speakeasies owned by Al Capone in the 1920s and 1930s. Al Capone is one of the well know gangsters in the 1920 and 1930s. Al Capone is one of the well know gangsters in the 1920 and 1930s. Our west end of the village is made up of homes and is our residential side of the village. The east end is most large industrial and trucking companies. We are the home of Hawthorn Race Course and the Metropolitan Water Reclamation District of Greater Chicago.
- **Climate:** The climate in Stickney is classified as humid continental, with all four seasons distinctly represented: wet springs; hot/often humid summers; pleasant autumns; and cold winters. The average rainfall is 35 inches, and the average precipitation days are 118. Annual precipitation is average reaching its lowest points in the months of January and February and peaks in the months of May and June.
- **Governing Body Format:** The Village of Stickney is located in the Illinois 3rd Congressional District. Stickney is locally governed by the Village President (Mayor), and six trustees. Mayor, trustees and a village clerk who are elected every four years in staggered terms. All serve a four-year term. We have a village treasurer who is appointed by the mayor each year. The Village operates 4 departments including: Public Works, Police Department, Fire Department, and the Parks and Recreation Department. The village board votes on the laws for the village will assume responsibility for the adoption and implementation of this hazard mitigation plan.
- **Development Trends:** Minor developments are taking place on the east side of the village where it is mostly commercial. There are preliminary plans for new business development projects and remodeling of selected buildings on the east end of the village. Stickney is a landlocked community with no ability to expand. In 2018 Stickney's Telecommunication Center

joins with Cicero's and it will be called Consolidated Emergency Response Center of Cook County.

Capability Assessment

The assessment of the jurisdiction’s legal and regulatory capabilities is presented in the *Legal and Regulatory Capability Table* below. The assessment of the jurisdiction’s fiscal capabilities is presented in the *Fiscal Capability Table* below. The assessment of the jurisdiction’s administrative and technical capabilities is presented in the *Administrative and Technical Capability Table* below. Information on the community’s National Flood Insurance Program (NFIP) compliance is presented in the *National Flood Insurance Program Compliance Table* below. Classifications under various community mitigation programs are presented in the *Community Classifications Table* below.

TABLE: LEGAL AND REGULATORY CAPABILITY					
	Local Authority	State or Federal Prohibitions	Other Jurisdictional Authority	State Mandated	Comments
Codes, Ordinances & Requirements					
Building Code	Yes	No	No	Yes	In accordance with Public Act 096-0704, Illinois has adopted the IBC as its state Building Code Chapter 18 (1981)
Zonings	Yes	No	No	No	(65 ILCS 5/) Illinois Municipal Code. No Code (12/16/80)
Subdivisions	No	No	No	No	
Stormwater Management	No	No	Yes	Yes	State regulates industrial activity from Construction sites 1 acre or larger under section 402 CWA.
Post Disaster Recovery	No	No	No	No	

Real Estate Disclosure	No	No	Yes	Yes	(765 ILCS 77/) Residential Real Property Disclosure Act.
Growth Management	No	No	No	No	
Site Plan Review	No	No	No	No	
Public Health and Safety	Yes	No	Yes	Yes	Cook County Board of Health. Chapter 42 (1981)
Environmental Protection	No	No	No	No	
Planning Documents					
General or Comprehensive Plan	No	No	No	No	
<i>Is the plan equipped to provide linkage to this mitigation plan?</i>					N/A
Floodplain or Basin Plan	Yes	No	No	No	Chapter 38-1 (1981)
Stormwater Plan	Yes	No	Yes	No	Chapter 38 (1981)
Capital Improvement Plan	No	No	No	No	
<i>What types of capital facilities does the plan address?</i>					N/A
<i>How often is the plan revised/updated?</i>					N/A
Habitat Conservation Plan	No	No	No	No	
Economic Development Plan	No	No	Yes	Yes	The Economic Development Commission is charged with reviewing all economic development related programs and incentives including tax incentives offered through the

					Cook County 6b program.
Shoreline Management Plan	No	No	No	No	
Response/Recovery Planning					
Comprehensive Emergency Management Plan	No	No	Yes	Yes	Cook County DHSEM
Threat and Hazard Identification and Risk Assessment	No	No	Yes	No	Cook County DHSEM Preparing THIRA
Terrorism Plan	No	No	Yes	Yes	Cook County DHSEM
Post-Disaster Recovery Plan	No	No	No	No	
Continuity of Operations Plan	No	No	Yes	No	Cook County DHSEM
Public Health Plans	No	No	Yes	No	Cook County DPH

TABLE: FISCAL CAPABILITY	
Financial Resources	Accessible or Eligible to Use?
Community Development Block Grants	Yes
Capital Improvements Project Funding	Yes
Authority to Levy Taxes for Specific Purposes	Yes
User Fees for Water, Sewer, Gas or Electric Service	Yes
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	No
Incur Debt through Private Activity Bonds	No
Withhold Public Expenditures in Hazard-Prone Areas	No
State Sponsored Grant Programs	Yes

Development Impact Fees for Homebuyers or Developers	No
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TABLE: ADMINISTRATIVE AND TECHNICAL CAPABILITY		
Staff/Personnel Resources	Available?	Department/Agency/Position
Planners or engineers with knowledge of land development and land management practices	Yes	Frank Novotony & Associates
Engineers or professionals trained in building or infrastructure construction practices	Yes	Building Inspector
Planners or engineers with an understanding of natural hazards	No	
Staff with training in benefit/cost analysis	Yes	Village Treasurer, C.P.A.
Surveyors	Yes	Frank Novotony and Associates
Personnel skilled or trained in GIS applications	Yes	Cook County GIS Consortium
Scientist familiar with natural hazards in local area	No	
Emergency manager	Yes	Cook County DHSEM
Grant writers	No	

TABLE: NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE	
What department is responsible for floodplain management in your jurisdiction?	Have none
Who is your jurisdiction’s floodplain administrator? (department/position)	None
Are any certified floodplain managers on staff in your jurisdiction?	No
What is the date of adoption of your flood damage prevention ordinance?	N/A
When was the most recent Community Assistance Visit or Community Assistance Contact?	Have not had a Community Assistance Visit
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? If so, please state what they are.	No
Do your flood hazard maps adequately address the flood risk within your jurisdiction? (If no, please state why)	No, have no accurate maps

Does your floodplain management staff need any assistance or training to support its floodplain management program? If so, what type of assistance/training is needed?	Yes, any available
Does your jurisdiction participate in the Community Rating System (CRS)? If so, is your jurisdiction seeking to improve its CRS Classification? If not, is your jurisdiction interested in joining the CRS program?	No; Undecided

TABLE: COMMUNITY CLASSIFICATIONS			
	Participating?	Classification	Date Classified
Community Rating System	No	N/A	N/A
Building Code Effectiveness Grading Schedule	No	N/A	N/A
Public Protection/ISO	Yes	3	2014
StormReady	Yes	Gold (Countywide)	2014
Tree City USA	Yes	unknown	2018

Jurisdiction-Specific Natural Hazard Event

The information provided below was solicited from the jurisdiction and supported by NOAA and other relevant data sources.

The *Natural Hazard Events Table* lists all past occurrences of natural hazards within the jurisdiction. Repetitive flood loss records are as follows:

- Number of FEMA-Identified Repetitive Loss Properties: 0
- Number of FEMA-Identified Severe Repetitive Loss Properties: 0
- Number of Repetitive Flood Loss/Severe Repetitive Loss Properties That Have Been Mitigated: 0

TABLE: NATURAL HAZARD EVENTS			
Type of Event	FEMA Disaster # (if applicable)	Date	Preliminary Damage Assessment
Flash Flooding	-	6/30/2014	-
Severe Storms	DR-4116	2013	-
Severe Winter Storms	DR-1960	2011	-
Severe Storms/Flooding	DR-1935	2010	-
Severe Storms/Flooding	DR-1800	2008	-
Severe Storms/Flooding	DR-1729	2007	-
Severe Winter Storm	EM-3161	2000	-
Winter Snow Storm	EM-3134	1999	-
Flooding	DR-1188	1997	-
Flooding	DR-1129	1996	-
Severe Storms/Flooding	DR-997	1993	-
Severe Storms/Flooding	DR-798	1987	-
Severe Storms/Flooding	DR-776	1986	-

[Jurisdiction-Specific Hazards and Impacts](#)

Hazards that represent a county-wide risk are addressed in the Risk Assessment section of the 2019 Cook County Multi-Jurisdictional Hazard Mitigation Plan Update. This section only addresses the hazards and their associated impacts that are **relevant** and **unique** to the municipality.

Dam/Levee Failure: The residential area South of 43rd to 45th St., the ComEd substation (4300 blocks of Ridgeland), and 3rd St. Ridgeland to East Ave are vulnerable to dam/levee failure.

Flood: The residential area South of 43rd to 45th St., the ComEd substation (4300 blocks of Ridgeland), and 3rd St. Ridgeland to East Ave are vulnerable to flooding. In 2013, The exit ramp from southbound I-55 to Cicero Avenue was flooded and closed. An observer approximately four miles northeast measured an inch of rain in 15 minutes. A public report of 0.95 inches in 17 minutes was received from Berwyn.

Extreme Heat: Pershing Gardens (Convalescent Center) and the Hawthorne Race Course are vulnerable to the impacts of extreme heat.

Snow: The Village is vulnerable to the impacts of heavy snow at Harlem Avenue, Cicero Avenue, Ridgeland Avenue, Pershing Road, Oak Park Avenue, and 41st Street.

Blizzards: The Village is vulnerable to the impacts of blizzards at Harlem Avenue, Cicero Avenue, Ridgeland Avenue, Pershing Road, Oak Park Avenue, and 41st Street.

Extreme Cold: Within the Village, Pershing Gardens and the Hawthorne Race Course are vulnerable to the impacts of extreme cold events.

Ice Storms: Within the Village, Pershing Gardens and the Hawthorne Race Course are vulnerable to the impacts of ice storms.

Tornado: Schools, Preschools, Koppers Chemical, the MWRD Stickney Plant, the Hawthorne Race Course, Pershing Gardens, ComEd SS, McCook Pumping Station, and the Stickney Pumping Station are vulnerable to tornadoes.

Severe Weather: In 1995, winds knocked down large tree limbs onto a parkway and sidewalk at Stickney. In Berwyn, two trees toppled over, one landed on the roof of a house. Another tree branch fell on a house and a van. In 2007, a strong thunderstorm developed over northeast Illinois during the early morning hours of September 7th. Numerous trees were blown down throughout the city with some large trees blown down.

Hazard Risk Ranking

The *Hazard Risk Ranking Table* below presents the ranking of the hazards of concern. Hazard area extent and location maps are included at the end of this chapter. These maps are based on the best available data at the time of the preparation of this plan, and are considered to be adequate for planning purposes.

TABLE: HAZARD RISK RANKING		
Rank	Hazard Type	Risk Rating Score (Probability x Impact)
1	Severe Weather	54
2	Severe Winter Weather	54
3	Tornado	51
4	Earthquake	32
5	Drought	2
6	Flood	0
7	Dam Failure	0

Mitigation Strategies and Actions

The heart of the mitigation plan is the mitigation strategy, which serves as the long-term blueprint for reducing the potential losses identified in the risk assessment. The mitigation strategy describes how the community will accomplish the overall purpose, or mission, of the planning process. In this section, mitigation actions/projects were updated/amended, identified, evaluated, and prioritized. This section is organized as follows:

- New Mitigation Actions - New actions identified during this 2019 update process
- Ongoing Mitigation Actions - Ongoing actions with no definitive end or that are still in progress. During the 2019 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed.
- Completed Mitigation Actions - An archive of all identified and completed projects, including completed actions since 2014.

The *Hazard Mitigation Action Plan Matrix Table* below lists the actions that make up the jurisdiction’s hazard mitigation plan. The *Mitigation Strategy Priority Schedule Table* identifies the priority for each action.

TABLE: HAZARD MITIGATION ACTION PLAN MATRIX						
Status	Hazards Mitigated	Objectives Met	Lead Agencies	Estimated Cost	Sources of Funding	Timeline/Projected Completion Date (a)
Action S9.1 —Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structure damage. Give priority to properties with exposure to repetitive losses.						
Ongoing	All	7, 13	Village of Stickney	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action S9.2 —Continue to support the countywide actions identified in this plan.						
Ongoing	All	All	Village of Stickney	Low	General Fund	Short- and long-term
Action S9.3 —Actively participate in the plan maintenance strategy identified in this plan						
Ongoing	All	3, 4, 6		Low	General Fund	Short-term
Action S9.4 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.						

Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village of Stickney	Low	General Fund	Long-term
Action S9.5 —Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.						
Ongoing	Flooding	4, 6, 9	Village of Stickney	Low	General Fund	Short-term and ongoing
Action S9.6 —Where feasible, implement a program to record high water marks following high-water events.						
Ongoing	Flooding, Severe Weather	3, 6, 9	Village of Stickney	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action S9.7 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.						
Ongoing	All	3, 4, 6, 10, 13	Engineering Contractor	Low	General Fund	Short-term
Action S9.8 —Consider the development and implementation of a Capital Improvements Program (CIP) to increase the Village’s regulatory, financial and technical capability to implement mitigation actions						
Ongoing	All	1, 2, 7	Public Works	High	CIP component of general fund (if completed)	Long-term
Action S9.9 —Monitor water supply, assist vulnerable populations, educate property owners about flood mitigation techniques.						
New	All	6, 12	Village of Stickney	Unknown; Low	None Identified	Ongoing.
Action S9.10 —Educate residents about flood mitigation techniques.						
New	Flooding	6	Village of Stickney Police Department	Low	Local Funds	2020
Action S9.11 —Launch Public Parking Lot Reconstruction GI Improvements						
New	Flooding, Snow	2, 3, 10	MWRD	Unknown	MWRD	Short-term

a. Ongoing indicates continuation of an action that is already in place. Short-term indicates implementation within five years. Long-term indicates implementation after five years.

TABLE: MITIGATION STRATEGY PRIORITY SCHEDULE

Action #	# of Objectives Met	Benefits	Costs	Do Benefits Equal or Exceed Costs?	Is Project Grant-Eligible?	Can Project Be Funded Under Existing Programs/Budgets?	Priority (a)
1	2	High	High	Yes	Yes	No	Medium
2	13	Medium	Low	Yes	No	Yes	High
3	3	Medium	Low	Yes	Yes	Yes	High
4	9	Medium	Low	Yes	No	Yes	Medium
5	3	Medium	Low	Yes	No	Yes	High
6	3	Medium	Medium	Yes	Yes	No	Medium
7	5	Medium	Low	Yes	No	Yes	High
8	3	High	High	Yes	No	No	Medium
9	2	Low	Low	Yes	Unknown	Unknown	Low
10	1	Medium	Low	Yes	Unknown	Unknown	Medium
11	3	Medium	Unknown	Unknown	Unknown	Unknown	Medium

a. See Chapter 1 for explanation of priorities.

New Mitigation Actions

The following are new mitigation actions created during the 2019 update.

Action S-9.9

Mitigation Action	Monitor water supply, assist vulnerable populations, educate property owners about flood mitigation techniques.
Year Initiated	2019
Applicable Jurisdiction	Stickney
Lead Agency/Organization	Village of Stickney
Supporting Agencies/Organizations	
Applicable Goal	<ul style="list-style-type: none"> Monitor water supply, assist vulnerable populations, and educate property owners about flood mitigation techniques.
Applicable Objective	<ul style="list-style-type: none"> Use the best available data, science and technologies to educate the public and to improve understanding of the location and potential impacts of natural hazards, the vulnerability of building types and community development patterns, and the measures needed to protect life safety. Reduce natural hazard-related risks and vulnerability to potentially isolated populations within the planning area.
Potential Funding Source	None identified.
Estimated Cost	Unknown.
Benefits (loss avoided)	The public would be aware of steps they can take as individuals to mitigate flooding.
Projected Completion Date	Ongoing.
Priority and Level of Importance (Low, Medium, High)	Low
Benefit Analysis (Low, Medium, High)	Low
Cost Analysis (Low, Medium, High)	Low
Actual Completion Date	

Recommended Mitigation Action/Implementation Plan and Project Description	
Action/Implementation Plan and Project Description:	

Mitigation Action and Project Maintenance		
Year	Status	Comments
2019	New	Monitor water supply, assist vulnerable populations, and educate property owners about flood mitigation techniques.
2020		

2021		
2022		
2023		

Mitigated Hazards	
X	All Hazards
	Dam/Levee Failure
	Drought
	Earthquake
	Flood
	Extreme Heat
	Lightning
	Hail
	Fog
	High Wind
	Snow
	Blizzard
	Extreme Cold
	Ice Storms
	Tornado
	Epidemic or pandemic
	Nuclear Power Plant Incident
	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
	Hazardous Materials Incident

Action S-9.10

Mitigation Action	Educate residents about flood mitigation techniques.
Year Initiated	2019
Applicable Jurisdiction	Village of Stickney Police Department
Lead Agency/Organization	Village of Stickney Police Department
Supporting Agencies/Organizations	Village of Stickney Police Department
Applicable Goal	<ul style="list-style-type: none"> • Protect the lives, health, safety, and property of the citizens of Cook County from the impacts of natural hazards. • Involve stakeholders to enhance the local capacity to mitigate, prepare for, and respond to the impacts of natural hazards. • Promote public understanding of and support for hazard mitigation.
Applicable Objective	<ul style="list-style-type: none"> • Use the best available data, science and technologies to educate the public and to improve understanding of the location and potential impacts of natural hazards, the vulnerability of building types and community development patterns, and the measures needed to protect life safety.
Potential Funding Source	Local Funds
Estimated Cost	0
Benefits (loss avoided)	This action will educate residents on ways they can avoid flooding.
Projected Completion Date	2020
Priority and Level of Importance (Low, Medium, High)	Medium Priority
Benefit Analysis (Low, Medium, High)	Medium—Project will have a long-term impact on the reduction of risk exposure for life and property, or project will provide an immediate reduction in the risk exposure for property.
Cost Analysis (Low, Medium, High)	Low—The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.
Actual Completion Date	

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	Information relating to flood mitigation will be provided to residents and business owners through a local newsletter that is produced and distributed several times a year
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Mitigation Action and Project Maintenance		
Year	Status	Comments
2019	New	
2020		
2021		
2022		
2023		

Mitigated Hazards	
	All Hazards
	Dam/Levee Failure
	Drought
	Earthquake
X	Flood
	Extreme Heat
	Lightning
	Hail
	Fog
	High Wind
	Snow
	Blizzard
	Extreme Cold
	Ice Storms
	Tornado
	Epidemic or pandemic
	Nuclear Power Plant Incident
	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
	Hazardous Materials Incident

Action S-9.11

Mitigation Action	Launch Public Parking Lot Reconstruction GI Improvements
Year Initiated	2019
Applicable Jurisdiction	Village of Stickney
Lead Agency/Organization	MWRD
Supporting Agencies/Organizations	Village of Stickney
Applicable Goal	<ul style="list-style-type: none"> • Develop and implement sustainable, cost-effective, and environmentally sound risk-reduction (mitigation) projects. • Protect the lives, health, safety, and property of the citizens of Cook County from the impacts of natural hazards. • Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events and potential damage from such activities.
Applicable Objective	<ul style="list-style-type: none"> • Increase the resilience of (or protect and maintain) infrastructure and critical facilities. • Consider the impacts of natural hazards on future land uses in the planning area, including possible impacts from climate change. • Strengthen codes and land use planning and their enforcement, so that new construction or redevelopment can avoid or withstand the impacts of natural hazards.
Potential Funding Source	MWRD
Estimated Cost	N/A
Benefits (loss avoided)	
Projected Completion Date	TBD
Priority and Level of Importance (Low, Medium, High)	Medium
Benefit Analysis (Low, Medium, High)	Medium
Cost Analysis (Low, Medium, High)	N/A
Actual Completion Date	

Recommended Mitigation Action/Implementation Plan and Project Description	
Action/Implementation Plan and Project Description:	

Mitigation Action and Project Maintenance		
Year	Status	Comments
2019	New	
2020		
2021		
2022		
2023		

Mitigated Hazards	
	All Hazards
	Dam/Levee Failure
	Drought
	Earthquake
X	Flood
	Extreme Heat
	Lightning
	Hail
	Fog
	High Wind
X	Snow
	Blizzard
	Extreme Cold
	Ice Storms
	Tornado
	Epidemic or pandemic
	Nuclear Power Plant Incident
	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
	Hazardous Materials Incident

Ongoing Mitigation Actions

The following are ongoing actions with no definitive end or that are still in progress. During the 2019 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed.

Action S-9.1

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# S-9.1	Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structure damage. Give priority to properties with exposure to repetitive losses.	
Status Description: No		X
<p align="center">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action S-9.2

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# S-9.2	Continue to support the countywide actions identified in this plan.	
Status Description: Yes		O
<p align="center">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action S-9.3

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# S-9.3	Actively participate in the plan maintenance strategy identified in this plan.	
Status Description: Yes		O
<p align="center">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action S-9.4

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# S-9.4	Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.	
Status Description: No		X
<p align="center">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action S-9.5

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# S-9.5	Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.	
Status Description: Yes		O
<p align="center">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action S-9.6

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# S-9.6	Where feasible, implement a program to record high water marks following high-water events.	
Status Description: No		X
<p align="center">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action S-9.7

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# S-9.7	Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.	
Status Description: No		X
<p align="center">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action S-9.8

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# S-9.8	Consider the development and implementation of a Capital Improvements Program (CIP) to increase the Village’s regulatory, financial and technical capability to implement mitigation actions.	
Status Description: No		X
<p align="center">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Completed Mitigation Actions

Stickney has no completed actions at this time.

Future Needs to Better Understand Risk/Vulnerability

No needs have been identified at this time.

Additional Comments

No additional comments at this time

HAZUS-MH Risk Assessment Results

STICKNEY EXISTING CONDITIONS	
2010 Population	6,786
Total Assessed Value of Structures and Contents	\$1,576,207,892
Area in 100-Year Floodplain	31.75 acres
Area in 500-Year Floodplain	31.75 acres
Number of Critical Facilities	19

HAZARD EXPOSURE IN STICKNEY						
	Number Exposed		Value Exposed to Hazard		Total	% of Total Assessed Value Exposed
	Population	Buildings	Structure	Contents		
Dam Failure						
Buffalo Creek	0	0	\$0	\$0	\$0	0.00%
U. Salt Cr. #2	0	0	\$0	\$0	\$0	0.00%
Touhy	0	0	\$0	\$0	\$0	0.00%
U. Salt Cr. #3	0	0	\$0	\$0	\$0	0.00%
U. Salt Cr. #4	0	0	\$0	\$0	\$0	0.00%
Flood						
100-Year	0	0	\$0	\$0	\$0	0.0%

500-Year	0	0	\$0	\$0	\$0	0.0%
Tornado						
100-Year	—	—	\$538,579,505	\$414,799,809	\$953,379,314	60.49%
500-Year	—	—	\$731,891,865	\$535,466,053	\$1,267,357,919	80.41%

ESTIMATED PROPERTY DAMAGE VALUES IN STICKNEY				
	Estimated Damage Associated with Hazard			% of Total Assessed Value Damaged
	Building	Contents	Total	
Dam Failure				
Buffalo Creek	\$0	\$0	\$0	0.00%
U. Salt Cr. #2	\$0	\$0	\$0	0.00%
Touhy	\$0	\$0	\$0	0.00%
U. Salt Cr. #3	\$0	\$0	\$0	0.00%
U. Salt Cr. #4	\$0	\$0	\$0	0.00%
Earthquake				
1909 Historical Event	\$9,786,535	\$2,620,957	\$12,407,493	0.79%
Flood				
10-Year	\$0	\$0	\$0	0.00%
100-Year	\$0	\$0	\$0	0.00%
500-Year	\$0	\$0	\$0	0.00%

Tornado				
100-Year	\$53,857,950	\$41,479,981	\$95,337,931	6.05%
500-Year	\$106,856,212	\$78,178,044	\$185,034,256	11.74%

Hazard Mapping





