

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

Forest View Annex

FINAL

July 2019

Prepared for:



Cook County
Department of Homeland Security and Emergency Management
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Hazard Mitigation Point of Contact

Primary Point of Contact	Alternate Point of Contact
Tom Heller, Fire Chief 7010 W. 46th Street Forest View, IL 60402 Telephone: 708-749-1110 Email Address: theller@forestview-il.org	Gary Wiseman Jr., Police Chief 7000 W 46th Street Forest View, IL 60402 Telephone: 708-788-0318 Email Address: gwiseman@forestview-il.org

Jurisdiction Profile

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

- **Date of Incorporation:** 1924
- **Current Population:** The 2018 US Census population estimate for the Village of Forest View was 678.
- **Population Growth:** The Village of Forest View experienced a population decline since the 2000 Census when population was 778 (-10.2%). The residential area is land locked with little, if any, population growth anticipated. According to the 2010 census, the village has a total area of 1.20 square miles. From 2010 to 2016, there is more decline in population with the population down another 2 percent.
- **Location and Description:** The Village of Forest View is located approximately 9 miles southwest of the Chicago Loop, in the vicinity of Harlem Ave and the Stevenson Expressway. It has a geographical area of 1.07 square miles. Midway Airport is approximately 2.5 miles southeast of Forest View. Forest View is bordered by Stickney to the north, Garfield Ridge to the south, Lyons to the west, and Archer Heights to the east.
- **Brief History:** The Village of Forest View was founded in 1924 by World War I veterans who reportedly named it after the beautiful wooded and flowered prairies just west of the newly incorporated area. During the prohibition area, the infamous gangster, Al Capone housed bootleg liquor distilleries in local homes and garages. In 1949, Commonwealth Edison began constructing their generating plant on Ridgeland Ave. As a result, of the large property taxes paid by Commonwealth Edison and subsequent industrial developments, the tax base quickly expanded. Shortly thereafter, the Village experienced its greatest growth when developer Walter Baltis began building affordable homes throughout the community. The Forest View Park District was established in 1964; and new Village Hall was built in 1979 and a new firehouse in 2008.
- **Climate:** The climate of Forest View and the Chicago area is classified as humid continental, with all four seasons distinctly represented: wet springs; hot and humid summers; pleasant autumns; and cold winters. Annual precipitation is average, and reaches its lowest points in the months of January and February, and peaks in the months of May and June. Winter proves quite variable. Seasonal snowfall in the city has ranged from 9 – 90 inches. The daily average temperature in January at Midway Airport is 24.8 °F (-4.0 °C), and temperatures often stay below freezing for several consecutive days or even weeks in January and February. Temperatures drop to or below 0 °F (-18 °C) on 5.5 nights annually at Midway and 8.2 nights at O’Hare. Spring in the Chicago area is perhaps the city’s wettest and unpredictable season. Winter like conditions can persist well into April and even occasionally into May. Thunderstorms are especially prevalent in the spring time as the city’s lakeside location makes it a center of conflicts between large volumes of warmer and colder air, triggering many kinds of severe weather. Temperatures vary tremendously in the springtime; March is the month with the greatest span between the record highs and lows. On a typical summer day, humidity is usually moderately high and temperatures ordinarily reach anywhere between 78 and 92 °F (26 and 33 °C). The extreme heat that the Chicago area is capable of experiencing during the height of the summer season can persist into

the autumn season. Temperatures have reached 100 degrees high and subzero lows below -18 °C. Fall can bring heavy thunderstorms, many of which are capable of producing flooding. The average first accumulating snow occurs around Nov 19.

- **Governing Body Format:** Forest View is governed by seven elected officials, (a president and six trustees), and is in the 3rd Congressional District of Illinois. The Village Board oversees Police, Fire, Public Works, Water, and Building Departments. The Fire Department will oversee the implementation of this plan. The Village Board will assume the responsibility for the adoption and implementation of this plan.
- **Development Trends:** The residential area is landlocked with little room for expansion. Almost all industrial zoned property is located on both shores of the Sanitary and Ship Canal which is owned by the Metropolitan Water Reclamation District (MWRD). In most cases, the MWRD has not been responsive to requests for development. The remaining few industrial parcels have already been developed. The commercially zoned areas are very small with little anticipated growth. There may be some hope for development in Forest View with some new residential and retail properties from baby boomers making the move from Oak Park.

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	Ord. 96-13, 5-28-1996
Zonings	Yes	No	No	No	Ord. 96-19, 12-10-1996
Subdivisions	No	No	No	No	
Stormwater Management	No	No	Yes	No	State regulates industrial activity from Construction sites 1 acre or larger under section 402 CWA. MWRD, Lower Des Plaines Watershed Council.
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	No	No	Yes	No	Stickney Public Health Dept.
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	Ord. 08-07, 5-13-2008
Stormwater Plan	No	No	Yes	No	Regional stormwater impacts are managed by MWRD. The Village lies within the Lower Des Plaines watershed planning area of MWRD's comprehensive Stormwater Master Planning Program
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	No
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	Yes

TABLE: ADMINISTRATIVE AND TECHNICAL CAPABILITY		
Staff/Personnel Resources	Available?	Department/Agency/Position
Planners or engineers with knowledge of land development and land management practices	No	
Engineers or professionals trained in building or infrastructure construction practices	No	
Planners or engineers with an understanding of natural hazards	No	
Staff with training in benefit/cost analysis	No	
Surveyors	No	
Personnel skilled or trained in GIS applications	Yes	Cook Conty 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?	Building Department
Who is your jurisdiction’s floodplain administrator? (department/position)	Building Commissioner
Are any certified floodplain managers on staff in your jurisdiction?	No
What is the date of adoption of your flood damage prevention ordinance?	5-13-2008
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, we flooded in 2013

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, everything
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, probably

TABLE: COMMUNITY CLASSIFICATIONS			
	Participating?	Classification	Date Classified
Community Rating System	No	N/A	N/A
Building Code Effectiveness Grading Schedule	Yes	Unknown	Unknown
Public Protection	Yes	6	01/01/2005
StormReady	Yes	Gold (Countywide)	2014
Tree City USA	No	N/A	N/A

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 Number (if applicable)	Date	Preliminary Damage Assessment
Flood	DR-4116	4/2013	\$1,000,000
Snow	EM-3068	1/1979	-
Snow	EM-3134	1/1999	-
Snow	-	3/17/2011	-
Excessive Heat	-	7/31/1999	-
Excessive Heat	-	7/16/1995	-
Flooding	DR-798	8/14/1987	-

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: Forest View is at risk for flooding due to the levee not being maintained over the past decades.

Flood: Low rivers in the Village often flood quickly. Of particular concern is the Des Plaines River.

Severe Weather: In 2010, numerous trees, tree limbs and power lines were blown down across southwest areas of the City of Chicago.

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	Flood	51
2	Severe Weather	51
3	Severe Winter Weather	51
4	Tornado	48
5	Earthquake	32
6	Dam Failure	17
7	Drought	4

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 F4.1 —Rebuild Lyons Levee on East side of Des Plaines River between 49th and 41st Streets.						
Completed	Flood	1, 2, 9, 13	MWRD	High	MWRD	Completed
Action F4.2 —Update flood map of Forest View area.						
Ongoing	Flood	1, 2, 9, 13	FEMA	Medium	FEMA	Short-term
Action F4.3 —Update floodplain ordinance.						
Ongoing	Flood	3, 4, 5, 8, 9, 10	Village of Forest View MWRD	Low	Local	Short-term
Action F4.4 —Enhance the Village’s ISO class by replacing 6” water mains with 12”, loop dead end feeds, and supply 47th Street businesses.						
Ongoing	All	6, 8, 11	Village of Forest View	Low	Local, Grant	Short-term

Action F4.5 —Research, develop, validate, and maintain a plan that addresses all ranked hazards of concern.						
Ongoing	All	1, 3, 4, 5, 6, 8, 12, 13	Village of Forest View	Low	Local Army Corp	Long-term
Action F4.6 —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 Forest View	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action F4.7 —Continue to support the countywide actions identified in this plan.						
Ongoing	All	All	Village of Forest View	Low	General Fund	Short- and long-term
Action F4.8 —Actively participate in the plan maintenance strategy identified in this plan.						
Ongoing	All	3, 4, 6	DHSEM Village of Forest View	Low	General Fund	Short-term
Action F4.9 —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 Forest View	Low	General Fund	Long-term
Action F4.10 —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 Forest View	Low	General Fund	Short-term and ongoing
Action F4.11 —Where feasible, implement a program to record high water marks following high-water events.						
Ongoing	Flooding, Severe Weather	3, 6, 9	Village of Forest View	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term

Action F4.12 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.						
Ongoing	All	3, 4, 6, 10, 13	Village of Forest View	Low	General Fund	Short-term
Action F4.13 —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 implemented)	Long-term
Action F4.14 —Start working on new drainage sewer at 46th St. and Wenonah Ave. Working with MRD of g.c.						
New	Dam/Levee Failure, Flood	9	Forest View	High	MWRD or Self	N/A
Action F4.15 —Implement Wenonah Avenue Basin Flooding Relief Improvements						
New	Flood	9	MWRD	\$1,300,000	MWRD	TBD
(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 Number	Number 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	4	High	High	Yes	Yes	Yes	High
2	4	High	Low	Yes	Yes	No	High
3	6	High	Low	Yes	Yes	No	Low
4	3	Medium	High	Yes	Yes	No	Low
5	8	High	Low	Yes	Yes	No	Medium
6	2	High	High	Yes	Yes	No	Medium

7	13	Medium	Low	Yes	No	Yes	High
8	3	Medium	Low	Yes	Yes	Yes	High
9	9	Medium	Low	Yes	No	Yes	Medium
10	3	Medium	Low	Yes	No	Yes	High
11	3	Medium	Medium	Yes	Yes	No	Medium
12	5	Medium	Low	Yes	No	Yes	High
13	3	High	High	Yes	No	No	Medium
14	1	High	High	TBD	TBD	TBD	TBD
15	1	TBD	TBD	TBD	TBD	TBD	TBD

(a) See Chapter 1 for explanation of priorities.

New Mitigation Actions

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

Action F-4.14

Mitigation Action	Start working on new drainage sewer at 46th St. and Wenonah Ave. Working with MRD of g.c.
Year Initiated	2019
Applicable Jurisdiction	
Lead Agency/Organization	Forest View
Supporting Agencies/Organizations	MWRD
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.
Applicable Objective	<ul style="list-style-type: none"> Provide or improve flood protection on a watershed basis with flood control structures and drainage maintenance plans.
Potential Funding Source	MWRD or self
Estimated Cost	TBD
Benefits (loss avoided)	TBD
Projected Completion Date	TBD
Priority and Level of Importance (Low, Medium, High)	TBD
Benefit Analysis (Low, Medium, High)	High - Project will provide an immediate reduction of risk exposure for life and property.
Cost Analysis (Low, Medium, High)	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).
Actual Completion Date	TBD

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

X	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 F-4.15

Mitigation Action	Implement Wenonah Avenue Basin Flooding Relief Improvements
Year Initiated	2019
Applicable Jurisdiction	
Lead Agency/Organization	
Supporting Agencies/Organizations	
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.
Applicable Objective	<ul style="list-style-type: none"> Provide or improve flood protection on a watershed basis with flood control structures and drainage maintenance plans.
Potential Funding Source	MWRD
Estimated Cost	\$1,300,000
Benefits (loss avoided)	TBD
Projected Completion Date	TBD
Priority and Level of Importance (Low, Medium, High)	TBD
Benefit Analysis (Low, Medium, High)	TBD
Cost Analysis (Low, Medium, High)	TBD
Actual Completion Date	TBD

Recommended Mitigation Action/Implementation Plan and Project Description	
Action/Implementation Plan and Project Description:	Contract: 18-IGA-28 Watershed: Lower Des Plaines Location: Forest View, IL Description: New storm sewers and outfall in coordination with IDOT drainage project.

Mitigation Action and Project Maintenance		
Year	Status	Comments
2019	New	Drafting intergovernmental agreement
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

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 F-4.2

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.2	Update flood map of Forest View area.	
Status Description: Yes	Have not have staff time or funding to complete this objective.	X
<p>Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action F-4.3

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.3	Update floodplain ordinance	
Status Description: No	Have not have staff time or funding to complete this objective.	X
<p>Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action F-4.4

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.4	Enhance the Village’s ISO class by replacing 6” water mains with 12”, loop dead end feeds, and supply 47th Street businesses.	
Status Description: No	Have not have funding to complete this objective.	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 F-4.5

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.5	Research, develop, validate, and maintain a plan that addresses all ranked hazards of concern	
Status Description: No	Have not have staff time or funding to complete this objective.	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 F-4.6

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.6	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	Have not have staff time or funding to complete this objective.	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 F-4.7

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.7	Continue to support the countywide actions identified in this plan.	
Status Description: Yes	Continue to support rebuild of the Lyons Levee	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 F-4.8

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.8	Actively participate in the plan maintenance strategy identified in this plan.	
Status Description: Yes	Continuing to find opportunities	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 F-4.9

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.9	Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.	
Status Description: No	Have not have staff time or funding to complete this objective.	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 F-4.10

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.10	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: No	Have not have staff time or funding to complete this objective.	X
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Action F-4.11

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.11	Where feasible, implement a program to record high water marks following high-water events.	
Status Description: Yes	All department heads monitor and receive alerts for the USGS Des Plaines River at Lyons gauge.	O
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Action F-4.12

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.12	Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.	
Status Description: Yes	Evidence in recent annexation of property for development as a Fed Ex terminal.	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 F-4.13

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.13	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	Have not have staff time or funding to complete this objective.	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

The following section represents completed mitigation actions, and serves as an archive of identified and completed projects.

Action F-4.1

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# F-4.1	Rebuild Lyons Levee on East side of Des Plaines River between 49th and 41st Streets.	
Status Description: Yes	Rebuild Lyons Levee on East side of Des Plaines River between 49th and 41st Streets.	C
<p align="center">Completion status legend:</p> <p align="center"> N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken </p>		

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

FOREST VIEW EXISTING CONDITIONS	
2010 Population	698
Total Assessed Value of Structures and Contents	\$1,052,956,406
Area in 100-Year Floodplain	105.90 acres
Area in 500-Year Floodplain	105.90 acres
Number of Critical Facilities	19

HAZARD EXPOSURE IN FOREST VIEW						
	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	—	—	\$144,605,204	\$128,573,484	\$273,178,688	25.94%
500-Year	—	—	\$216,303,002	\$203,532,681	\$419,835,683	39.87%

ESTIMATED PROPERTY DAMAGE VALUES IN FOREST VIEW				
	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	\$11,221,216	\$4,112,553	\$15,333,769	1.46%
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	\$14,460,520	\$12,857,348	\$27,317,869	2.59%
500-Year	\$31,580,238	\$29,715,771	\$61,296,010	5.82%

Hazard Mapping



