

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

Rosemont 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
Donald E. Stephens III, Superintendent 9501 Devon Ave Rosemont, IL 60018-4811 Telephone: 847-823-1134 Email: chiefstephens@villageofrosemont.org	Joe Balogh, Sargeant 9501 Devon Ave Rosemont, IL 60018-4811 Telephone: 847-823-1134 x 373 Email: baloghj@villageofrosemont.org

Jurisdiction Profile

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

- **Date of Incorporation:** 1956
- **Current Population:** 4,107 as of the 2018 U.S. Census population estimate.
- **Population Growth:** As of 2010, the total Rosemont population was 4,202, which had decreased 0.52% since 2000. The population estimates indicate a slight decrease from 2010 to 2018.
- **Location and Description:** Rosemont is a northwest suburb of Chicago, 17 miles from the Chicago Loop. It is primarily an industrial and commercial suburb with 25 percent residential area; and 75 percent commercial/industrial area. Suburbs that are adjacent to Rosemont include: Des Plaines and Park Ridge to the North, Schiller Park to the south, and Norwood Park to the east. O’Hare International Airport surrounds the entire western boundary of the Village. Rosemont is a high traffic location with I-90 and I-294 crossing in the boundaries, multiple exits for O’Hare airport and major roads including; Higgins, River and Mannheim
- **Brief History:** The Village was incorporated in 1956, though it was settled much earlier. While Rosemont’s land area and population are relatively small among municipalities in the Chicago metropolitan area, the village is a major center for commercial activity and is a key component of the Golden Corridor. Numerous corporate facilities are located in Rosemont: the 840,000-square-foot (78,000 square meters) Donald E. Stephens Convention Center, and the Fashion Outlets of Chicago. Rosemont is a gated community, as a result of the 1995 decision by residents to enclose the residential portions of the city (roughly half the area of the city), restricting access to locals only and keeping out passers-by. Rosemont is positioned between O’Hare International Airport and the Chicago Loop. Due to its location, much of the village is occupied by large hotels and office buildings. Most major hotel chains operating in the United States have a presence in Rosemont, including Global Hyatt, Hilton Hotels Corporation, Marriott International, Starwood Hotels & Resorts Worldwide, Wyndham Hotels & Resorts, Accor, and InterContinental Hotels Group, among others. According to Colliers Bennett & Kahnweiler, the Rosemont/O’Hare office market encompassed approximately 13,500,000 square feet (1,250,000 square meters) of total inventory in 2008.] Corporate headquarters in the village include those of Culligan, US Foods, Velsicol Chemical Corporation, Banco Popular North America, World Kitchen, Riddell, Reyes Holdings, and Taylor Capital Group (Cole Taylor Bank). Additionally, Rosemont operates several visitor related-forums. Among these are the Donald E. Stephens Convention Center, used for trade shows and gatherings; the Rosemont Theater, formally known as the Rosemont Theater, used for theatrical purposes; and the Allstate Arena, used for concerts, professional wrestling (three times hosting WrestleMania), DePaul Blue Demons Basketball, Chicago Rush arena football, Chicago Sky WNBA basketball and Chicago Wolves hockey. Rosemont’s Allstate Arena is home to the Chicago Rush of the Arena Football League, Chicago Wolves in the American Hockey League, the WNBA’s Chicago Sky, and the DePaul University’s basketball team. Also, starting in 2011, the Chicago Bandits women’s National Pro Fastpitch team will play in Rosemont after playing in Elgin, Illinois and Lisle, Illinois in the past. The Allstate Arena hosted the Regional Final and Semifinal games in the 2005 NCAA Men’s Division I Basketball Tournament. The

Allstate Arena was also home to the Chicago Bruisers, an original member of the Arena Football League in 1987

- **Climate:** The climate of Rosemont 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 Village 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 areas 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 areas 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:** Rosemont utilizes a Village Board form of government which consists of six Trustees, a Mayor, and a Clerk. This body of Government will assume the responsibility for the adoption and implementation of this plan. The Village operates 4 departments including: Department of Public Works, Department of Health & Licensing, Park District, and the Department of Public Safety.
- **Development Trends:** The Village of Rosemont is embarking on the first comprehensive planning process since 1977. This comprehensive plan will provide a framework to improve consistency in long-term planning, resulting in both increased levels of sustainability and livability as Rosemont continues to develop. Rosemont will continue to grow in the areas of business, corporate and entertainment. The areas of residential growth are limited and a population increase is not anticipated. Rosemont celebrated its 60th anniversary in 2016, the Village of Rosemont expanded its entertainment offerings with the announcement of a new professional baseball stadium, home to a new minor league baseball team, opening in May 2018. Rosemont also plans to open a new mixed-use complex, “The Pearl District,” in 2018. Located at the intersection of Balmoral Avenue and Pearl Street, the development will be home to several businesses including Rosemont’s first-ever boutique hotel, “The Rose,” and Dave & Buster’s. Additional tenants will be announced at a later date. Both the stadium and The Pearl District will be located at the intersection of Balmoral Avenue and Pearl Street, west of I-294.

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. Rosemont adopted the code.
Zonings	Yes	No	No	Yes	(65 ILCS 5/) Illinois Municipal Code. Rosemont adopted this code.
Subdivisions	No	No	No	No	
Stormwater Management	Yes	No	Yes	Yes	5/1/14 WMO
Post Disaster Recovery	Yes	No	No	No	The EOP is pending and in process.
Real Estate Disclosure	Yes	No	Yes	Yes	(765 ILCS 77/) Residential Real Property

					Disclosure Act. – Rosemont is compliant
Growth Management	No	No	No	No	
Site Plan Review	Yes	No	No	No	Building Engineering
Public Health and Safety	No	No	Yes	No	Cook County Board of Health.
Environmental Protection	Yes	No	No	No	Rosemont’s code is compliant
Planning Documents					
General or Comprehensive Plan	Yes	No	No	No	In Process of Development.
Is the plan equipped to provide linkage to this mitigation plan?					(Yes-In Process of Development)
Floodplain or Basin Plan	Yes	No	No	No	5/1/14 WMO
Stormwater Plan	Yes	No	Yes	No	Regional stormwater impacts are managed by MWRD. The Village lies within the Des Plaines River watershed planning area of MWRD’s comprehensive Stormwater Master Planning Program
Capital Improvement Plan	Yes	No	No	No	The local plan is in progress
<i>What types of capital facilities does the plan address?</i>					All
<i>How often is the plan revised/updated?</i>					5 years

Habitat Conservation Plan	No	No	No	No	N/A
Economic Development Plan	Yes	No	No	Yes	The Economic Development Plan Commission is charged with reviewing all economic development related programs and incentives including tax incentives offered through the Cook County 6b program. The local plan is pending revision.
Shoreline Management Plan	No	No	No	No	N/A
Response/Recovery Planning					
Comprehensive Emergency Management Plan	Yes	No	No	No	Pending revision
Threat and Hazard Identification and Risk Assessment	No	No	Yes	No	Cook County DHSEM Preparing THIRA
Terrorism Plan	Yes	No	Yes	No	Cook County DHSEM, Village EOP in process
Post-Disaster Recovery Plan	Yes	No	No	No	Village EOP in process
Continuity of Operations Plan	Yes	No	Yes	No	Cook County DHSEM, Village EOP in process

Public Health Plans	Yes	No	Yes	No	Cook County DHSEM, Village EOP in process
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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	Yes
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	Yes	Village Engineer
Engineers or professionals trained in building or infrastructure construction practices	Yes	Village Engineer
Planners or engineers with an understanding of natural hazards	Yes	Village Engineer
Staff with training in benefit/cost analysis	Yes	Village Engineer
Surveyors	Yes	Village Engineer
Personnel skilled or trained in GIS applications	Yes	Cook County GIS Consortium/Village Engineer

Scientist familiar with natural hazards in local area	No	
Emergency manager	Yes	Joseph Balogh/Village EM
Grant writers	Yes	Administrative Consulting Specialists, Todd Kupsak

TABLE: NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE	
What department is responsible for floodplain management in your jurisdiction?	Village Engineer
Who is your jurisdiction’s floodplain administrator? (department/position)	Village Engineer
Are any certified floodplain managers on staff in your jurisdiction?	Yes – Village Engineer
What is the date of adoption of your flood damage prevention ordinance?	Sewer Permit Ordinance
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)	Yes
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?	No
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	Unknown	Unknown	Unknown
Public Protection/ISO	Unknown	Unknown	Unknown

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: 4
- Number of FEMA-Identified Severe Repetitive Loss Properties: 0
- Number of Repetitive Flood Loss/Severe Repetitive Loss Properties That Have Been Mitigated: 1

TABLE: NATURAL HAZARD EVENTS			
Type of Event	FEMA Disaster Number (if applicable)	Date	Preliminary Damage Assessment
Flash Flood	-	9/3/2018	-
Severe Storm/Thunder Storm – Wind	-	8/2/2015	25,000 property damage.
Hail	-	8/2/2015	-
Flooding	-	7/1/2014	-
Severe Winter Storm	-	1/1/2014	13.8 inches of snow.
Severe Storm	-	7/24/2013	3.74 inches of rain/street and basement flooding.
Severe Storm	-	6/26/2013	3.75 inches of rain/street and basement flooding.
Severe Storm	DR-4116	4/18/2013	4.8 inches of rain/street and basement flooding.
Severe Storm	9325782	7/22/2011	4.25 inches of rain/street and basement flooding.
Severe Storm	-	6/21/2011	Severe storm with wind damage to trees.
Severe Storm/Thunder Storm – Wind	9322464	6/21/2011	-
Illinois Severe Winter Storm and Snowstorm	DR-1960	1/31/2011	Heavy snow.

Severe Storm/Thunder Storm – Wind	9240525	9/21/2010	–
Illinois Severe Storms and Flooding	DR-1935	7/19/2010	–
Severe Storm	9322464	6/19/2009	3.20 inches of rain/street and basement flooding.
Severe Storm	DR-1800	9/13/2008	7.26 inches of rain/street and basement flooding.
Wind—Winter Weather	8867633	1/22/2008	Snow removal.
Severe Storm/Thunder Storm – Wind	DR-1729	8/23/2007	Severe storm with wind damage to trees.
Flooding	8827885	6/26/2007	-
Flooding	8810172	9/13/2006	4.44 inches of rain/street and basement flooding.
Illinois Severe Winter Storm	EM-3161	12/11/2000	–
Illinois Winter Snow Storm	EM-3134	1/1/1999	21.6 inches of snow.
Illinois Flooding	DR-1188	8/16/1997	–
Illinois Flooding, Severe Storms	DR-997	4/13/1993	–
Severe Storm/Thunder Storm – Wind	9277194	6/29/1990	–
Illinois Severe Storms, Flooding	DR-798	8/13/1987	–
Illinois Severe Storms, Flooding	DR-776	9/21/1986	–
Illinois Severe Storms, Tornadoes, Flooding	DR-643	6/30/1981	–
Illinois blizzards and snowstorms	EM-3068	1/16/1979	18.8 inches of snow.

Illinois Severe Storms, Tornadoes, Flooding	DR-509	6/18/1976	–
Illinois Severe Storms, Flooding	DR-373	4/26/1973	–
Illinois Severe Storms, Flooding	DR-351	9/4/1972	–
Severe Storm/Thunder Storm – Wind	8935123	8/16/1968	–

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.

Flood: The Village has experienced flash flooding in residential streets during heavy/extended rainfall. In 2014, A foot of standing water reduced traffic to a single lane on westbound I-190 near Mannheim Road. A trail of passengers that abandoned their cars and cabs walked to O'Hare Airport. In 2014, A foot of standing water reduced traffic to a single lane on westbound I-190 near Mannheim Road. A trail of passengers that abandoned their cars and cabs walked to O'Hare Airport. In 2018, Heavy rain caused flooding inside portions of Terminal 5 at Chicago O'Hare Airport. Interstate 90, which is the entrance to O'Hare Airport, was closed in both directions due to significant flooding where Mannheim Road crosses the interstate and where the Canadian National Railway bridge crosses the interstate. Rainfall of 1.45 inches was measured at O'Hare Airport and 1.97 inches was measured nearby, 0.7 miles west northwest of Park Ridge.

Extreme Cold and Heat: Senior living areas throughout the Village would be vulnerable to extreme temperature events ([15.9% of the populations is 62 or older](#)).

Severe Weather: In 2010, the roof of the All State Arena was damaged by hail and had to be replaced. In 2015, strong winds ripped a hole in the Dome at the Ballpark practice facility causing it to collapse.

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	54
2	Severe Weather	54
3	Tornado	54
4	Severe Winter Weather	39
5	Earthquake	18
6	Dam Failure	11
7	Drought	9

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	Sources of Funding	Estimated Cost	Timeline/Projected Completion Date (a)
Action R9.1 —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	Rosemont	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action R9.2 —Continue to support the countywide actions identified in this plan.						
Ongoing	All	All	Rosemont	Low	General Fund	Short- and long-term
Action R9.3 —Actively participate in the plan maintenance strategy identified in this plan.						
Ongoing	All	3, 4, 6	DHSEM, Rosemont	Low	General Fund	Short-term
Action R9.4 —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	Rosemont	Low	General Fund	Long-term
Action R9.5 —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	Rosemont	Low	General Fund	Short-term and ongoing
Action R9.6 —Where feasible, implement a program to record high water marks following high-water events.						
Ongoing	Flooding, Severe Weather	3, 6, 9	Rosemont	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action R9.7 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.						
Ongoing	All	3, 4, 6, 10, 13	Village Engineer	Low	General Fund	Short-term
Action R9.8 —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 implemented)	Long-term
Action R9.9 —Convention Center Retention Wall; Prevent Des Plaines River from damaging Convention Center. This retention wall is for the Des Plaines River next to the Convention Center. The April flood caused significant issues and interruptions in the area. This flood wall is our number 1 priority and conceptual plans are in place.						
Ongoing	Flooding, Severe Weather	1, 2, 3, 7, 9	Rosemont	\$1,500,000; High	General Fund	5 years Short-term
Action R9.10 —Ruby Street Floodway; Detention pond for Willow Creek on O’Hare property. This cooperative effort with the City of Chicago resulted in a successful retention of rain water that eventually drained back to Willow Creek. Higgins/Willow Reservoir completed 2010. This is the Final retention wall for Willow Creek.						
Completed	Flooding, Severe Weather	1, 2, 3, 7, 9	Rosemont	\$1,200,000; High	General Fund	Completed

Action R9.11—Higgins and River Pumping Station/Collaborative Project; This plan addresses urban flooding and Des Plaines River flooding. During major events the roadways around the only bridge in the area floods and makes the area impassable. The proposal is to increase the size of drain pipes, add a water pumping station, and provide underground reservoirs in the area to mitigate the flooding during these major flood.

Ongoing	Urban Drainage, Flooding, Severe Weather	1, 2, 3, 7, 9	Rosemont, Park Ridge, Des Plaines, Chicago	\$10,000,000; High	General Fund	5 years Short-term
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Action R9.12—Update Village of Rosemont website with Emergency information with additional links to the CCDHSEM website.

New	Flood, Extreme Heat, Lightning, Hail, High Wind, Snow Blizzard, Extreme Cold, Ice Storms, Tornado, Epidemic or Pandemic, Widespread Power Outage, Hazardous Materials Incident	5, 6	Rosemont	Low	N/A	Short-term
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(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	5	High	High	Yes	Yes	No	Low	
10	5	High	High	Yes	Yes	No	Low	
11	5	High	High	Yes	Yes	No	Low	
12	2	Medium	Low	Yes	Unknown	Unknown	High	

(a) See Chapter 1 for explanation of priorities.

New Mitigation Actions

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

Action R-9.12

Mitigation Action	Update Village of Rosemont website with Emergency information with additional links to the CCDHSEM website
Year Initiated	2019
Applicable Jurisdiction	Rosemont
Lead Agency/Organization	Rosemont
Supporting Agencies/Organizations	CCDHSEMs
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"> • Develop, improve, and protect systems that provide early warnings, emergency response communications, and evacuation procedures. • 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	N/A
Estimated Cost	N/A
Benefits (loss avoided)	Provide awareness/plans for local residents/visitors
Projected Completion Date	TBD
Priority and Level of Importance (Low, Medium, High)	High
Benefit Analysis (Low, Medium, High)	Medium—Project will have 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	
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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
X	Extreme Heat
X	Lightning
X	Hail
	Fog
X	High Wind
X	Snow
X	Blizzard
X	Extreme Cold
X	Ice Storms
X	Tornado
X	Epidemic or pandemic
	Nuclear Power Plant Incident
X	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
X	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 R-9.1

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-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 R-9.2

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-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 R-9.3

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-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 R-9.4

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-9.4	Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.	
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 R-9.5

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-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 R-9.6

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-9.6	Where feasible, implement a program to record high water marks following high-water events.	
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 R-9.7

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-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 R-9.8

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-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>		

Action R-9.9

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-9.9	Convention Center Retention Wall; Prevent Des Plaines River from damaging Convention Center. This retention wall is for the Des Plaines River next to the Convention Center. The April flood caused significant issues and interruptions in the area. This flood wall is our number 1 priority and conceptual plans are in place.	
Status Description:	Design plans are approximately 95% complete. The Village is currently coordinating with utility companies and permitting agencies. It is envisioned that construction will begin when funding becomes available and permits have been secured.	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 R-9.11

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-9.11	Higgins and River Pumping Station/Collaborative Project; This plan addresses urban flooding and Des Plaines River flooding. During major events the roadways around the only bridge in the area floods and makes the area impassable. The proposal is to increase the size of drain pipes, add a water pumping station, and provide underground reservoirs in the area to mitigate the flooding during these major flood.	
Status Description: No	This item is still in the concept planning stage. No action has been taken at this time.	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 R-9.10

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-9.10	Ruby Street Floodway; Detention pond for Willow Creek on O’Hare property. This cooperative effort with the City of Chicago resulted in a successful retention of rain water that eventually drained back to Willow Creek. Higgins/Willow Reservoir completed 2010. This is the Final retention wall for Willow Creek.	
Status Description: Yes	Project completed as of 2010	C
<p>Completion status legend: 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

During the 1990s, the Village of Rosemont focused on flood control efforts along the western boarder of the town for Willow Creek. These efforts were a long term sustained effort to prevent flooding in the residential area of the Village that boarded O'Hare Airport.

HAZUS-MH Risk Assessment Results

ROSEMONT EXISTING CONDITIONS	
2010 Population	4,202
Total Assessed Value of Structures and Contents	\$1,939,632,130
Area in 100-Year Floodplain	75.34 acres
Area in 500-Year Floodplain	230.94 acres
Number of Critical Facilities	52

HAZARD EXPOSURE IN ROSEMONT						
	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	530	163	\$271,234,000	\$212,761,000	\$483,995,000	24.95%
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	299	92	\$55,947,398	\$42,943,118	\$98,890,516	5.10%
Tornado						
100-Year	—	—	\$368,930,229	\$313,800,397	\$682,730,626	35.20%
500-Year	—	—	\$239,401,477	\$176,833,982	\$416,235,459	21.46%

ESTIMATED PROPERTY DAMAGE VALUES IN ROSEMONT				
	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	\$4,618,000	\$9,215,000	\$13,833,000	0.71%
U. Salt Cr. #3	\$0	\$0	\$0	0.00%
U. Salt Cr. #4	\$0	\$0	\$0	0.00%
Earthquake				
1909 Historical Event	\$6,394,963	\$1,669,516	\$8,064,478	0.42%
Flood				
10-Year	\$0	\$0	\$0	0.00%
100-Year	\$0	\$0	\$0	0.00%
500-Year	\$3,674,771	\$4,138,714	\$7,813,485	0.40%

Tornado				
100-Year	\$36,893,023	\$31,380,040	\$68,273,063	3.52%
500-Year	\$34,952,616	\$25,817,761	\$60,770,377	3.13%

Hazard Mapping





