

6 Schaumburg 2021 MJ-HMP Jurisdictional Annual Report

Primary Point of Contact

Tracy Raimondo, Emergency Manager
1601 N Roselle RD
Schaumburg, IL 60195
Telephone: 847-923-6747
Email Address: Traimondo@Schaumburg.com

Alternate Point of Contact

James Walters, Fire Chief
1601 N Roselle RD
Schaumburg, IL 60195
Telephone: 847-923-6744
Email Address: jwalters@schaumburg.com

Annual Reporting Year: 2021

Background: Cook County and participating municipalities in the county developed a hazard mitigation plan to reduce risk from all hazards by identifying resources, information, and strategies for risk reduction. The federal Disaster Mitigation Act of 2000 requires state and local governments to develop hazard mitigation plans as a condition for federal disaster grant assistance. To prepare the plan, the participating partners organized resources, assessed risks from natural hazards within the county, developed planning goals and objectives, reviewed mitigation alternatives, and developed an action plan to address probable impacts from natural hazards. By completing this process, these jurisdictions maintained compliance with the Disaster Mitigation Act, achieving eligibility for mitigation grant funding opportunities afforded under the Robert T. Stafford Act.

Purpose: The purpose of this report is to provide an annual update on the implementation of the action plan identified in the Cook County Multi-Jurisdictional Hazard Mitigation Plan. The objective is to ensure that there is a continuing and responsive planning process that will keep the Hazard Mitigation Plan dynamic and responsive to the needs and capabilities of the partner jurisdictions. This report discusses the following:

- Natural hazard events that have occurred within the last year
- Changes in risk exposure within the planning area (all of Cook County) Mitigation success stories
- Review of the action plan
- Changes in capabilities that could impact plan implementation
- Recommendations for changes/enhancement.

Hazard Analysis

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: In our community, the intersection of Weathersfield Way and Brain Tree Ln has been subject to repetitive flooding in heavy rains. Also, our healthcare facility is susceptible to flooding due to run-off rainwater. In order to identify similar areas subject to flooding in our community, we need to contact EPW for verification.

Lightning: Lightning has the potential to bury power lines subject to lightning impact (i.e. Plum Grove Rd).

Natural Hazard Events in 2021

Instructions: Please use the **Edit** Tool to describe new hazard occurrences/incidents from the past year that have impacted your jurisdiction and had a measurable impact on people or property. (Example: A tornado occurred on [Date] and impacted [insert area] and caused damage to [insert damages]). You may also use the Edit Tool to suggest any modifications/improvements to the hazards unique to your community, as described below from the 2019 plan.

Describe 2021 Natural Hazard Events Here: Covid-19 was a significant natural biological hazard that impacted the Village this year. The damages were isolated to financial impact and business service interruption to the local businesses as well as the local government.

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.

New Mitigation Actions

Please submit [here](#)

Ongoing Mitigation Actions

The following are ongoing actions. During the 2019 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed. Reviewers of this report should refer to the Hazard Mitigation Plan for more detailed descriptions of each action and the prioritization process. Address the following for each mitigation action:

- Was any element of the action carried out during the reporting period?
- If no action was completed, why?
- Is the timeline for implementation or the action still appropriate?
- If the action was completed, does it need to be changed or removed from the action plan?

TABLE: HAZARD MITIGATION ACTION PLAN MATRIX

Completion status legend:	
N = New	O = Action Ongoing toward Completion
C = Project Completed	R = Want Removed from Annex X = No Action Taken

2021 Status	2020 Status	2019 Status	Hazards Mitigated	Objectives Met	Lead Agencies	Estimated Cost	Sources of Funding	Timeline/Projected Completion Date (a)
Action S2.1 —Replace old CMO arch culvert with concrete box culverts on the West Branch of the DuPage River.								
Status Description: 2021:								
2020: Summit Drive and Bradford Drive culverts were rehabilitated via structural liner installation in FY 2018/19 and FY2019/20.								
C	-	Completed	Urban Flooding, Severe Weather	1, 2, 9, 13	Village of Schaumburg Engineering and Public Works Dept	\$1,268,000	CIP and Bridge Funds	Long-term
Action S2.2 —Village cost sharing program to assist residents of older homes to install overhead sewers.								
Status Description: 2021: Still ongoing, current budget remains at \$6,000 annually.								
2020: The cost-share program continues annually and is administered through the Community Development Department. The current Village budget is \$6,000 annually								
O		Ongoing	Urban Flooding, Severe Weather	1, 2, 6, 9, 13	Village of Schaumburg Engineering and Public Works Dept.	\$25,000	CIP	Long-term
Action S2.3 —Complete study to provide compensatory storage along the West branch of the DuPage River.								
Status Description: 2021: Study has been completed								
2020: The final design of this project is currently underway. Final design anticipated being completed this fiscal year								
C		Ongoing	Urban Flooding, Severe Weather	1, 2, 9, 13	Village of Schaumburg Engineering and Public Works Dept.	High	CIP	Long-term
Action S2.4 —Implement culvert and detention improvements recommended from Action S2.3 study.								
Status Description: 2021: The study has been completed and a 5yr plan has been implemented to take action based on study performed.								
2020: The construction of this cannot occur until the final design is completed. The Village will be seeking grant funding to completed construction								
X		Ongoing	Urban Flooding, Severe Weather	1, 2, 9, 13	Village of Schaumburg Engineering and Public Works Dept.	Medium	CIP	Long-term
Action S2.5 —Update Village of Schaumburg Emergency Operations Plan.								
Status Description: 2021: The EOP is completed and in the approval process								
2020: Sections have been updated but due to COVID and the retirement of the Emergency Management Coordinator, this was put on hold. The new Emergency Manager is in process of updating the EOP according to the JEMS template. This should be completed by 2021 and implemented by 2022.								
C		Ongoing	All	1, 5	Village of Schaumburg EMA	Low	General Fund	Short-term
Action S2.6 —Approve Emergency Action Plan Agreement with Metropolitan Water Reclamation District.								
Status Description:								
C	-	Completed	Dam Failure	1, 5, 8	MWRD	Low	General Fund	Completed
Action S2.7 —Conduct EOC Exercises to train the Village Incident Management Team on Disaster Events.								
Status Description: 2021: This is ongoing annually in coordination with JEMS								
O		Ongoing	All	1, 5, 8	Village of Schaumburg EMA	Low	General Fund	Short-term
Action S2.8 —Maintain Village of Schaumburg's Outdoor Warning Siren System and upgrade system as necessary.								
Status Description: 2021: Ongoing. Two sirens are scheduled for upgrades Nov/Dec 2021								
O		Ongoing	Tornado, Severe Weather	1, 2, 5	Village of Schaumburg EMA	\$17,500; Low	General Fund	Short-term

Action S2.9 —Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structural damage. Give priority to properties with exposure to repetitive losses.								
Status Description:								
R		Ongoing	All	7, 13	Village of Schaumburg	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action S2.10 —Continue to support the countywide actions identified in this plan								
Status Description:								
O		Ongoing	All	All	Village of Schaumburg	Low	General Fund	Short- and Long-term
Action S2.11 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
O		Ongoing	All	3, 4, 6	DHSEM, Village of Schaumburg	Low	General Fund	Short-term
Action S2.12 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
Status Description: 2021: Still maintaining Storm Ready certification and Tree City								
2020: The Village obtained Storm Ready Certification in 2020. We will continue to look for additional opportunities in the future as they arise.								
C		Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village of Schaumburg	Low	General Fund	Long-term
Action S2.13 —Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements.								
Status Description:								
2020: The Village has not changed their implementation programs.								
R		Ongoing	Flooding	4, 6, 9	Village of Schaumburg	Low	General Fund	Short-term and Ongoing
Action S2.14 —Where feasible, implement a program to record higher watermarks following high-water events.								
Status Description:								
2020: Not completed due to Operational constraints due to staffing, budget, and planning. The action is still feasible and will be programmed as operational constraints ease.								
R		Ongoing	Flooding, Severe Weather	3, 6, 9	Village of Schaumburg	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action S2.15 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or development.								
Status Description: 2021: Ongoing								
2020: The Community Development Department does not allow the building of any structures within identified flood zones to mitigate against flooding in the community.								
O		Ongoing	All	3, 4, 6, 10, 13	Community Development	Low	General Fund	Short-term
Action S2.16 —Replace the existing Outdoor Siren System (OWSS) with OWSS which have battery backup capability.								
Status Description: Two sirens upgraded 2021, This is the same as S2.18								
2020: Ongoing indicates a continuation of an action that is already in place. Short-term indicates implementation within five years. Long-term indicates implementation after five years. Scheduled replacements for this year were cut from the budget due to COVID budget constraints.								
R		New	Tornado, Widespread Power Outage	1, 2, 5	Emergency Management Agency	\$160,000	Local Funds	2025
Action S2.17 —Burial of electrical lines to prevent interruption of services during severe weather								
Status Description:								
N	-	-	Widespread Power Outage	3	-	High	Grants/Com-Ed Partnership	-
Action S2.18 —Install a new municipal well								
Status Description:								
N	-	-	All Hazards	3	-	-	Grants	-

Action S2.19 —Construct a safe 5/5 project to address flooding issues and rehabilitate storm sewers near Braintree and Weathersfield									
Status Description:									
N	-	-	Flood	3	-	Medium	Grants	-	
Action S2.20 —Replace/purchase Generator for multiple village locations including police, public works, fire departments, senior services and update or install generator connections to the buildings									
Status Description:									
N	-	-	Widespread Power Outage	3	Public Works	Medium	Grants	-	
Status Description: Water Station Electrical Improvements- Pump and Motor Replacement									
N	-	-	All Hazards	3	Water Division-PW	Medium	Grants	-	
Action S2.22 —Real Time Information Center Expansion									
Status Description:									
N	-	-	All Hazards	2, 3	Police Department	High	Grants	-	
Action S2.23 —Replace outdated computers, network system components, communications and all electronic systems within the EOC and remodel the EOC for more functionality									
Status Description:									
N	-	-	All Hazards	3	Emergency Management	High	Grants	-	
Action S2.24 —Plan and build an alternative escape route at the barn that is ADA accessible									
Status Description:									
N	-	-	All Hazards	2	Fire Department	Medium	Grants	-	
Action S2.25 —Safe room installation or modification									
Status Description:									
N	-	-	Lightning, High Wind, Tornado	2	Fire Department	High	-	-	
Action S2.26 —Public Safety Building Garage Drain Modifications and Flooring Replacement									
Status Description:									
N	-	-	Flood	3	Public Works	Medium	-	-	
(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.									

Mitigation Success Stories: Examples of mitigation success stories include, but are not limited to: received a Grant, completed a major mitigation project, etc.

We were successful in our application for Grant Funding through ComEd to help assist us with upgrading one of our outdoor warning sirens.

Future Needs: Examples of future needs include, but are not limited to: receiving training to better understand the mitigation grant application process, studies that may be needed to better understand hazards/risks, etc. I think we would benefit greatly from assistance finding grants that are applicable to our projects.

6.1 Action S2.17

Mitigation Action	Burial of electrical lines to prevent interruption of services during severe weather
Year Initiated	2021
Applicable Jurisdiction	Village of Schaumburg
Lead Agency/Organization	-
Supporting Agencies/Organizations	-
Applicable Goal	<ul style="list-style-type: none"> Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events.
Potential Funding Source	Grants/Com-Ed Partnership
Estimated Cost	-
Benefits (loss avoided)	Loss of power could result in a loss of services to protect life including heat, air condition, food storage
Projected Completion Date	-
Priority and Level of Importance (Low, Medium, High)	High 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)	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	-

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	<p>Bury existing overhead powerlines to mitigate against severe weather damage which will impact life safety. Identified areas required in order of priority are:</p> <p>Spring south Road (Schaumburg Road to Wise Road)</p> <p>Meacham Road (I-90 south to Village Limits)</p> <p>Plum Grove Road (Golf to Higgins and Higgins to Schaumburg)</p> <p>Algonquin Road (Meacham Road to western village limits)</p>
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
2022		
2023		

Mitigated Hazards

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
X	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
	Hazardous Materials Incident

6.2 Action S2.18

Mitigation Action	Install a new municipal well
Year Initiated	2021
Applicable Jurisdiction	Village of Schaumburg
Lead Agency/Organization	-
Supporting Agencies/Organizations	-
Applicable Goal	<ul style="list-style-type: none"> Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events.
Potential Funding Source	Grants
Estimated Cost	-
Benefits (loss avoided)	This well will provide water in case the Northwest Suburban Municipal Joint Action Water Agency or the DuPage Water Commission no longer have the ability to provide water
Projected Completion Date	-
Priority and Level of Importance (Low, Medium, High)	High Priority
Benefit Analysis (Low, Medium, High)	Low—Long-term benefits of the project are difficult to quantify in the short term.
Cost Analysis (Low, Medium, High)	-
Actual Completion Date	-

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	Install a new municipal well will provide water in case the Northwest Suburban Municipal Joint Action Water Agency or the DuPage Water Commission no longer have the ability to provide water
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
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

6.3 Action S2.19

Mitigation Action	Construct a safe 5/5 project to address flooding issues and rehabilitate storm sewers near Braintree and Weathersfield
Year Initiated	2021
Applicable Jurisdiction	Village of Schaumburg
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.
Potential Funding Source	Grants
Estimated Cost	-
Benefits (loss avoided)	Flooding issues
Projected Completion Date	-
Priority and Level of Importance (Low, Medium, High)	High 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)	Medium—The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
Actual Completion Date	-

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	-
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
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

6.4 Action S2.20

Mitigation Action	Replace/purchase Generator for multiple village locations including police, public works, fire departments, senior services and update or install generator connections to the buildings
Year Initiated	2021
Applicable Jurisdiction	Village of Schaumburg
Lead Agency/Organization	Public Works
Supporting Agencies/Organizations	-
Applicable Goal	<ul style="list-style-type: none"> Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events.
Potential Funding Source	Grant Funding
Estimated Cost	-
Benefits (loss avoided)	Reduce loss of power to critical infrastructure and Public Safety buildings
Projected Completion Date	-
Priority and Level of Importance (Low, Medium, High)	Medium Priority
Benefit Analysis (Low, Medium, High)	Low—Long-term benefits of the project are difficult to quantify in the short term.
Cost Analysis (Low, Medium, High)	Medium—The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
Actual Completion Date	-

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	Many of the current generators for Village owned buildings are outdated and in need of replacement. There are also many buildings that would benefit from a generator being installed including but not limited to the Senior Center Barn, Turret house, Trickster Gallery. Generator Connections to the buildings would give access in emergency incidents.
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
2022		
2023		

Mitigated Hazards

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
X	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
	Hazardous Materials Incident

6.5 Action S2.21

Mitigation Action	Water Station Electrical Improvements- Pump and Motor Replacement
Year Initiated	2021
Applicable Jurisdiction	Village of Schaumburg
Lead Agency/Organization	Water Division- PW
Supporting Agencies/Organizations	-
Applicable Goal	<ul style="list-style-type: none"> Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events.
Potential Funding Source	Grants
Estimated Cost	-
Benefits (loss avoided)	Loss of water to the community
Projected Completion Date	-
Priority and Level of Importance (Low, Medium, High)	High Priority
Benefit Analysis (Low, Medium, High)	Low—Long-term benefits of the project are difficult to quantify in the short term.
Cost Analysis (Low, Medium, High)	Medium—The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
Actual Completion Date	-

Recommended Mitigation Action/Implementation Plan and Project Description

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

Year	Status	Comments
2019		
2020		
2021	New	
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

6.6 Action S2.22

Mitigation Action	Real Time Information Center Expansion
Year Initiated	2021
Applicable Jurisdiction	Village of Schaumburg
Lead Agency/Organization	Police Department
Supporting Agencies/Organizations	Emergency Management
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. • Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events.
Potential Funding Source	Grants
Estimated Cost	-
Benefits (loss avoided)	Updated real time information status during emergency incidents
Projected Completion Date	-
Priority and Level of Importance (Low, Medium, High)	Medium Priority
Benefit Analysis (Low, Medium, High)	Low—Long-term benefits of the project are difficult to quantify in the short term.
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	-

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	The Real time information system is limited in its capacity to provide cameras and real time feedback of fire, police, and PW vehicles. There is currently no RTIC within the EOC which limits its usefulness in an emergency. We would like to add in additional cameras and install an RTIC workstation within the EOC for real time processing.
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
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

6.7 Action S2.23

Mitigation Action	Replace outdated computers, network system components, communications and all electronic systems within the EOC and remodel the EOC for more functionality
Year Initiated	2021
Applicable Jurisdiction	Village of Schaumburg
Lead Agency/Organization	Emergency Management
Supporting Agencies/Organizations	-
Applicable Goal	<ul style="list-style-type: none"> Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events.
Potential Funding Source	Grants
Estimated Cost	-
Benefits (loss avoided)	Avoid obstacles with outdated technology during emergency incidents being managed by the EOC
Projected Completion Date	-
Priority and Level of Importance (Low, Medium, High)	Medium Priority
Benefit Analysis (Low, Medium, High)	Low—Long-term benefits of the project are difficult to quantify in the short term.
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	-

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	The EOC has outdated technology for all computer systems and networking systems. The EOC could use an update in all technology systems and remodeling to fit operational needs and functionality better during emergency incidents.
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
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

6.8 Action S2.24

Mitigation Action	Plan and build an alternative escape route at the barn that is ADA accessible
Year Initiated	2021
Applicable Jurisdiction	Village of Schaumburg
Lead Agency/Organization	Fire Department
Supporting Agencies/Organizations	Nursing and Senior Services
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.
Potential Funding Source	Grants
Estimated Cost	-
Benefits (loss avoided)	Loss of life due to fire hazard
Projected Completion Date	-
Priority and Level of Importance (Low, Medium, High)	High Priority
Benefit Analysis (Low, Medium, High)	High—Project will provide an immediate reduction of risk exposure for life and property.
Cost Analysis (Low, Medium, High)	Medium—The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
Actual Completion Date	-

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	The Senior Barn is an outdated building that only has a single entrance point that has ramp access for evacuation. Should that entrance be blocked by fire or inaccessible, there are no alternative escape routes for those with disabilities or mobility issues. The back entrance would benefit from a deck with ramp access for evacuation.
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
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

6.9 Action S2.25

Mitigation Action	Safe room installation or modification
Year Initiated	2021
Applicable Jurisdiction	Village of Schaumburg
Lead Agency/Organization	Fire Department
Supporting Agencies/Organizations	Nursing and Senior Services
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.
Potential Funding Source	-
Estimated Cost	-
Benefits (loss avoided)	Loss of life during severe weather
Projected Completion Date	-
Priority and Level of Importance (Low, Medium, High)	High Priority
Benefit Analysis (Low, Medium, High)	-
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	-

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	The Senior Barn is an old structure without a stable interior room for people to shelter in place during a severe weather event. The barn could use a modification to include an interior safe room that could be used as a shelter during severe weather events.
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
2022		
2023		

Mitigated Hazards

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

6.10 Action S2.26

Mitigation Action	Public Safety Building Garage Drain Modifications and Flooring Replacement
Year Initiated	2021
Applicable Jurisdiction	Village of Schaumburg
Lead Agency/Organization	Public Works
Supporting Agencies/Organizations	Police Department
Applicable Goal	<ul style="list-style-type: none"> Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events.
Potential Funding Source	-
Estimated Cost	-
Benefits (loss avoided)	Flooding Water damage
Projected Completion Date	-
Priority and Level of Importance (Low, Medium, High)	-
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)	Medium—The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
Actual Completion Date	-

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	Project includes modifications to the existing drainage system to alleviate water infiltration into garage, which has been an ongoing issue during heavy rain events. In some cases, this has caused the underground garage to be unusable by police staff during large storm events. Concrete floor needs to be replaced and finishing with proper high traffic coating
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
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