

## CITY OF WARRENVILLE

# MEMORANDUM

TO: Mayor, City Council, and City Administrator White  
FROM: Senior Civil Engineer Hocking *KH*  
SUBJECT: DUPAGE COUNTY NATURAL HAZARD MITIGATION PLAN  
ADOPTION  
DATE: August 7, 2023

The purpose of this memorandum is to i) provide a brief description of the plan history, ii) summarize the plan; and iii) recommend the approval of the adoption of the plan.

### **History**

Resolution R2018-41 adopted the DuPage County Natural Hazards Mitigation Plan (NHMP). The purpose of the plan is to identify activities that can be undertaken by both public and private sectors to reduce safety, health and property issues caused by natural hazards. The plan fulfills the federal mitigation planning requirements for mitigation funding and provides a blueprint for actions to reduce the impacts of natural and man-made hazards. The original plan was developed in 2006 and updated in 2012 and then again in 2018. The plan is required to be updated every 5 years.

### **Summary of 2023 Plan**

A workgroup was formed comprising of varying disciplines (emergency management, municipal engineers, police and fire personnel) from all municipalities in DuPage County. Multiple workgroup meetings were held in which the workgroup assessed potential hazards and ranked the hazards by likelihood of occurrence, frequency, and potential impact or consequence. The highest rankings were floods, severe summer storms, severe winter storms, tornadoes and extreme heat. Goals and strategies were developed based on the criteria above. A public meeting was completed in April 2023 to gather comments from the public. A result of the input is summarized in the plan.

The NHMP has eight chapters. Chapter 1 provides an introduction to the plan, and DuPage County. Chapter 2 defines the planning process and public participation. Chapters 3 provides County and community profiles. Chapter 4 defines the different types of risks to the County. Chapter 5 identifies mitigation measures and projects. Chapters 6 & 7 identifies mitigation goals and the mitigation action plans for each community. Chapter 8 identifies how this plan will be monitored and updated. The plan serves only to recommend mitigation measures and are not required to be implemented. The City will update the County on an annual basis regarding these mitigation goals and plans.

**Goal 1:** Prioritize the health and safety of DuPage County residents from the impacts of natural hazards.

**Goal 2:** Protect critical infrastructure and community lifelines within DuPage County by identifying and reducing vulnerabilities to the impacts of natural hazards.

**Goal 3:** Strengthen relationships between the public sector, private sector entities, leaders from underserved communities, and residents to enhance community resilience through a whole-community approach, with specific emphasis on achieving equitable outcomes for all communities, including underserved communities and socially vulnerable populations.

**Goal 4:** Increase the preparedness and awareness of natural hazards among DuPage County residents through targeted and coordinated outreach campaigns.

**Goal 5:** Promote better coordination between public service sectors and encourage multi-jurisdictional participation in sustainable and cost-effective mitigation projects.

**Goal 6:** Safeguard historic and cultural aspects of DuPage County from the effects of natural hazards.

**Goal 7:** Encourage systematic updates and adoptions of regulations to ensure new developments address changing environmental concerns and natural resource protection.

**Goal 8:** Protect properties and structures within DuPage County from the impacts of natural hazards through the implementation of flood control projects, green infrastructure, mitigation activities, and advanced warning systems.

The plan is too large to include as an attachment but has been uploaded to the City's Emergency Management Agency's website under the Emergency Preparedness webpage: <https://www.warrenville.il.us/407/Emergency-Preparedness> A paper copy has also been provided in the Alderman's office.

**Staff Recommendation**

***Staff recommends City Council approve the adoption of the DuPage County Natural Hazard Mitigation Plan and appoint the Senior Civil Engineer as the City's representative on the Workgroup.***

**RESOLUTION NO. 2023-\_\_**

**A RESOLUTION ADOPTING THE 2023 DUPAGE COUNTY  
MULTI-JURISDICTIONAL NATURAL HAZARD MITIGATION PLAN**

WHEREAS, the City is subject to natural hazards, such as flooding, local drainage and sewer backup, tornadoes, earthquakes, winter storms, thunderstorms, drought and extreme heat, and illness and disease; and

WHEREAS, natural hazards can damage property, close businesses, disrupt traffic, threaten lives, and present public health and safety hazards; and

WHEREAS, the 2023 DuPage County Multi-Jurisdictional Natural Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in City from the impacts of future hazards and disasters; and

WHEREAS, on August 20, 2023, the City Council adopted Resolution 2018-41, which adopted the DuPage County Multi-Jurisdictional Natural Hazard Mitigation Plan ("Plan") developed by the DuPage County Natural Hazard Mitigation Workgroup ("Workgroup"); and

WHEREAS, the Workgroup has prepared a 2023 DuPage County Multi-Jurisdictional Natural Hazard Mitigation Plan ("2023 Plan"); and

WHEREAS, the City has participated in the development and update of the 2023 Plan; and

WHEREAS, the 2023 Plan has been presented for review by residents, federal, state and regional agencies; and

WHEREAS, the City is committed to hazard mitigation and achieving the goals outlined in the 2023 Plan;

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF WARRENVILLE, DUPAGE COUNTY, ILLINOIS, AS FOLLOWS:

**SECTION 1: Recitals.** The recitals listed above are incorporated in this Resolution as if fully set forth in this Resolution.

**SECTION 2: Adoption of 2023 Plan.** The 2023 DuPage County Multi-Jurisdictional Natural Hazard Mitigation Plan is hereby approved and adopted as an official plan of the City.

**SECTION 3: Appointment of Workgroup Representative.** Kristine Hocking, Senior Civil Engineer is hereby appointed as the City representative on the DuPage County Multi-Jurisdictional Natural Hazard Mitigation Workgroup. The offices charged with implementation of action items in the 2023 DuPage County Multi-Jurisdictional Natural Hazard Mitigation Plan shall keep the representative advised of their progress and recommendations.

**SECTION 4: Effective Date.** This Resolution shall be in full force and effect following its passage and approval in the manner provided by law.

PASSED THIS \_\_\_\_ day of \_\_\_\_\_, 2023.

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED THIS \_\_\_\_ day of \_\_\_\_\_, 2023.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK