



**AGENDA ITEM # 13D**

**AGENDA ITEM EXECUTIVE SUMMARY**

**Village Board Meeting**

**April 26, 2021**

**Item Title: FEMA DuPage County Flood Insurance Rate Map Updates**

**Staff Contact: Karen R. Young, P.E. - Director of Public Works**

**VILLAGE BOARD ACTION**

**Direction authorizing the Public Works Director to work with DuPage County and other appropriate agencies to review and submit the proposed reduction in flood plain limits within Roselle for potential Flood Insurance Rate Map (FIRM) changes.**

**Executive Summary:**

The Village and DuPage County have continued to work together to evaluate National Flood Insurance Rate Maps (FIRM) that were adopted in 2019 to identify potential reductions in the flood plain limits based on additional modeling and historic flooding information. The information below provides a summary of the approvals from 2019, updates regarding the collaborative efforts between DuPage County and Roselle, and recommended next steps. Staff is looking for direction from the Village Board to move forward with the next steps in the review and approval process, specifically for the Public Works Director to work with DuPage County and other appropriate agencies to review the proposed reduction in flood plain limits within Roselle for potential Flood Insurance Rate Map changes.

**2019 FEMA Flood Insurance Rate Map Adoption**

At the July 8, 2019 Village Board meeting, the Flood Insurance Rate Maps (FIRM), Flood Insurance Study (FIS) published by Federal Emergency Management Agency (FEMA), and DuPage County Stormwater Management General Conditions were adopted with an effective date of August 1, 2019.

The mapping revisions were the outcome of the ongoing effort by DuPage County to update the flood plain maps countywide. At the time of the adoption, Village staff was actively working with DuPage County Stormwater to explore available options to potentially reduce the floodplain limits within the Village for the benefit of the property owners. Due to the requirement by FEMA, the Village was required to adopt the maps at that time for property owners in Roselle to be able to continue to participate in the National Flood Insurance Program (NFIP). This program is administered by the Federal Government and makes flood insurance available to businesses and residents. For

structures located in the floodplain, an insurance policy from the NFIP is mandatory to obtain a mortgage.

The Cook County portions of the community continue to be regulated to the August 19, 2008 FIRM and FIS for Cook County.

### **Flood Plain Modeling and Mapping Updates**

Since the adoption of the maps in 2019, Village staff and DuPage County staff have been working closely together to evaluate opportunities for reduced flood plain limits throughout the Village to better reflect historic flooding information. As a result of this collaboration, DuPage County was able to complete additional modeling, with the results showing a reduction of the flood plain limits in several locations in the Village. This flood plain limit reduction is anticipated to remove over approximately 40% of building structures from the flood plain which were previously included in the maps that were adopted in 2019. This is an estimate, and the exact limit of the flood plain reduction will be reviewed and approved by FEMA as noted below. At this time, DuPage County has requested that the proposed mapping changes not be released until they go through the appropriate review and approval process with FEMA. Based on the information provided, Village staff is in agreement with the proposed mapping revisions, which reflect the flood plain limits being calibrated to the historic flooding events throughout the Village.

### **Next Steps**

DuPage County is looking for the Village concur with moving forward with the next steps in the process review and approval process. Below is high-level overview of the next steps in the process and anticipated timing.

- **DuPage County**  
Once the Village approves moving forward with the proposed changes, DuPage County will work to apply the results and changes in Roselle to the downstream models in Bloomingdale and Itasca to determine potential impacts and will update various reports and maps. DuPage County has indicated that this step will take them a minimum of 3 months to complete and ultimately the timeline will be dependent on their resources and schedules.
- **Illinois Department of Natural Resources Office of Water Resources**  
DuPage County will submit the updated information to the Illinois Department of Natural Resources Office of Water Resources (IDNR-OWR) for review and approval. The exact timeline for review and approval is unknown, but likely lengthy as they only have one person who reviews this information for the entire State of Illinois. Timeline for review and approval is estimated at 6 months.
- **Illinois State Water Survey**  
Once approval is received from IDNR-OWR, additional forms will be completed and submitted to the Illinois State Water Survey (ISWS) for review on behalf of FEMA. Timeline for review and approval is estimated at 15-18 months.

### **Implications:**

**Is this item budgeted?** No. There are no direct Village costs associated with the map revision and update.

**Any other implications to be considered?** None.

**Attachments:** None.