

CRS 510

Community Development Department

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Annual Evaluation Report for  
County-Wide All Natural Hazards Mitigation Plan  
October 1, 2015 through September 30, 2016  
For Village of Gurnee, Illinois

Prepared By: Village of Gurnee, Community Development Department, Engineering Division

## **Introduction and Revisions**

The Annual Evaluation Report assesses the implementation of goals described in the current County-Wide All Natural Hazard Mitigation Plan for Lake County, Illinois, dated June 2012 and adopted by the Village of Gurnee on July 2, 2012 as Resolution 2012-10.

## **Goal Assessment**

Community specific actions are presented in Section 6.2 of the Plan and annual reports are prepared by each participating community to address implementation of the Plan. Actions specific to the Village of Gurnee focus on overbank flooding events from the Des Plaines River which are the most common natural hazard experienced in the community. The Village of Gurnee implemented specific action items for this report period as follows:

### 6.2.1 Plan Adoption

The Village of Gurnee had previously adopted the June 2012 Plan on July 2, 2012.

### 6.2.3 Improve Natural Hazards Public Information Efforts

The Village of Gurnee continues to develop a robust and proactive public information program. Our systems are designed to sync with larger national preparedness campaigns to encourage public awareness as well as be able to provide real-time updates through a variety of independent mediums during an actual event. In total, the Village has regular access to over 15,000+ households and the potential for immediate contact with roughly 12,000 individual phone numbers.

The Village continued its efforts to expand integrated campaign planning this year to coincide with relevant Police, Fire and Public Works events or trainings. This approach calls for emphasis on the delivery method, audience and messaging of communications in order to maximize effectiveness and has proven to be useful. In particular, the Village has emphasized synced campaigns working alongside FEMA and NWS awareness efforts and has driven extensive traffic through this approach.

### 6.2.4 SMC Flood Mitigation Projects

The 2013 HMGP grant application to purchase two structures on Kilbourne Road was completed this year with demolition of the structures. Restoration of the lots as grassy open space is pending

The 2016 FMA and PDM grant programs are underway and the Village has partnered with the County to submit seven applications. Results of the application process are typically released in October.

### 6.2.7 Improve Emergency Response and Develop Assessment Teams

After the April 2013 flood event, the Village utilized communications dispatchers via telephone to contact all affected properties and assess the extent of the damages that occurred. This method of assessing damage due to the flood was not as successful as initially hoped, and the Village obtained little usable information. In the future, the Village will utilize site inspection teams for post disaster assessments.

### 6.2.8 Incorporate ANHMP into Other County and Municipal Plans

The Village of Gurnee has incorporated several aspects of stormwater management in the capital improvement plan. FY17 included funding for floodplain structure buyouts and drainage system improvements. The Village of Gurnee is committed to minimizing the impact that flooding has on this community and using the resources it has available to achieve this goal.

### 6.2.9 Property Protection Projects

The Village of Gurnee has taken the position that removal of structures from the floodplain is the best property protection measure available for structures impacted by riverine flooding from the Des Plaines River and its tributaries. As indicated in 6.2.4, several structure acquisitions are underway.

#### 6.2.11 Review of Critical Facilities

Department Heads and Staff have completed annual reviews of emergency operations plans for each Village facility. Training sessions including fire drills have been conducted. Safe rooms, evacuation routes and outdoor meeting locations have been designated and discussed as part of the training with current and new employees. For visitors, evacuation maps are posted and have been updated if necessary. The Village reverse 911 system, radio, cell phones are utilized to advise Village employees in the field of exposure to an impending hazardous event.

#### 6.2.12 Seek Mitigation Grant Funding for Additional Mitigation Planning and Cost Beneficial Projects

The Village of Gurnee continues to work with LCSMC to apply for mitigation funding for properties in the Des Plaines River SFHA. Seven properties were submitted for consideration of FMA and PDM grants this summer.

#### 6.2.13 Continued Implementation of the Watershed Development Ordinance and NFIP Requirements

The Village of Gurnee adopted the revised Watershed Development Ordinance effective October 13, 2015. The new ordinance has minor changes to regulatory language and represents a complete reformatting of the document to improve ease of use.

#### 6.2.14 Improve Capacity of Drainage Systems

The Village of Gurnee completed drainage projects on Calvin Court, Fuller Road, Grand Avenue, and Grove Avenue. Project plans are currently being developed for Blackstone Avenue and Adele Drive.

#### 6.2.15 Implement Maintenance Programs for Drainage Systems, Including Streambank Stabilization Efforts

The Village of Gurnee performed heavy brush clearing on Fuller Road, First Street, Swanson Trigg trail, Grand Avenue, O'Plaine Park detention basin, Gurnee Industrial Park detention basin, Keith and Northwestern detention basin, McClure Avenue, and Bittersweet irrigation basin. Regular maintenance will be performed in the future to be more proactive in these regions.

#### 6.2.16 Response and Recovery

The Village is dedicated to ensuring the most efficient response and recovery efforts possible in the event of a natural disaster. The Fire Department continues to play an active role in these efforts by participating in monthly meetings of the Lake County Fire Departments and in local emergency management committees, which provide opportunities to develop information sharing systems in advance of an event. Further, the Department continues to hold semi-annual reviews of the local park and school districts' emergency operations plans.

As in prior years, the Village's Fire, Police and Public Works Departments continue to maintain mutual aid agreements with other neighboring jurisdictions.

GFD continues to participate in monthly meetings of the Lake and McHenry County Fire Departments. This includes our local and county emergency management coordinators and committees. The GFD continues to participate in semi-annual meetings with Warren High School District 121, Woodland School District 50, Gurnee School District 56 and the Gurnee Park District to review their individual emergency operation plans.

The GFD participates in monthly MABAS (Mutual Aid Box Alarm System) Division 4 (Lake County) meetings. The Department reviews all automatic aid and mutual aid agreements annually.

#### 6.2.17 Continue Work for NIMS Compliance

Out of our current employees:

- 155 employees have completed and are certified IS-100: Introduction to the Incident Command System
- 102 employees have completed and are certified IS-200: ICS for Single Resources and Initial Action Incidents
- 19 employees have completed and are certified IS-300: Intermediate ICS for Expanding Incidents
- 19 employees have completed and are certified IS-400: Advanced ICS
- 158 employees have completed and are certified IS-700: National Incident Management System, An Introduction
- 33 employees have completed and are certified IS-701: NIMS Multi agency Coordination System (MACS)
- 33 employees have completed and are certified IS-702: NIMS Publication Information Systems;
- 33 employees have completed and are certified IS-703: NIMS Resource Management;
- 35 employees have completed and are certified IS-704: NIMS Communication and Information Management
- 38 employees have completed and are certified IS-800: National Response Framework, An Introduction.

The GFD Training Officer has been working with all Village Departments to meet the NIMS training requirements. Entry level employees must complete IS-700 and ICS 100. First-line / Field Supervisors must complete IS-700, ICS-100 and ICS-200. Middle Management must complete IS-700, IS-800, ICS-100, ICS-200 and ICS-300. Command and General Staff must complete IS-700, IS-800, ICS-100, ICS-200, ICS-300 and ICS-400.

#### 6.2.18 Alternate Power Sources for Critical Facilities and Shelters

The Village of Gurnee maintains backup energy sources at critical facilities, and no further improvements are anticipated at this time.

#### 6.2.19 Improve Building Codes and Building Code Enforcement

There have been no changes since the 2013 report. Building codes were updated to the 2012 ICC codes in the spring of 2012, with the effective date of July 1, 2012. In February 2013, the Village implemented a new GIS based permitting system which allows for better documentation and recording of building permit and code enforcement activity.

#### 6.2.20 Community Rating System Participation

The Village of Gurnee continues to participate in the CRS to obtain flood insurance premium discounts for property owners in the community.

#### 6.2.21 Reduce Inflow and Infiltration to Protect Against Sewer Backups

The Village of Gurnee is in the third year of a multi-year jetting and televising program of the sanitary sewer system to verify the integrity of the system and identify problems proactively. The focus this year was a \$110,000 sliplining project to restore structural integrity of piping that had been identified during the previous years' inspections. In addition to this effort the local natural gas supplier continued televising sewers looking for crossbores and staff was provided with copies of those videos as well.

#### 6.2.22 Urban Forestry – Participation in Tree City USA

The Village of Gurnee continues to participate in the Tree City USA program and the 2016 application is being processed.

#### 6.2.23 Participation in StormReady

The Village continues to be certified as a StormReady Community this year.