

2014 Glenview Multi-Hazard Mitigation Plan Progress Report

September 24, 2014

Introduction

The *Multi-Hazard Mitigation Plan (MHMP)*, approved in 2010, outlines risks to life and property and strategies designed to reduce these risks going forward. The potential risks from natural phenomena identified for Glenview include floods, sewer backups, tornadoes, severe storms, winter storms, extreme heat, drought, and earthquakes.

Through participation in the Community Rating System program, the Village is required to prepare an annual progress report which addresses the specific action items listed in the *MHMP*. This report has been prepared to comply with the requirements for receiving credit for CRS Activity 510.

Hazard-Mitigation Progress Update

The Village's Stormwater Master Plan, the *Flood Risk Reduction Program (FRRP)*, provides specific recommendations to address the general strategies to reduce risks from sewer backups and flooding outlined in the *MHMP*. The *MHMP* grouped Village-wide flooding issues into four tiers. A progress update will be presented to the Village Board of Trustees at its regular meeting on Tuesday, October 7, 2014.

Beyond specific strategies to reduce risks from flooding and sewer backups, the *MHMP* also provides strategies geared toward reduction of all identified risks. These actions and an update for each are provided below:

- **Provide website links to hazard information and hazard mitigation information**

The Village website continues to be a primary resource for residents and business owners to find resources regarding potential hazards and mitigation. Information about risks associated with flooding and other hazards can be found on the Village's website. This year, the Village participated in the Water Solutions Project with the adjacent communities of Winnetka and Niles. This project, funded by a planning grant administered by the Illinois Department of Commerce and Economic Opportunity, developed individual- and neighborhood-scale stormwater mitigation strategies for private property owners to undertake. Open Houses, online and mailed surveys, and a public website were all used to gather input from owners and tenants in four separate areas as pilot studies. Solutions were developed and presented at a second series of Open Houses, from which the preferred solutions were selected. Final documentation of this work was approved by all three Villages' governing bodies as amendments to their individual stormwater master plans. In Glenview, the Village Board approved this amendment to its Flood Risk Reduction Program on September 16, 2014. The Water Solutions Project website (<http://watersolutionsproject.org/>) was linked to the Village's website through its Flood Awareness Page (<http://glenview.il.us/Pages/FloodAwareness.aspx>).

- **Develop public outreach program to inform and instruct residents about potential hazards**

A public outreach program has been developed and implemented to advise residents and business owners about potential hazards and what they can do to minimize risks and property damage. Examples of how the program has been administered to date include completion of the CRS-required annual outreach project and presentations about potential hazards given by Fire Department staff to groups such as the Chamber of Commerce, Glenview schools, the American Legion, Senior Citizen groups, and the Glenview Park District. This program will continue going forward and will be modified as new information becomes available.

The Water Solutions Project described above is a more recent initiative which provided public outreach to a specific area in the Village with a history of flooding. As adopted in the Flood Risk Reduction Program, this work provides a template which can be used for similar efforts throughout the Village.

- **Amend zoning ordinances to improve floodplain regulations and preserve natural areas**

Various areas of the Village have been previously designated as Environmentally Significant Areas (ESA). The ESA is an overlay district designed to maintain existing natural features such as forests, wetlands, lakes, prairies, and other native areas. No new areas have been given the ESA designation within the last year.

The Village's Zoning Ordinance currently includes provisions designed to provide and protect open space as part of new development. The Metropolitan Water Reclamation District of Greater Chicago's (MWRDGC's) county-wide Watershed Management Ordinance became effective on May 1. The Village is required to follow this Ordinance, which regulates development within isolated wetlands, riparian areas, and floodplains. Buffers are required from all development activities to these "flood protection areas," enhancing the preservation of open space, particularly open space which currently provides flooding protection.

- **Conduct earthquake drills and training**

Fire Department staff participated in earthquake-related training during the past year. Drills geared toward responding to disasters such as earthquakes and tornadoes were performed. Specific training that occurred included *Hazardous Materials – Containing Spills* in October 2013, *Technical Rescue Awareness* in November 2013, *Ice Rescues, Forcible Entry* in February 2014, *RIT/Saving Our Own* in March 2014, *Hazard Materials – Emergency Response Guidelines, Vehicle Extrication* in April 2014, *Confined Space Rescue* in May 2014, *Water & Boat Operations, Target Hazard Review* in June 2014, *Incident Command* in July 2014, *Ladder Rescues, Self-Rescue* in August 2014, and *Hazardous Materials Decontamination* in September 2014.

- **Provide information on floodplain, flood insurance, etc.**

The Village employs Certified Floodplain Managers and Professional Engineers that are available to meet with current or potential residents and business owners to provide guidance regarding floodplain and flood insurance. Property owners and other interested parties can request site-specific floodplain

information by completing a form at Village Hall. This service is free to property owners; the Village charges \$35 to others. Information about these topics is also available on the Village's website.

- **Ensure that new construction meets IBC Codes**

The Village employs trained staff to review the plans and inspect the construction for new development projects to ensure conformance with IBC Codes, which have been adopted by the Village.

- **Adopt the latest international series of codes (IBC Codes)**

The State of Illinois is expected to adopt the 2012 Life Safety Code in the future. The Village intends to adopt the 2012 IBC Codes by the end of 2014.

- **Establish tree trimming program**

A tree trimming program to reduce the likelihood of significant dangers and damages due to severe weather events has been established by the Village and is ongoing. Coordination with the local utility companies with overhead facilities within the Village occurs on a frequent basis.

- **Harden existing shelters**

Shelters dedicated for housing residents displaced by disasters have been defined. These include the Community Center at the Glen and the Staybridge Suites on Lehigh Avenue. No funds have been secured to upgrade any existing structures for use as shelters. Funding opportunities will continue to be monitored.

- **Purchase weather radios for schools and critical facilities**

To date, funding has not been appropriated for the purchase of weather radios. This will continue to be examined going forward.

- **Implement stream maintenance to improve floodplain management**

Village staff coordinates with the MWRD through its stream maintenance program to ensure that any blockages within the Village's channels are quickly removed to preserve channel capacity.

The project to stabilize the banks of a portion of the West Fork of the North Branch of the Chicago River, known as Reach 1, was completed in 2012. Work to stabilize the banks of the West Fork from Glenview Road to 500 feet north is underway as of this report.

- **Apply for BCEGS rating**

The Village currently participates in the BCEGS rating program, and will be adopting the 2012 IBC Code by the end of 2014.

- **Join in the Community Rating System**

The Village of Glenview entered CRS on October 1, 2011.

Recommendations

The Village will continue to evaluate the recommendations of the *MHMP* on an ongoing basis. Methods for funding the recommendations of the *MHMP* and the *FRRP* will remain a priority.