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CRS Activity 510 **Progress Report on Implementation of Credited Plan**

Date this Report was Prepared: January 29, 2021

Name of Community: Incorporated Village of Island Park, New York
NFIP Community Rating Number CID 360471

Name of Plan: Incorporated Village of Island Park (NFIP #360471)
Repetitive Loss Area Analysis Report (May 1, 2020)

Date of Adoption of Plan: May 21, 2020 (Village Board Resolution 05212020-08,
CRS Repetitive Loss Area Analysis Report)

5 Year CRS Expiration Date: *October 1, 2025 (Village was accepted into the CRS
Program as a Class 8 community with an effective date
of October 1, 2020)*

1. How can a copy of the original plan or area analysis report be obtained?

The Village completed the Repetitive Loss Area Analysis (RLAA) Report (by Walden Environmental Engineering, PLLC, dated May 1, 2020) as part of its 2020 application to the CRS Program. A copy of the RLAA Report has been posted on the Village's dedicated Flood Readiness page on the Village website (<https://villageofislandpark.com/flood-readiness/>). Residents and other interested parties can also obtain a copy of the RLAA Report by contacting Village Hall at 516-431-0600.

2. Describe how this evaluation report was prepared and how it was submitted to the governing body, released to the media, and made available to the public.

The RLAA Report was prepared in April 2020 and submitted on May 1, 2020 as part of the Village's application to the CRS program. Given the Village's acceptance into the CRS Program as of October 1, 2020, annual RLAA evaluation reports will be submitted as part of the annual CRS recertification process. The Village has prepared this annual RLAA progress report in coordination with Walden Environmental Engineering, the Village's flood management consultant. The annual review has considered flooding and building conditions in the Village, as well as progress made in implementing flood mitigation activities.

A copy of this annual RLAA Report evaluation report has been posted on the Village's website Flood Readiness page (<https://villageofislandpark.com/flood-readiness/>). The RLAA progress report will also be discussed at the February 2021 Village Board meeting. The Village is committed to continuing its efforts to inform the public and solicit input from the community related to flood impacts and mitigation. It will continue to share information and host meetings as a forum for open discussions with the community.

Because this is the Village's first annual RLAA progress report, an overview of the RLAA and how it was prepared is presented below.

The purpose of the RLAA is to generate mitigation solutions for individual buildings or areas. The RLAA Report was prepared in accordance with the guidelines presented in the *National Flood Insurance Program Community Rating System Coordinator's Manual* (FEMA, FIA-15, 2017) and *Developing a Repetitive Loss Area Analysis for Credit Under Activity 510 (Floodplain Management Planning) of the Community Rating System* (NFIP/CRS, 2017).

A Repetitive Loss (RL) property is defined as "A property for which two or more National Flood Insurance Program losses of at least \$1,000 each have been paid within any 10-year rolling period since 1978." Analysis of Repetitive Loss Properties indicate areas that are representative of a community's repeated flooding problems. FEMA reported that 341 properties throughout the Village were considered repetitive loss properties as of March 31, 2017. The RL properties were mapped, which indicated that repetitive losses are not limited to distinct areas of the Village. Because the entire Village is subject to the same low-lying conditions and recurrent flood impacts, a single Repetitive Loss Area was delineated covering the entire limits of the Incorporated Village of Island Park.

The RLAA Report documents and presents the Village's implementation of the RLAA five-step planning process as outlined below:

- a. Contact property owners** – After determining that the RLAA encompassed the entire Village limits, the Village mailed a notice to all property owners announcing the development of the RLAA and a solicitation for input from the community. The Village prepared an outreach letter to advise all property owners that the RLAA would be conducted. In the same mailing, a questionnaire survey was included requesting the property owners' input on the flooding issues experienced at their property and suggestions on how to mitigate the flooding problems. The notice and questionnaire were mailed to all property owners on April 1-2, 2020.

- b. Contact other agencies** – In late March – early April 2020, the Village sent coordination letters to a variety of agencies that may have conducted flood studies, drainage studies, watershed master plans, or any drainage improvement projects part of a capital improvement plan. The letter also requested the agency provide any available information related to causes of flooding, such as projects implemented or planned to mitigate flood hazards, drainage improvements, dredging, coastal storms, or sea level rise.
 - Nassau County Department of Public Works (NCDPW)
 - National Oceanic and Atmospheric Administration (NOAA)
 - New York State Department of Environmental Conservation (NYSDEC)
 - New York State Department of State (NYSDOS)
 - U.S. Army Corps of Engineers

No responses have been received to date from the above agencies regarding ongoing projects or efforts that may supplement the Village's RLAA.

- c. Collect data** - Because the entire Village was defined as a single Repetitive Loss Area, all properties in the Village were visually inspected for this RLAA. The Village of Island Park Building Department and Code Enforcement staff completed the physical/visual inspections for the RLAA between April 15 and April 27, 2020. The data collected included foundation type (basement, crawlspace, or slab on grade), condition (new, good, fair, poor), and foundation material (CMU, poured concrete, brick, piles). In addition, the building conditions were rated as new, good, fair or poor based on field observations.

- d. **Consider mitigation alternatives** - Based on the field inventory data collected, the Village reviewed alternative approaches to evaluate property protection measures and drainage improvements to determine the most feasible options for flood mitigation. These various property protection measures were compared and considered as options to reduce flooding in the Village.
- e. **Document the findings** - The findings of the RLAA covering the entire Village are presented in the RLAA Report dated May 1, 2020.

3. Provide a description of the implementation of each recommendation or action item in the action plan or area analysis report, including a statement on how the project was implemented or not implemented during the previous year.

Property Protection Measures to Reduce Flooding as Identified in May 1, 2020 RLAA Report	Status
Gain acceptance into the National Flood Insurance Program (NFIP) Community Rating System (CRS) Program	Completed. Village approved as Class 8 CRS Community. Effective Date October 1, 2020
Complete Repetitive Loss Area Analysis	Completed. RLAA completed April 2020 and RLAA Report submitted May 1, 2020
Elevation of residential structures	In Progress. Individual property owners continue to apply for building permits to elevate homes. Based on the RLAA field inventory and a review of Village Certificates of Occupancy files, 253 structures (approximately 20% of structures in the Village) have been elevated to date.
HMGP Flood Protection	In Progress. The Village's Phase II FEMA Hazard Mitigation Grant Program (HMGP) drainage improvements project is progressing, with the remedial design at 90% completion. The Village expects to issue RFPs for contractor bids in the second quarter of 2021. Construction of the Village-wide drainage improvements is targeted to begin in the third quarter of 2021. The work will include tide valve replacement. Installation of new catch basins and drainage piping will increase the system capacity and reduce recurrent nuisance flooding. In addition, select Village bulkheads will be replaced and raised to reduce the volume of storm surge water that can overtop the bulkheads and flood the streets.

<p>Elevate Utilities</p>	<p>On-going. Property owners are moving vital building components above the base flood elevation to limit damage. Utility elevations are often completed in step with substantial improvement projects. Electrical systems, equipment and components, HVAC and plumbing appliances, plumbing fixtures, duct systems, and other service equipment are being raised above the design flood elevation, plus freeboard as specified in section R323.1.3.3 of the Residential Code of New York State.</p>
<p>Dry Floodproofing</p>	<p>On-going. Dry floodproofing involves sealing a building to prevent floodwaters from entering. This includes waterproof coatings or covers to prevent floodwater from passing through the walls, installing waterproof and installing devices that prevent sewer and drain backup. Property owners have incorporated some dry floodproofing measures in residential home improvements; however, dry floodproofing is not widely employed as a flood protection measure in the Village.</p>
<p>Natural Resource Protection: Beach Way Shoreline Stabilization</p>	<p>Completed. The Village completed the Beach Way shoreline stabilization project in the Fall of 2019. The area that was reconstructed/stabilized was within the Limit of Moderate Wave Action. The project included soil replanting native grass replanting, and the installation of a gabion wall.</p>
<p>Public Information: Flood Insurance Promotion</p>	<p>On-going. The Village developed and implemented additional public outreach projects as part of its commitment to the CRS, targeting the entire community and offering assistance to under-insured or un-insured residents. The Village’s outreach efforts continue to make information available to property owners, potential property owners, and visitors about flood hazards and ways to protect themselves and their property.</p> <p><u>Outreach Activities</u></p> <p>April 1-2, 2020: Outreach letter, RLAA Notice and Questionnaire mailed to all Village property owners.</p> <p>January 2020 and January 25, 2021: Letter Alerting Local Banks, Realtors and Insurance Agents that FIRM flood map and insurance information can be obtained by contacting the Village.</p> <p>The Village maintains copies of informational brochures and handouts related to flooding available at all times in the lobby of Island Park Village Hall as a take-away resource for any interested parties.</p>

	<p>Brochures and notification mailers have been distributed to local real estate brokers with information targeted towards potential buyers considering ownership of property in the Village. The brochures and handouts contain information on the availability of flood insurance, provide flood prevention and safety tips, and direct the recipient to additional resources to determine the flood hazard FIRM classification of their property.</p> <p>Flood related information is also posted on the Village's website and the electronic message board outside Village Hall at the gateway to the community.</p>
<p>Drainage System Maintenance</p>	<p>On-going. The Village continues to implement its drainage system maintenance and inspection program to ensure the system remains in good condition and performs effectively. Storm sewer backup is the second most frequent cause of flooding issues in the Village. Continued maintenance helps mitigate rainfall related issues.</p>
<p>Emergency Services</p>	<p>In Progress. The Village Firehouse Expansion and Dry Floodproofing Projects will allow for greater operational capability to address immediate issues during a flood. The Village completed design and contractor bidding of the GOSR-funded firehouse expansion project in 2020; construction is targeted to begin in the first half of 2021. The dry floodproofing project design was completed in 2020 and bidding/construction is expected to be completed in 2021.</p>

4. Discuss why any objectives were not reached or why implementation is behind schedule.

The Village is steadily moving forward and making progress with the flood mitigation and public outreach projects described in the table above.

5. What are the recommendations for new projects or revised recommendations?

The following flood mitigation projects measures are planned for 2021.

- **Little Beach Shoreline Stabilization**

The Village-owned “Little Beach” property located west of Masone Beach, between Suffolk Road and Washington Place has experienced significant erosion due to storms of increasing frequency and intensity. The Village is evaluating funding sources in order to move ahead with a shoreline stabilization project to support the Village’s commitment to provide erosion protection, reduce land depletion, and protect the Little Beach property and neighboring private properties.

- **Transit-Oriented Development Project**

The Village expects the Island Park Downtown Revitalization & Transit-Oriented Development Project, to be completed by Nassau County using Community Development Block Grant – Disaster Recovery funds, to move forward in 2021. This project includes infrastructure improvements to increase storm resiliency and promote transit and economic growth. These improvements will be constructed along a section of Long Beach Road, including new drainage piping, catch basins, and street tree plantings to improve drainage and reduce flooding.