**FACT SHEET**

**CAZENOVIA CREEK, ICE CONTROL STRUCTURE (ICS) - WEST SENECA, NY**

Small Flood Control Projects
Section 205 of the Flood Control Act of 1948, as amended
Construction General (Continuing Authorities Program)

**Location**
- Located on Cazenovia Creek in the Town of West Seneca, Erie County, New York

**Project Description**
- The Ice Control Structure (ICS) is comprised of steel-jacketed concrete piers anchored into bedrock across Cazenovia Creek to act as an ice retention barrier to reduce downstream flooding
- Federal funds used to complete the ICS project was $3,744K
- Volume of log and debris jams and the speed at which it amasses was unanticipated; creating conditions of turbulent overflows that scour and erodes right bank riprap revetment, the access road, and the maintenance area. Severe damages occurred in December 2007 and March 2008
- Design deficiency was evaluated resulting in recommendation to extend existing berm further upstream of the ICS to control overflows and repair the riprap revetment, access road and maintenance area

**Importance**
- NYSDEC requested USACE to investigate the ICS operation. USACE concluded that repairs are needed to the ICS area and that design improvements are equally necessary to mitigate future damages

**Consequences**
- If repairs and design improvements are not implemented in a timely manner, the erosion and degradation of the area will continue to worsen and will increasingly encumber the municipality’s already compromised ability to maintain the ICS
- If left unaddressed, ice flows will circumvent the ICS and severe downstream flooding will again take place

**Project Phase**

<table>
<thead>
<tr>
<th>Project Phase</th>
<th>Est. Fed. Cost of Phase</th>
<th>Federal Funding through FY14</th>
<th>FY15 Requirement</th>
<th>FY15 Budget</th>
<th>FY16 Requirement</th>
<th>FY16 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated total Federal cost to repair and improve the ICS.</td>
<td>$500K</td>
<td>$500K</td>
<td>$0K</td>
<td>$0K</td>
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<td>$0</td>
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**Project Sponsor/Customer**
- New York State Department of Environmental Conservation (NYSDEC)

**Congressional Interests**
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Current Status**
- The Project Cooperation Agreement (PCA) Amendment between USACE and project sponsor was signed November 17, 2014
- The signed PCA Amendment was returned to the NYS DEC for processing to the NYS Comptroller’s office so that the non-Federal funds could be issued for the project

**Issues**
- Awaiting receipt of the non-Federal funds
Cazenovia Creek Ice Control System (ICS)

Excessive Debris Build-up

Eroded Revetment Downstream of ICS
Maintenance Road Compromised by Erosion

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