



# FACT SHEET

February 2015

## 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 scours 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	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Estimated total Federal cost to repair and improve the ICS.	\$500K	\$500K	\$0K	\$0K	\$0	\$0

### 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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