



Project:	CSO 075 Regulator Manhole Reconfiguration
Project Owner:	City of Syracuse
Project Location:	Intersection of Solar St and Hiawatha Blvd
Sewershed:	Hiawatha
CSO:	075
Technology:	Sewer Hydraulic Improvement
CSO Reduction:	1,800,000 gallons
Year Contracted:	2021
Construction Cost:	\$358,000
Prime Contractor:	DE Tarolli

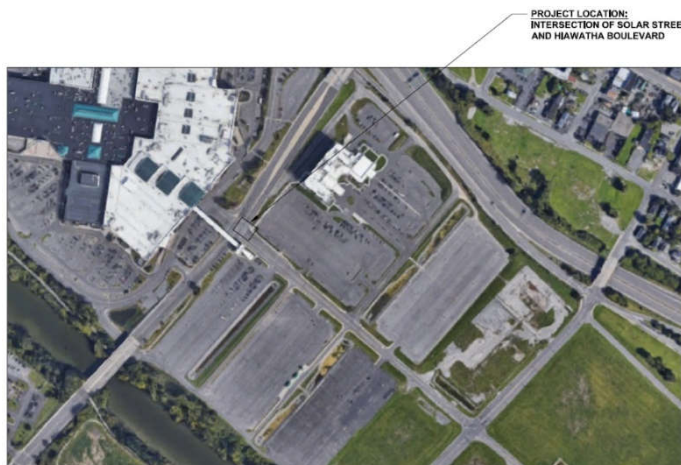
FACT SHEET

CSO 075 Regulator Manhole Reconfiguration

Project Description: The CSO 075 Regulator Manhole Reconfiguration will make modifications to the regulator manhole in the Hiawatha Blvd. and Solar St. intersection. Currently, backwater flow from the Inner Harbor is entering the overflow line and flowing back over the CSO overflow weir during storm events, which causes flow monitoring issues and results in the conveyance and treatment of non-sewage water.

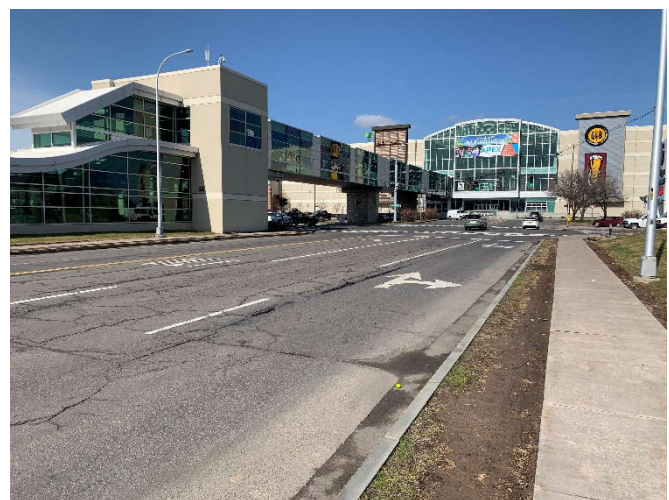
This project will modify the existing trunk sewer by installing two new manholes, which will improve the hydraulics of the sewer. An adjustable height weir will also be installed in the new regulator manhole. Furthermore, an in-line backflow preventer will be placed in the new overflow as a part of the project. These modifications will reduce CSO volume, improve the issues with backwater flow, and allow for accurate metering of CSO overflow.

Post-construction of the project, SWMM modeling indicates that CSO 075 will no longer discharge during the typical year, resulting in an annual reduction of 1.8 million gallons of CSO discharge into the Inner Harbor and Onondaga Lake.



LOCATION MAP
NOT TO SCALE

Project location for regulator manhole modifications for CSO 075



Pre-construction photo showing the intersection of Solar St and Hiawatha Blvd