



Project:	CSO 052 Regulator Modification
Project Owner:	Onondaga County
Project Location:	Intersection of Hunt Avenue and Elmhurst Avenue near Onondaga Creek
Sewershed:	Onondaga Creek
CSO:	052
Technology:	Outfall Reconfiguration
Year Contracted:	2022 (construction spring 2023)
Construction Cost:	\$431,572.48
Prime Contractor:	Joseph J. Lane Construction Inc.

FACT SHEET

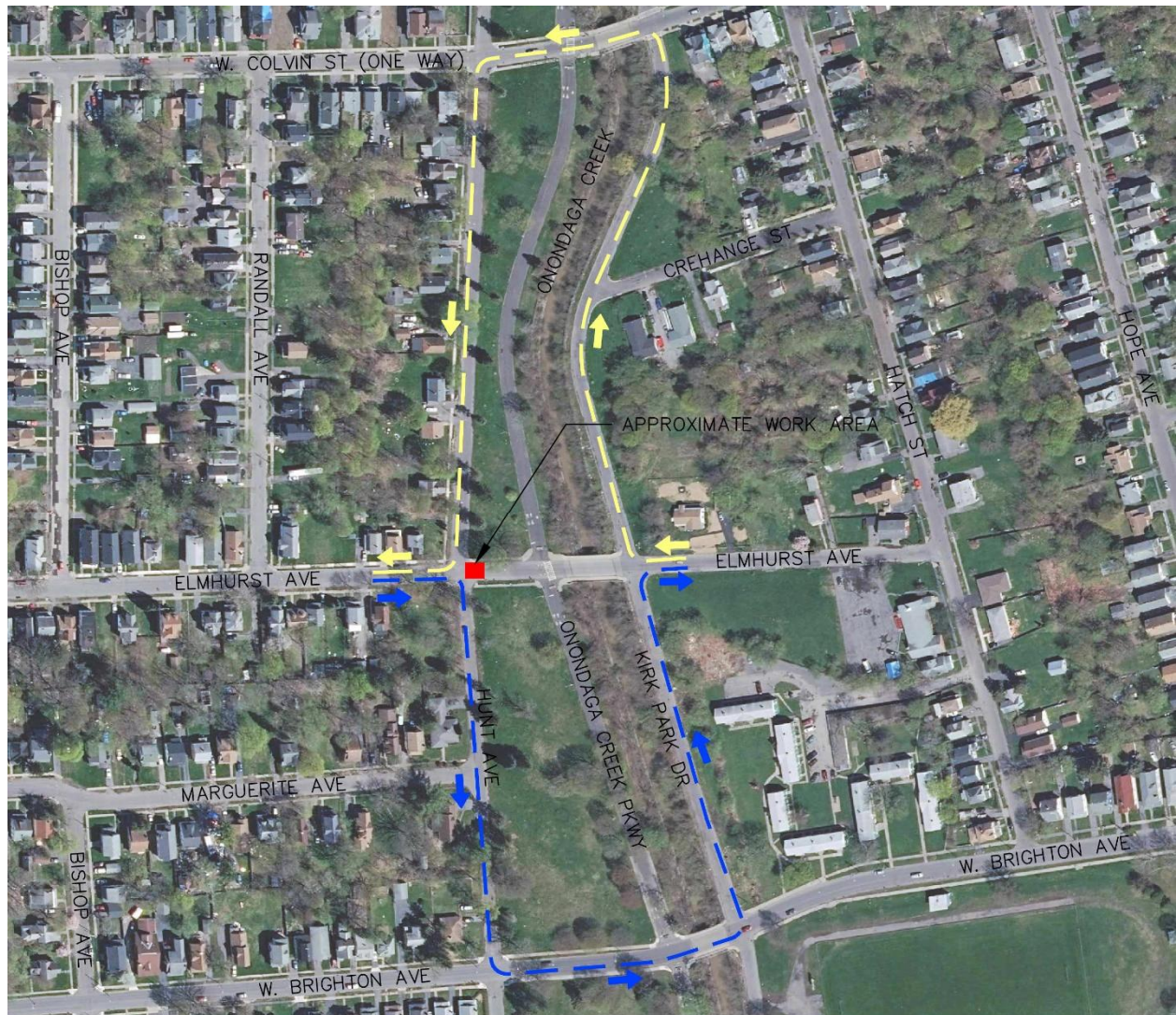
CSO 052 Regulator Modification

Project Description: The CSO 052 Regulator Modification project demonstrates the County's proactive approach for Combined Sewer Overflow (CSO) reduction and maintenance improvements. The existing configuration of the CSO 052 regulator structure and regulator pipe connection to the County's main interceptor sewer is poor hydraulically resulting in undesirable solids settlement creating a frequent maintenance burden for the County. The goals of the CSO 052 Regulator Modification project are to 1) improve flow hydraulics into the main interceptor sewer and ease the maintenance burden by reducing solids from capturing in the regulator structure; and 2) upsize the regulator pipe to the main interceptor sewer to increase conveyance of flows to Metro for treatment. Additional benefits include milling & overlay of the intersection limits and replacement ADA compliant curb ramps and portions of sidewalk.



CSO 052 Connection to the Main Interceptor Sewer with Improved Hydraulics

Temporary traffic impact: Installation of the new regulator structure will require a short-term Elmhurst Avenue Road closure near the intersection of Hunt Avenue, utilizing a short detour route as shown below. Intersection traffic will be controlled via Work Zone Traffic Control devices, signage, and flaggers. The new precast regulator structure was selected for faster installation to reduce the traffic impact duration.



CSO 052 Elmhurst Avenue Temporary Detour