



FACT SHEET Road Reconstruction Wellesley Road

Project:	Wellesley Road, Road Reconstruction
Project Owner:	City of Syracuse
Project Location:	Wellesley Road (Charmouth Dr. to Glenwood Ave.)
Sewershed:	Midland
CSO:	052
GI Technology:	Underground Infiltration Trench
Capture Area:	25,263 sq. ft.
Runoff Reduction:	447,000 gal/yr
Year Contracted:	2017
Construction Cost:	TBD
Prime Contractor:	Ballard Construction

Project Description: The Wellesley Road, Road Reconstruction project exemplifies the continued partnership between Onondaga County Save the Rain and the City of Syracuse Department of Public Works for the inclusion of green infrastructure in road reconstruction work. This is the tenth such partnership project to date.

The project included two underground infiltration trenches on Wellesley Road between Charmouth Drive and Glenwood Avenue. The underground infiltration trenches are designed to capture runoff from the street via existing and new catch basins and allow the water to infiltrate into the stone storage and the ground. High flows from large rain storms (above one inch over two hours) flow back into the existing combined sewer system for safety. The infiltration trench system provides a very high capture volume without requiring an obtrusive footprint at the surface. The streetscape does not look different from before this construction as the trenches are completely underground with no visible features at the surface.

In total, this project manages runoff from 25,263 square feet of impervious drainage area, equating to approximately 447,000 gallons of stormwater runoff annually, in high priority CSO 052.



Construction of an Infiltration Trench on Wellesley Road (August 2017)



Boundaries of Wellesley Road, Road Reconstruction Project are outlined in red on the map to the left.