



VALLEY DRIVE AREA SEWER IMPROVEMENTS – PHASE I

Project Description: The purpose of this project was to separate the sanitary and storm sewers in the Valley Drive area of the City of Syracuse. This area has small diameter (8 to 10 inch) sanitary sewers, but does not have storm sewers. Storm water catch basins are currently connected to the sanitary sewers. As a result of these connections, the capacities of the small diameter sanitary sewers were exceeded during heavy wet weather events, resulting in sewer surcharging and localized flooding. The collection of storm water in the sanitary sewer system also contributes to combined sewer overflows (CSOs) into Onondaga Creek, and increases flows (and treatment costs) at the Metropolitan Syracuse Wastewater Treatment Plant.

To eliminate these conditions, the City of Syracuse undertook the Valley Drive Area Sewer Improvements Project. This involved the construction of storm sewers in the project area to convey storm water to Onondaga Creek, as well as the elimination of storm water catch basin connections to the sanitary sewer system.



Manhole and Pipe Installation

Location: The project area is located in the City of Syracuse, and is generally bounded by Barnes Avenue to the West, Onondaga Creek to the East, Atlantic Avenue to the North, and West Seneca Turnpike to the South.

Project Sponsor: The City of Syracuse serves as the non-Federal sponsor of this project, and the U.S. Environmental Protection Agency serves as the Federal sponsor.



Manhole Installation

Current Status: Construction was completed by August 2006, with a final construction cost of \$2,802,187. Notable project achievements are as follows:

- Constructed approximately 7,500 linear feet of new storm sewers (30" – 15" diameter).
- Installed 37 new manholes.
- Installed 44 new catch basins.
- Rehabilitated/lined 2,500 linear feet of existing sanitary sewer lines,
- Repaved Pacific Avenue, Loomis Avenue and Marlette Street.