

Green Innovation Grant Program

Project Title: CSO 060 Green Streets Demonstration Project

Grant Recipient: Buffalo Sewer Authority

Location: City of Buffalo, NY

Green Infrastructure Practice: Permeable Pavement, Bioretention

EFC Grant Amount: \$750,000

Total Project Amount: \$1,567,520

GIGP ROUND **2**



Project Completed 09/2013

Project Description:

GIGP funding supported the installation of a green alternative to a sewer separation project in Buffalo's Bird Avenue sewershed. The project area consists of sites on 16 streets in both commercial and residential neighborhoods, including Buffalo's first porous street on Clarendon in Buffalo's Elmwood Village neighborhood. This installation alone resulted in an approximately 60% reduction in storm flows going into nearby Scajaquada Creek.

In addition to the goal of improved water quality, the project was developed to create a body of data that will allow the Sewer Authority to quantify the long-term benefits of the green infrastructure, as well as to serve as a demonstration for other upstate communities of the effectiveness of these practices in an urban environment.



Clarendon Street in the City of Buffalo was the first of seven planned residential streets to be converted to porous asphalt pavement (left). Bioretention cells in a commercial district (below) were incorporated into existing sidewalks as a demonstration of green infrastructure for the region. Additional plantings and decorative railings were added after the first season to improve functionality and curb appeal.

Images courtesy Buffalo-Niagara Riverkeeper

