

Green Innovation Grant Program

Project Title: Steele Memorial Green Roof

Grant Recipient: Chemung County Library District

Location: Chemung County

Green Infrastructure Practice: Green Roof

EFC Grant Amount: \$747,823

Total Project Amount: \$839,104

GIGP ROUND 1



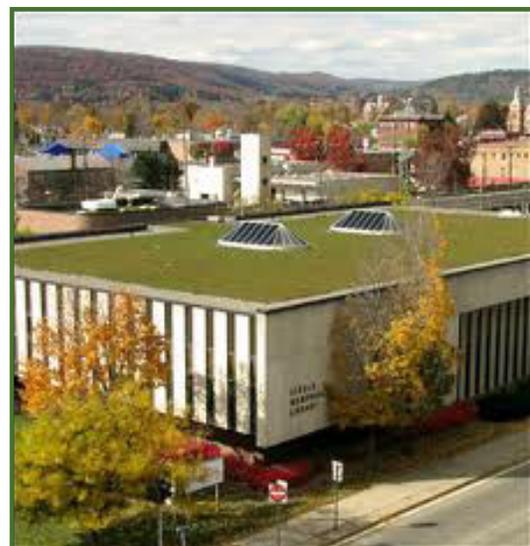
Construction Completed 11/2009

Project Description:

GIGP funded the installation of a vegetated roof system at the Steele Memorial Library in the City of Elmira. Green roofs are designed to mimic natural hydrologic functions and decrease the amount of impervious area and volume of stormwater runoff from individual sites. The planted system absorbs rainwater and helps to

cool the environment, reducing the building's contribution to "heat island effect," or higher temperatures that tend to occur in urban areas.

The annual reduction in run-off resulting from the green roof is estimated to be 264,917 gallons of stormwater.



Views of the vegetated green roof system of the Steele Memorial Library in the City of Elmira, NY.

