

Green Innovation Grant Program

Project Title: Garden of Ideas
Porous Pavement Parking Lot
Grant Recipient: Center for Technology & Innovation, Inc.
Location: Broome County, NY
Green Infrastructure Practice: Permeable Pavement
EFC Grant Amount: \$116,500
Total Project Amount: \$129,445

GIGP ROUND **3**

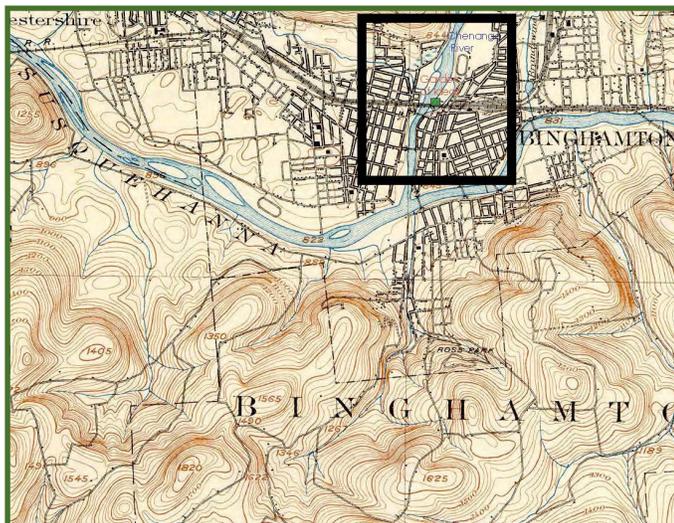


Projected Construction Start 04/2014

Project Description:

The Center for Technology and Innovation in Binghamton will install porous asphalt in a parking lot to be constructed on a 0.22 acre parcel at the new TechWorks! Museum of Invention and Upstate Industry. The site is located in the North Chenango River Corridor, within the Susquehanna River watershed.

Results from infiltration tests and boring samples indicate that the soil in the parking lot is feasible for the installation of porous pavement, which will reduce runoff from rainfall events and help to improve water quality. The project will enable officials, residents, and developers to see first-hand the benefits and costs of replacing traditional asphalt parking lots with pervious pavements.



Topographic map shows project site in relation to the Susquehanna River.



Artist's rendering of design concept showing the south entrance of a new museum in Binghamton which will feature green technologies. GIGP will fund a porous pavement parking area for the museum.

