



Green Innovation Grant Program (GIGP) No. 240
CWSRF Project No. C5-9170-01-70
NYS Office of Parks, Recreation & Historic Preservation
Project Name: Stormwater Improvements @ Columbia and Ferndell Picnic Areas

DEC Region: 5 County: Saratoga

Type of Financing: American Recovery and Reinvestment Act (ARRA) Green Innovation Grant Program

Estimated Total Project Cost: \$618,000.00

Recommended GIGP Award Amount: \$556,200.00

Local Share: \$61,800.00

Other Funding Sources: \$0.00

Project Category: Clean Water SRF. Green Wet Weather Infrastructure.

Project Description:

This project is for conversion of approximately one acre of parking lot area to pervious asphalt and installation of a bioretention / bioinfiltration area to treat runoff from park roads and parking lots.

Project Summary:

This project will involve replacement of the existing impervious parking with a porous pavement and construction of a bioretention / bioinfiltration area to infiltrate and evapotranspire the first 1" of rainfall for all storms in this area (90% of all storms in the area). The project will provide water quality benefits to Geyser Brook, a designated trout stream, by reducing peak flows, reducing sediment load, and reducing streambank erosion.

This project is categorically eligible for GIGP financing per the United States Environmental Protection Agency's (EPA's) "Guidance for Award of Recovery Act Funding to State Revolving Funds" dated March 2, 2009:

1. Green Wet Weather Infrastructure. Categorically eligible projects "manage and treat stormwater and [...] maintain and restore natural hydrology by infiltrating, evapotranspiring, and capturing and using stormwater" and include "the preservation and restoration of natural landscape features, such as forests, floodplains and wetlands, coupled with policies such as infill and redevelopment that reduce overall imperviousness in a watershed. On the local scale green infrastructure consists of site and neighborhood specific practices such as bioretention, trees, green roofs, porous pavements, and cisterns." Examples in the guidance (pp. 44-45) include

V.c. "Implementation of wet weather management systems for parking areas which include: the incremental cost of porous pavement, bioretention, trees, green roofs, and other practices that mimic natural hydrology and reduce effective imperviousness..."

Funding Summary:

The 10% funding match will come from New York State's State Parks Infrastructure Fund (SPIF).

SEQR Findings:

The Corporation has determined that the proposed action will finance a project which constitutes the "...replacement, rehabilitation or reconstruction of a structure or facility in kind..." and the "...maintenance of existing landscaping or natural growth..." which is a "Type II" action under SEQR, pursuant to 6 NYCRR 617.5(c)(2) and 6 NYCRR 617.5(c)(6).

Construction Schedule:

<u>Description</u>	<u>Construction Start</u>	<u>Construction Completion</u>
NYS Office of Parks, Recreation & Historic Preservation Stormwater Improvements @ Columbia and Ferndell Picnic Areas	March 1, 2010	May 14, 2010