



# New York State Environmental Facilities Corporation

*26th Annual Federal Policy Conference - CIFA  
Washington, DC - April 14-15, 2014*

# Green Innovation Grant Program (GIGP)

- Protect and improve water quality
- Spur innovation
- Build green capacity - locally and beyond
- Facilitate the transfer of new technologies and practices to other areas of the State



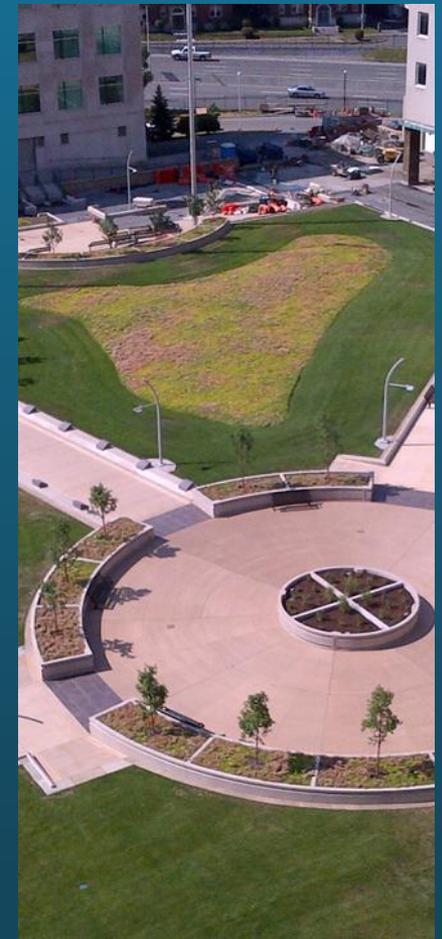


**First Five Rounds of GIGP:  
\$102.7 Million / 138 Awards**



# Green Innovation Grant Program (GIGP)

## Grants for Eight Different Stormwater Practices



NYS Environmental Facilities Corporation

# Regional Economic Development Councils



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# Regional Economic Development Councils

## Application Portal

### NYS Consolidated Funding Application Registration

\* Email Address:

\* Email Address Check:   
Re-enter your email address for a verification check.

\* Organization Name:   
If you do not have a business name yet please enter your D...  
Use only alpha-numeric characters.

\* Project Alias Name:   
This will be the name associated with your project. Use only

\* Please enter the sum of the following two numbers

$4 + 3 =$

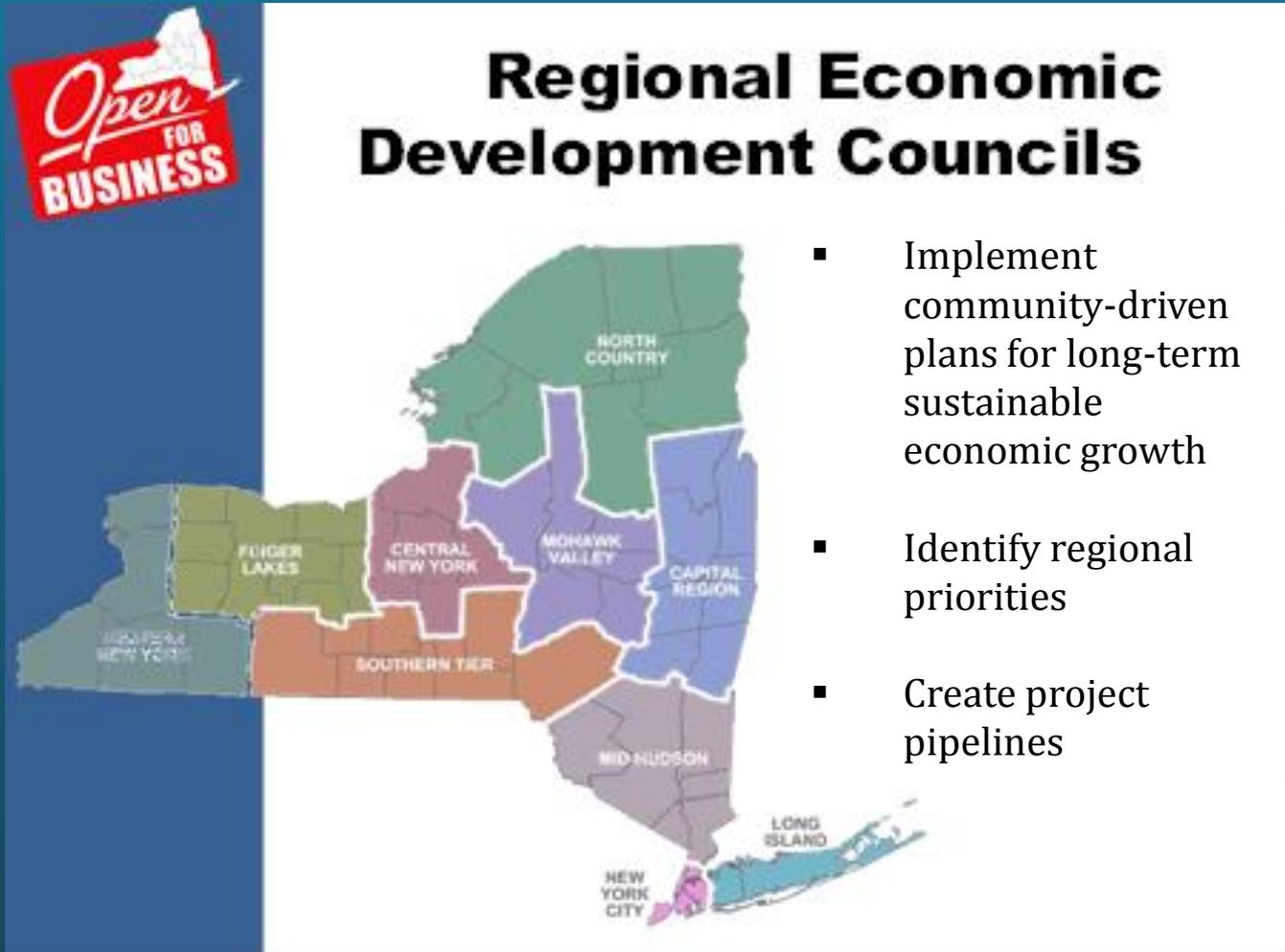
This helps to protect our system from spam.

**REGISTER NOW**

The screenshot shows a web browser window displaying the registration page. At the top, there is a navigation bar with 'Home', 'Help', and 'Print Page' links. A 'Once in BUSINESS' logo is visible on the left. The main heading is 'NYS Consolidated Funding Application Registration'. Below this, there are instructions for registration, including a warning to save information and a list of fields: 'Your organization name is: NYS 008', 'Your project alias name is: CFA Work', and 'Your project token is: bsmr7220wpa'. A red box highlights the token. A warning message states: 'PLEASE DO NOT LOSE THE TOKEN SHOWN ABOVE - YOU WILL NEED IT TO ACCESS YOUR APPLICATION ONCE YOUR ACCOUNT HAS BEEN ACTIVATED'. The bottom of the page has a footer with 'Contact | Disclaimer | Accessibility | Governor's Office'.



# Regional Economic Development Councils



The map shows the following regions:

- NORTH COUNTRY
- FOUNDER LAKES
- CENTRAL NEW YORK
- MOHAWK VALLEY
- CAPITAL REGION
- SOUTHERN TIER
- MID HUDSON
- LONG ISLAND
- NEW YORK CITY

**Open FOR BUSINESS**

## Regional Economic Development Councils

- Implement community-driven plans for long-term sustainable economic growth
- Identify regional priorities
- Create project pipelines



# REDC

REGIONAL ECONOMIC DEVELOPMENT COUNCIL

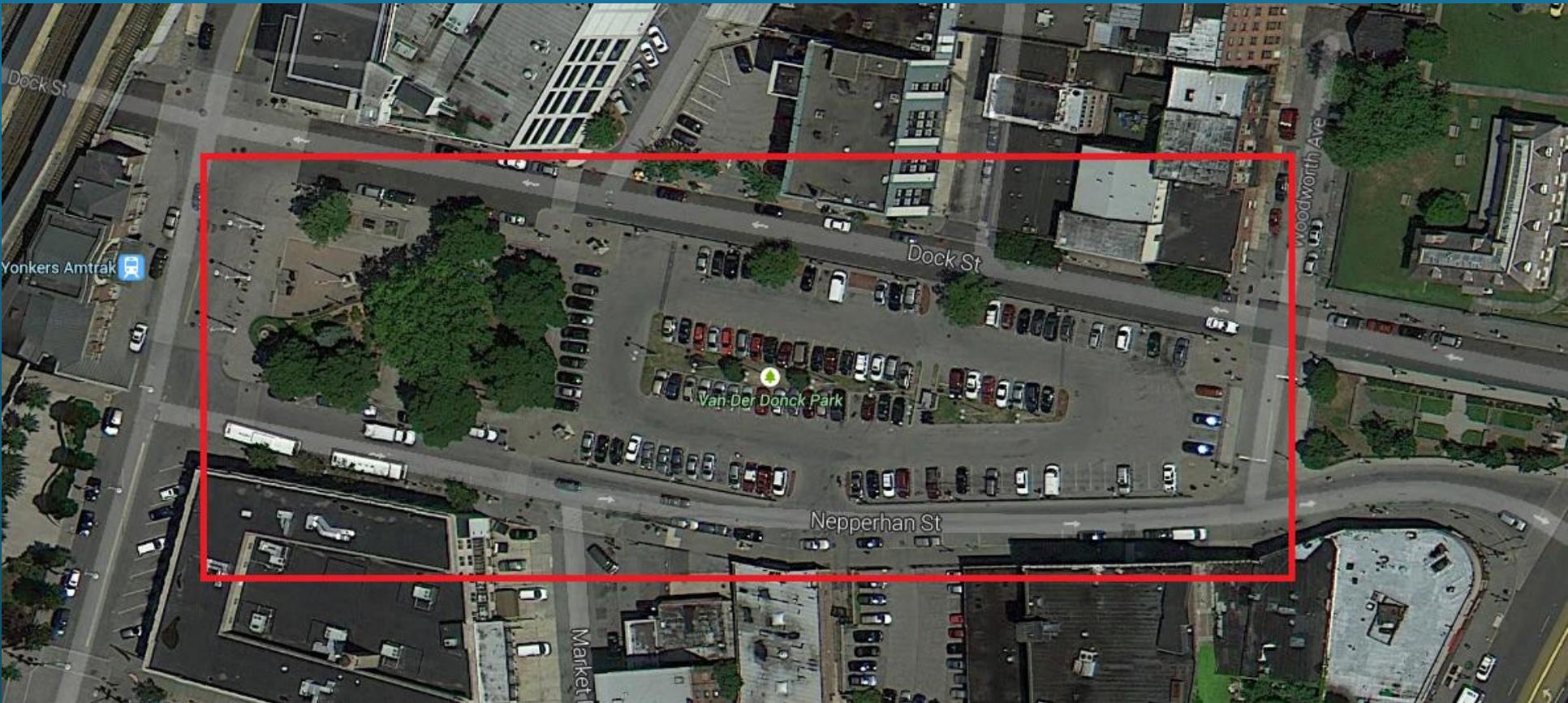
## Awards



# Daylighting of the Saw Mill River Downtown Yonkers, NY



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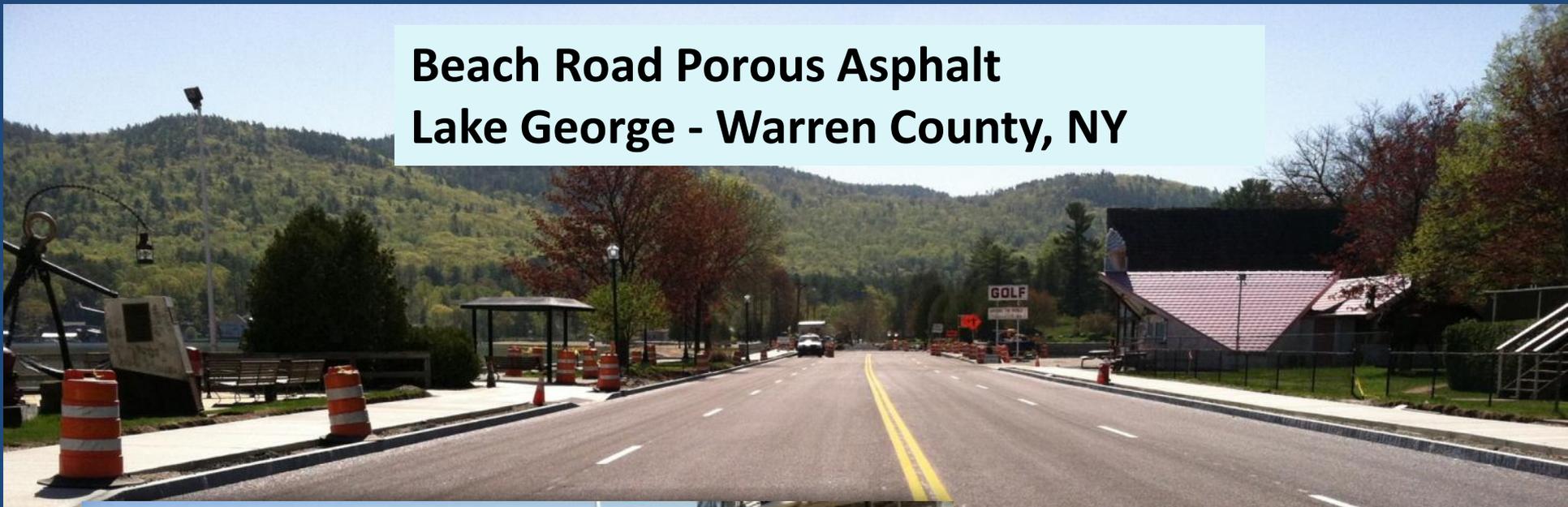


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# Beach Road Porous Asphalt Lake George - Warren County, NY



Eliminates direct  
stormwater  
discharges  
into Lake George  
for storm events  
of 5" or less in a  
24-hr period

WINTER 2013

# Sustainable CONSTRUCTION™



  
Contents

**BEST PRACTICES TO HELP  
CONTRACTORS BUILD MORE SUSTAINABLY**

## **POROUS PAVEMENT FOR POWERFUL STORMWATER MANAGEMENT**

A coastal repaving project in Lake George is the first roadway application of heavy-duty porous asphalt in the state of New York.

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# POROUS PAVEMENT for Powerful Stormwater Management

A coastal repaving project in Lake George is the first roadway application of heavy-duty porous asphalt in the state of New York.

By Tara Ninmann

**W**hen a mile-long stretch of Warren County's Beach Road needed to be reconstructed, it presented the opportunity for the county to implement innovative and protective measures to reduce the impacts of polluted stormwater runoff.

Located along the southern shore of [Lake George](#) — and the popular tourist attraction [Million Dollar Beach](#) — the original roadway design drained directly to the lake, resulting in the deposition of roadway contaminants such as salt, roadway contaminants, litter and sediment directly into the lake.

"This county reconstruction project is ultimately about maintaining this multi-modal corridor, while at the same time helping to protect Lake George," says Tom Baird, P.E., Project Manager and Chief Engineer, on the project for design and engineering firm [Barton & Loguidice](#). "The project began with a plan to repair drainage issues and road conditions on the four-lane road that runs along the beach. The project, headed by Warren County Department of Public Works Superintendent Jeffery E. Tennyson, P.E., evolved over the last five years into an opportunity to improve the quality of the lake water by



CLICK HERE  
to see additional images  
of Beach Road

# New York State Department of Transportation



NYS Environmental Facilities Corporation



## Urban Canopy Project Rome N.Y.

- Spurred adaptive reuse of vacant buildings
- Increased property values
- Reduced pollution
- Sparked reinvestment in Rome's urban core



# Multiple Benefits of Green Infrastructure

- Local Green Jobs
- Air Quality Improvement
- Energy Savings
- Improve Community Aesthetics
- Higher Property Values
- Reducing Urban Heat Island and Heat Stress
- Reduced Carbon Footprint
- Aquatic Ecosystem Improvements
- Wetland Creation and Enhancement
- Water Quality Improvements





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HELP  
US  
HELP  
OTHERS  
PRATTSVILLE SQUAD

# Combined Sewer Overflows and Flood/Storm Damage





## **Berm Removal for Stream and Floodplain Restoration**

Tioga, Schuyler, Cortland, Tompkins,  
and Steuben Counties, NY



## **Berm Removal for Stream and Floodplain Restoration**

Tioga, Schuyler, Cortland, Tompkins, and Steuben Counties, NY



Tioga County SWCD



Geiger Lake, Town of Babylon

**Construction / Restoration of  
Wetlands, or Riparian Buffers**

## The 2014 NYS EFC Green Infrastructure Program Plan

EFC will implement the vision that *Green Infrastructure is the Standard* for all of New York State. EFC will work with communities with combined sewer overflows and state agency partners across the state to make green infrastructure the first approach considered. This document defines the focus areas for EFC's Green Infrastructure Program (GIP), a complement to EFC's Green Innovation grant Program (GIGP). GIP resources and efforts will be guided by this vision and plan for 2014.

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### Objectives

### Measures

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#### Promote green infrastructure as the standard

Use the Green Innovation Grant Program (GIGP) to fund the construction of green infrastructure demonstration projects. *Supporting the construction of highly visible demonstration projects increases the exposure to, and adoption of, green infrastructure.*

Ensure all EFC staff use standard green infrastructure slides and talking points at all EFC promotional presentations. *Providing a consistent message to potential funding applicants increases the quality of applications and increases understanding of green infrastructure.*

Develop case studies of successful GIGP projects. *Case studies communicate important lessons learned to potential implementers of green infrastructure.*

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#### Provide technical assistance to NYS agency partners

Provide technical assistance to NY Rising agency partners to incorporate green infrastructure (including natural systems) in their rebuilding plans. *Increasing the knowledge of other agencies builds the capacity for green infrastructure across the state.*

Build partnerships with state agencies to further the development and adoption of green infrastructure design standards and supporting policies. *Increasing the knowledge of other agencies builds the capacity for green infrastructure and removes barriers to implementing green infrastructure.*

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#### Effect change in communities with combined sewer overflows (CSOs)

Organize and host one or more NYS Green Infrastructure Summit(s). *Through the Summit EFC will facilitate collaboration and technology transfer between NYS communities who have implemented green infrastructure and those who have not. This will increase knowledge and the likelihood of adoption of green infrastructure by new communities.*

- Fund 5 new recipients located in a combined sewer area with projects that include 3 years of post-construction water quality monitoring.
- Develop standard green infrastructure slide sets.
- Provide technical training to EFC Community Assistance Staff on green infrastructure.
- Development of at least two technical and economic case studies for use as outreach and education tools.
- Partner with other EFC divisions and NYS agencies and authorities to ensure that green infrastructure is an integral tool used in NY Rising.
- Identify 5 key projects that would benefit from GI and support these projects through implementation.
- Collaborate with NYS DEC and NYS OPRHP to increase adoption and implementation of green infrastructure.
- Identify and meet with key NYS DOT staff to help remove barriers to implementation of green infrastructure and identify a path for developing green infrastructure design specifications.
- Successfully host a day long roundtable dialogue that includes early adopters and at least 3 NY communities who are not currently using green infrastructure in their CSO program.

# 2014 NYS Green Infrastructure Plan

- Promote Green Infrastructure as the Standard
- Provide Technical Assistance to NYS Agency Partners
- Effect Change in Communities with Combined Sewer Overflows
- NYS EFC Committed to Future Funding



# The New York State Environmental Facilities Corporation



*Financing for a Sustainable Future*

[www.efc.ny.gov](http://www.efc.ny.gov)