

# Green Infrastructure Project Status Report

## Project C-07: OnCenter Municipal Parking Garage

PREPARED FOR: January 2012  
Contractor: Economy Paving

Presented herein for the noted site is a summary of issues/features related to the design and construction of the project, its current status and project metrics.

### Item #1: Stormwater and Site Details and Specifications

**1A. Modular Storage System.** The Contractor proposed a substitution, “StormTech” for the specified modular storage system, “StormTank”. The substitution design for the “StormTech” system was reviewed by the Engineer and found to be acceptable, and substitution paperwork per the Appendix to the General Specifications was completed. The substituted design has been reflected as appropriate in the project as-builts. Installation of this system occurred per the manufacturer’s recommendations in October 2011. This is the first time this type of system has been used in the Onondaga County Green Infrastructure Program.

**Further Action Needed:** Landscaping and garage downspout disconnections/outfalls will be completed in the spring.

**1B. Stormwater Collection Piping and Supports.** During construction, the Contractor requested changing the pipe material to Schedule 40 PVC versus the specified SDR 35, because the pipe color and material were more readily available. This was approved at no additional cost to the County. Due to the fact that the bioretention areas could not be planted in 2011, the Contractor installed the stormwater collection piping without connecting it to the existing collection system.

**Further Action Needed:** In the future when specifying stormwater collection systems utilizing PVC pipe, Schedule 40 or 80 pipe will be specified. Per plumbing code, stormwater piping shall be either white or blue color – for which Schedule 40 or 80 is more readily available. New stormwater piping will be connected to the collection system in spring 2012 once the bioretention areas are completed.

**1C. Air Spading Excavation.** Air spading excavation occurred around the trees in front of the OnCenter Garage on East Adams Street. While effective, more inspection of the Contractor’s means and methods are required where specified in the future, particularly with regard to air compressor pressure and care of exposed roots during construction.

**Further Action Needed:** Allocate more inspection resources as needed where air spading is specified.

### Item #2: Trees and Plantings

**2A. Bioretention Plantings.** Plantings were not installed in 2011 due to the fact that planting of the plugs would have occurred outside of the specified planting window. As a result, only the S3 planting soil layer was installed.

**Further Action Needed:** In Spring 2012, the S1 planting soil layer will be installed above the S3 planting soil layer and the bioretention planting plugs will be installed.

### Item #3: Public Outreach

**3A. Save the Rain Website.** The primary public outreach method for the OnCenter Garage project was the Save the Rain website. The project plans and specifications, and fact sheet were uploaded to the website to inform the public of the project and what was taking place.

**Further Action Needed:** The Save the Rain website will continue to act as the primary public outreach method for all of the Save the Rain green projects. However, targeted outreach will occur in more highly populated areas to inform the public of the project.

### Project Metrics Summary

Bid Price	\$246,985
Change Order Total (as of 12/31/11)	\$0
Total Project Cost (as of 12/31/11)	\$246,985
Total CSO Reduction	907,000 gallons
Cost per CSO Reduction	\$0.27 per gallon