

Green Infrastructure Project Status Report

Project C-48: Erie Canal Museum Green Roof

DATE: January 2012

Contractor: J&B Installations

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 Details and Specifications

- 1A. Growth Medium Thickness.** The green roof growth medium thickness was specified as 2-1/2" thick, versus the typical 3-4 inch thick medium. This was specified to reduce the loading on the building roof, and as a pilot for future green roof projects. Although less than the typical green roof growth media thickness, it is expected that the Erie Canal Museum Green Roof will support its plantings due to the climate and amount of rainfall in the Syracuse area.

Further Action Needed: The Erie Canal Museum Green Roof will be monitored over the coming years to determine its success with the thinner than typical growth medium section.

Item #2: Trees and Plantings

- 2A. Green Roof Sedum.** Due to the work on the 300 block of East Water Street, the contractor was unable to mobilize at the Erie Canal Museum until late in 2011. As a result, only waterproofing of the roof was completed. The installation of the growth medium and sedum did not occur because doing so would be out of specification and thus void any associated warranties.

Further Action Needed: The growth medium and sedum cuttings will be installed in the spring of 2012 during the specified planting period which will complete all work at the Erie Canal Museum.

Item #3: Public Outreach

- 3A. Save the Rain Website.** The primary public outreach method for this 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 and sensitive areas to inform the public of the project.

Project Metrics Summary

Bid Price	\$73,480
Change Order Total (as of 12/31/11)	\$0
Total Project Cost (as of 12/31/11)	\$73,480
Total CSO Reduction	28,000 gallons
Cost per CSO Reduction	\$2.62 per gallon