

Green Infrastructure Project Status Report

Project C-101: Skiddy Park Enhancements

DATE: January 2012

Contractor: ACTS II Construction

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: Trees and Plantings

- 1A. Existing Trees.** The subsurface stormwater infiltration trenches infringed closely upon existing tree roots in the park. Inside the drip line of the trees, the tree roots were protected. During excavation, it was discovered that there were a few major tree roots outside of the drip lines. The contractor was instructed to prevent damage to these tree roots, and did so successfully.

Further Action Needed. For future projects, the location of green infrastructure (GI) will be closely evaluated with respect to proximity of trees. Site reconnaissance of surface features will occur to identify any potential main tree roots outside of the tree drip lines. Manual excavation will be specified in these areas.

- 1B. Planting Progress.** Due to the delays caused by the installation of the park's new playground equipment by the City of Syracuse Parks Department contractor, the Contractor was unable to install plantings by the end of the planting season (November 15th).

Further Action Needed: The Contractor will re-mobilize in spring 2012 to complete the remaining site civil work as well as landscaping and plantings.

- 1C. Planting Soils.** The planting soils originally specified S2 planting soil. However, during construction, it was determined that S3 and S1 planting soils should be used. A clarification was issued to the Contractor regarding the type of planting soils. No planting soils were placed in 2011 due to the lateness of work in the planting season and due to delays associated with the playground equipment installation.

Further Action Needed: The Contractor will install planting soils after remobilizing in spring 2012.

Item #2: Paving Materials

- 2A. Construction Traffic Coordination.** The design for this project included flexible porous pavement walkways. However, only the subsurface materials for the flexible porous pavement were installed in 2011. Flexible porous pavement was not installed due to the delay in the installation of the new playground equipment by the City of Syracuse Parks Dept. Installation of the playground equipment requires trafficking by medium-sized construction equipment over the pavement. It was determined that this could cause significant damage to the pavement surface if the pavement was installed. By the time the playground equipment was installed it was too late to install flexible pavement due to weather conditions.

Further Action Needed: All flexible porous pavements will be installed in spring 2011 after the completion of all other site-related work.

Item #3: Unforeseen Conditions

- 3A. Water Spray Fountain.** While excavating around the existing water spray fountain, a 12” thick circular concrete pad was found under the visible 7” pad. It was believed that this pad served as the spray fountain’s original play area and was subsequently buried. The Contractor was able to remove a section of the pad to provide the proper connections to the new water spray fountain.
- 3B. Catch Basin Condition.** The existing catch basin used for bringing runoff from the street into the GI system on Tully Street was found to be in poor condition during construction. However, the contractor was able to install the specified connections without further damage to the structure.

Further Action Needed: On future green infrastructure projects, existing catch basins will be examined prior to construction, and catch basins needing repair will either be repaired or replaced, depending on their condition. The City will be contacted if a structure is found to be in poor condition. Ideally, the City will have a crew available to repair the structure while construction is taking place.

Item #4: Public Outreach

- 4A. 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.

- 4B. Near Westside Initiative.** Public outreach for this project was also handled by the Near West Side Initiative due to the collaboration of this project with the planned playground equipment upgrades.

Project Metrics Summary

Bid Price	\$244,000
Change Order Total (as of 12/31/11)	\$0
Total Project Cost (as of 12/31/11)	\$244,000
Total CSO Reduction	638,000 gallons
Cost per CSO Reduction	\$0.38 per gallon