

Green Infrastructure Project Completion Report

Project E-10: Concord Place

DATE: January 2012
Contractor: Cornerstone Paving, Inc.

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. Subsurface Infiltration Bed and Catch Basins.** The stormwater capture mechanism for the Concord Place project takes place through City catch basins not containing filter inserts, conveying water into a subsurface stormwater infiltration bed. This design is green infrastructure that is completely underground versus other systems, such as rain gardens, that are above ground. The catch basins in this system will need to be cleaned regularly so that sediment and other materials do not clog the infiltration system.

Further Action Needed: The City DPW will need to continue monitoring and cleaning the catch basins on Concord Place regularly. Performance of the infiltration bed system will be monitored visually via the cleanouts and observation wells that exist in the system for buildup of sediment. In the event that the system is found to be filling with sediment, it will be cleaned so that it operates efficiently in the future.

Item #2: Collaboration with City Street Structures Contract

- 2A. Construction.** The Concord Place project was constructed using the existing City Street Structures Contract. This was done by utilizing a change order to the contract, paid for by the County. This process allowed for a lower construction cost for the project. Furthermore, Concord Place was on the City's Road Reconstruction List, and as a result was reconstructed by the City after the completion of the green project.

Further Action Needed: City DPW has supplied CH2M HILL with the planned road reconstruction list for 2012 and 2013 for further cooperation between the City and the County on green infrastructure projects. As of the date of this report, CH2M HILL is evaluating the list and planning accordingly for future green infrastructure projects.

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 occurring.

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*	\$78,970
Change Order Total	\$0
Total Project Cost	\$78,970
Total CSO Reduction	481,000 gallons
Cost per CSO Reduction	\$0.16 per gallon

*Note: Project was not County Procured. Project completed using City Street Structures Contract.