

FACT SHEET

Green Street: Concord Place

Project Description: Concord Place is the first “green street” project in Syracuse. This project demonstrates a subtle approach to managing stormwater with the installation of infiltration trenches along the street corridor. Stormwater enters the system through the existing storm drain connections in the street. Instead of the collected water flowing to the sewer system, as was previously the case, the water is directed to an underground trench filled with a stone base. As the water enters the trench, it slowly filters through the compacted stone and soil, eventually releasing into the ground water. In addition to the underground infiltration system, Concord Place also received a new mill and pave application to the street surface, which was paid for by the City of Syracuse.

This type of project is unique among green infrastructure projects – although above the surface it appeared to be a traditional street paving process, below the street green infrastructure was installed to more effectively manage stormwater and protect our water resources.

The completion of the renovation of Concord Place is the first of several planned “green street” projects within the “Save the Rain” program.

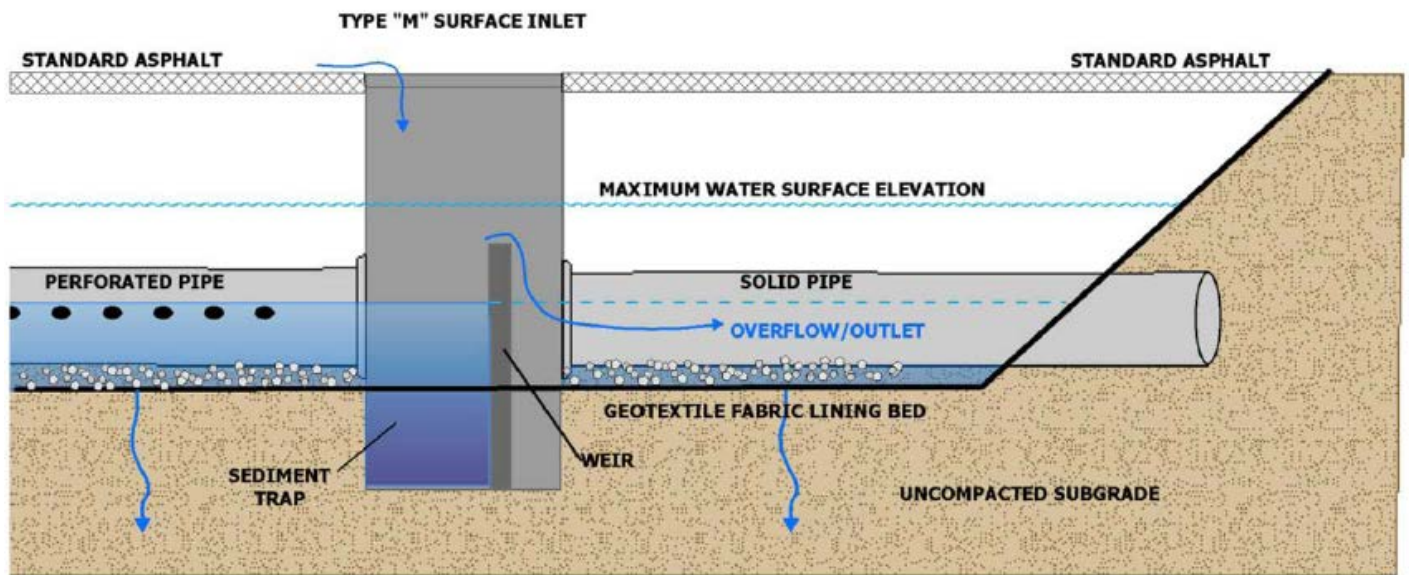
Project:	Concord Place
GI Technology:	Infiltration Bed
Project Location:	Concord Place from Westcott St to Allen St
Project Owner:	City of Syracuse
Sewershed:	Erie
Capture Area:	39,000 square ft
Run-off Reduction:	955,000 gallons/yr
Year Completed:	2011
Construction Cost:	\$78,900
Prime Contractor:	Cornerstone Paving



Concord Place (looking south)



Concord Place (looking at center island)



Conceptual design showing standard asphalt with the subsurface infiltration bed



Construction of the underground infiltration trench at Concord Place