Green Innovation Grant Program

Project Title: Monroe County Civic Center Green Roof

Grant Recipient: Monroe County

Location: City of Rochester

Green Infrastructure Practice: Green Roof

EFC Grant Amount: $4,715,121

Total Project Amount: $7,446,921

GIGP ROUND 1

Project Completed 12/2011

Project Description:

A green roof was constructed on the plaza level of the Monroe County Civic Center to "green up" and reduce the impervious surface area of this large urban plaza while mitigating stormwater impacts. The green roof will help manage and treat stormwater in this urban center by restoring a more natural hydrology which will infiltrate, evapotranspire, capture and reuse rain where it falls. A comprehensive retrofit of a large impervious roof such as this helps to keep stormwater out of the local sewer system using green rather than grey infrastructure technologies.

The Monroe County Civic Center green roof before the green roof was installed (left top), during construction (left bottom) and the completed project (above).

Extensive structural analysis was required to ensure that the existing plaza was structurally sound and that a large-scale green roof installation would be feasible.

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