

Green Infrastructure – Collaboration from Design to post Installation

Presented by Rob Woodman P.E. (ACF Environmental)

ABSTRACT:

"Green Infrastructure" is the current trendy term in the world of site development being tossed around across the country these days. Many large cities and communities are investing huge dollar amounts in the planning, design, construction and maintenance (hopefully) of green infrastructure BMPs throughout busy urban right-of-ways ---- but are we working collaboratively to guide the success of these projects both in the short but also the long term? Are our planners calling on engineers to optimize the selection and location of candidate BMPs? are engineers calling on contractors as they generate designs and correctly specify materials to make sure they are build-able and the fit the budget? do we understand the real cost and effort of maintenance?

Too often these days, the "planning", "engineering", "installation", and "maintenance" are viewed as mutually exclusive tasks with no overlap --- however if we truly want to transform cities, genuinely improve water quality and keep Green Infrastructure as a trendy term rather than one that is frowned upon, COLLABORATION is key.

This presentation will present the challenge of GI process and provide some conceptual framework for working collaboratively from start to finish to keep GI alive well into the future.

The presenter will highlight some grant funded water quality projects, specialty private site development projects and some observations of regional GI efforts including the Philadelphia Green Streets program and an upcoming retrofit of the ASCE HQ in Reston, VA.

THE PRESENTER:

Robert (Rob) Woodman – P.E., C.P.E.S.C

Senior Stormwater Engineer – Green Infrastructure and LID Specialist Group

23 Faith Drive, Gorham ME 04038

(207) 272 4431

rwoodman@acfenv.com

Rob graduated in Civil Engineering from the University of Wollongong, Australia. He spent the first 10 years as design and project engineer for a private engineering consulting firm, gaining experience and expanding his knowledge of the industry on a wide variety of civil and stormwater engineering design projects for private and public sector clients throughout New England. He is a Registered Professional Engineer in Maine and Pennsylvania, a Certified Professional in Erosion and Sedimentation Control, Maine DEP Certified Stormwater Inspector, Master Gardener, and entrepreneur. Rob lives in Gorham, Maine with his wife, Jessi and four children under 10.