



**Alternative Practices for Highway Stormwater Management:  
Design, Construction and Maintenance – Part Two  
December 7, 2006 (1:00 – 2:30 p.m., EST)**

**AGENDA**

<b>Time</b>	<b>Topic</b>	<b>Speaker(s)</b>
1:00	<b>Topic Overview &amp; Introduction of Speakers</b>	Donnie Brew Federal Highway Administration (moderator)
1:05	<b>Compost Amended Vegetated Filter Strips</b>	Mark Maurer, L.A. (Washington State DOT)
1:15	<b>Porous Asphalt Overlay</b>	Michael Barrett, P.E., PhD (University of Texas at Austin)
1:25	<b>Bioswales/Living Ditches</b>	Dwayne Stenlund, CPESC (Minnesota DOT)
1:35	<b>Panel Discussion</b>	Entire Panel, facilitated by moderator
1:50	<b>Break (10 minutes)</b>	Information about upcoming Izaak Walton League programs and services
2:00	<b>Audience Q&amp;A</b> Please call or email questions throughout the program. If you would like your call taken live, please call during this time. 1-888-228-6736 or stormwater_webcast@ncsu.edu)	Panel and audience, facilitated by moderator
2:28	<b>Wrap-Up</b>	Donnie Brew
2:30	<b>Program adjourns</b>	

## **SPEAKER AND MODERATOR BIOS**

### **Moderator**

#### **Donnie Brew**

*Environmental Program Specialist  
Federal Highway Administration*

Donnie Brew is an Environmental Program Specialist with the Federal Highway Administration, North Carolina Division office. He has a Masters degree in Environmental Engineering from the University of Tennessee, Knoxville. Since 2002 he has been the FHWA liaison to the North Carolina Department of Environment and Natural Resources (NCDENR) Ecosystem Enhancement Program (EEP). He assisted in the implementation of the EEP and continues to ensure that policies, processes and procedures align to support the delivery of the program as well as ensuring consistency with federal laws and regulations.

### **Speakers**

#### **Mark Maurer, L.A.**

*Roadside and Site Development Manager  
Washington State Department of Transportation*

Mark Maurer is the Roadside and Site Development Manager at the Washington State Department of Transportation. He has held this position since 1999 and worked for WSDOT since 1990. He works on broad policy issues such as the Highway Runoff Manual and the Standard Specifications, and manages and mentors a staff that includes landscape architects and a horticulturist to support design, construction, and maintenance projects for the department. Mark is a registered Landscape Architect in Washington State and received his Bachelor of Landscape Architecture degree from the University of Arkansas. In his spare time he helps meet the needs, wants and wishes of children and various pets and trains for and participates in triathlons and marathons.

#### **Michael Barrett, P.E., PhD**

*Research Associate Professor  
University of Texas at Austin*

Dr. Barrett is a Research Associate Professor in the Department of Civil, Architectural, and Environmental Engineering at the University of Texas at Austin. Dr. Barrett's research interests are focused on the quality, impacts, and mitigation of urban,

agricultural, and construction site stormwater runoff. He has published extensively in peer reviewed technical journals on the characterization and control of stormwater impacts, winning the 2000 ASCE Arthur M. Wellington Prize for stormwater research. Dr. Barrett is a member of the Hydrology, Hydraulics, and Water Quality Subcommittee of the Transportation Research Board, and the ASCE Urban Water Resources Research Council.

**Dwayne Stenlund, CPESC**

*Office of Environmental Services*

*Minnesota Department of Transportation*

Dwayne Stenlund, a Certified Professional in Erosion & Sediment Control, works for the Minnesota Department of Transportation, specializing in turf and erosion engineering with the Office of Environmental Services. He has a Master of Science degree in Plant Biology from the University of Minnesota, with an emphasis on plant/soil ecology and pathology.