

PRELIMINARY WORKSHOP CONCEPT

(Updated April 17, 2009)

Greening the Region's Roads and Highways to Protect Water Quality

November 5, 2009

8:30 a.m. to 4:00 p.m.

Metropolitan Washington Council of Governments Training Center

Introduction – The proposed Workshop: “**Greening the Region's Roads and Highways to Protect Water Quality**” will explore strategies to manage stormwater from the Washington region's roads and highways to protect water quality.

Date, Time and Location

- Date & Time: November 5, 2009; 8:30 a.m. to 4:00 p.m.
- Location: The Training Center on the 1st Floor at the Metropolitan Washington Council of Governments at 777 North Capitol Street, NE, Washington, DC
- A separate display area will be set up in an adjacent room

Content - The workshop is designed to:

- Describe the impact of stormwater runoff from the region's roads and highways;
- Examine strategies to retrofit local roads with stormwater controls to protect water quality;
- Examine strategies to retrofit arterial roads and highways with stormwater controls to protect water quality;
- Review the region's stormwater permit requirements applicable to state and local road systems;
- Present exemplary green road and highway case studies; and
- Examine funding sources in support of improved stormwater controls.

Agenda

- A preliminary agenda outline appears on the next page.

Who Should Attend –

- Local, state and federal officials with responsibility for designing and managing the region's road systems;
- Local, state and federal officials with responsibility for protecting the region's water quality; and
- Other stakeholders with an interest in the linkage between water quality and stormwater runoff from the region's roads and highways.

Outcomes & Products

- Summaries of case studies
- Copies of presentations
- Strengthened ties between transportation and environmental protection agencies at the local, state and federal levels
- Improved awareness of funding opportunities

WORKSHOP PRELIMINARY AGENDA

- **Registration** (8:30 – 9:30)

MORNING SESSION- 9:30 to 12:30

- **Welcome & Introductions** (5 minutes)
- **Keynote Speaker** (20 minutes)
 - A senior transportation official such as Sec. John Porcari (moving from MDOT to Federal DOT)
 - Someone from academia with a visionary yet practical perspective;
 - An innovative road/highway designer.
- **Presentation: Road and Highway Impacts** (15 minutes)
Background information regarding roads & highways and impacts from stormwater: imperviousness; runoff characteristics; impairments; and photographs of adverse impacts and effective green practices.
- **Retrofitting Highways for Upgraded Stormwater Control** (60 minutes)
Two or three presenters from a transportation agency or a design firm using specific examples. Focus on upgrades to or major expansion of an existing highway.
- **Break** (20 minutes)
- **Retrofitting Local Residential Roadways for Upgraded Stormwater Control** (60 minutes)
Two or three presenters from a transportation agency or a design firm using specific examples. Focus on existing development or major redevelopment.

LUNCHTIME - 12:30 to 1:30

- **Lunch, Displays & Networking** (60 minutes)

AFTERNOON SESSION- 1:30 to 4:00

- **Regulation: TMDLs & MS4s & Trading** (60 minutes)
Bay Program; MD; VA & DC
- **Break** (30 minutes)
- **Source Water Protection and Pollution Prevention** (30 minutes)
- **Funding Opportunities: Focus on the New Highway Bill** (30 minutes)
- **Optional: Displays & Networking** (up to 60 minutes)

DISPLAYS

Food and displays will be set up in Room 4/5 adjacent to the Training Center. These will be open for networking during the registration period, breaks and lunch time.

Invitations to set up displays will be extended to:

- Federal, state and local transportation agencies, such as:
 - FHWA;
 - MD SHA;
 - VDOT; and
 - Local transportation agencies from throughout the COG region.
- Federal, state and local environmental agencies, such as:
 - US EPA;
 - MDE & DNR;
 - VA DEQ & DCR; and
 - Local environmental and permitting agencies from throughout the COG region.
- Land use and comprehensive planning agencies.
- NGOs.