FHWA: Current Trends in Stormwater

Susan C. Jones, PE
FHWA-HQ
Office of Project Development and Environmental Review
Research Funding

Indefinite Delivery Indefinite Quantity, >$400K

- “Determining the Feasibility of Developing a National Performance Measure Targeting Stormwater”
- “Feasibility Study for the Development of a Framework for an Effective Stormwater Quality Credit/Banking/Trading System”

Inter-Intra Agency Agreements, >$500K

- “Training Course for Stochastic Empirical Loading Dilution Model
- (SELDM)”SELDM post-processor
Research Funding

Center for Environmental Excellence, >$250K
- Community of Practice
- SELDM Peer Exchange and Knowledge Transfer
- Stormwater Management Flip Books for Construction and Maintenance Practitioners
- National Stormwater Practitioner’s Meeting, Webinar and Whitepaper

Miscellaneous, >$1.5M over 5 yrs
- IAA EPA, USACE, USCG Liaisons
- International BMP Database
- Watershed Resources Registry
- Liaison to numerous NCHRP projects
EPA/FHWA Green Infrastructure in Transportation Webinars

Innovative Transportation Stormwater Management: Green Infrastructure in Road Projects

Roadway Design & Maintenance of Post-Construction Stormwater Controls
Impacts of transportation facilities that were built prior to current requirements for abatement of stormwater runoff

A. Stand-alone project

B. Conjunction with a project being developed for 4R; 20%

Construction projects extensive enough to:
- require implementation of stormwater BMPs
- meet current NPDES Phase II or other water quality requirements

Fully Eligible for Federal-aid
FHWA Involvement

- Stormwater Model
- Technical Assistance
- Databases
- Guidance
- Recognition Programs
- Liaisons/Partnerships
- Research Contracts
Thank you!

Questions?

Marcel K. Tchaou
Marcel.Tchaou@dot.gov
202.366.4196

Susan C. Jones
Susan.Jones@dot.gov
202.493.2139