Learning Objectives for CEU’s

Allied Professionals Program, CT Department of Transportation, August 7th, 2017

The Context Sensitive Re-Design of the I-84 Viaduct through Hartford, CT
Richard B. Armstrong ConnDOT  David Spillane – Goody Clancy, Boston, MA.

- Participants will learn various public engagement strategies and how comprehensive public engagement can strengthen public understanding and build stakeholder support for even the most complex of projects.
- Participants will learn how addressing urban design challenges as an integral part of an urban highway can result in improved transportation outcomes, significant economic development opportunities, and better integration with the surrounding urban environment.

The Queen of Parkways – Connecticut’s Merritt; Then & Now
Michael Calabrese & Delois Barnes, Highway Design, CT Dept. of Transportation

- Participants will gain a better understanding of the horizontal and vertical design parameters which are incorporated into transportation projects to address traffic safety, as well as considerations to address the concerns of highway maintainers.
- Participants will learn how the State translates the Merritt Parkway Master Plan into planting contracts, including techniques for the re-forestation of disturbed areas and the removal of invasive vegetation.

An Ecological approach to designing coastal infrastructure
Terry Doss – Ecologist, Biohabitats Incorporated

- Participants will learn how Ecologists are collaborating with planners and landscape architects to create successful and resilient planting designs.
- Participants will gain a better understanding of new efforts to protect coastal infrastructure from storms and climate change.

Greening the East Coast from Maine to Florida
William O’Neill

- Participants will learn how States are addressing traffic safety concerns along multi-use trails.
- Participants will gain insights as to how multi-use trails are being used as economic drivers.

Transforming an industrial urban corridor through multi-modal transportation
Maureen Lawrence, ConnDOT & William Richter, Richter & Cegan

- Participants will gain an understanding of how Regional transit planning determines the development of transportation projects, as well as advances in the technology of bus travel.
- Participants will learn how to incorporate ADA requirements into complex and varied transit orientated sites, while maintaining a cohesive design theme across projects.
Bus and Boat Tour, August 8th, 2017

Burnside Avenue
  • Participants will see Connecticut’s first ‘Road Diet’ project and have the opportunity to discuss Lessons learned with the Engineers.
  • Participants will learn how the State is working to coordinate bike lanes and transit stops with pedestrian design along State routes.

Welcome to the Charter Oak Greenway
  • Participants will see how multi-use trail projects are being designed and built across high volume corridors to accommodate all users.
  • Participants will gain a deeper understanding of how bridge and roadway projects are constructed. They will have the opportunity to speak to the Engineer, and see how erosion control measures and re-forestation and other plantings are coordinated.

Salem Roundabout
  • Participants will see how native wetland mitigation and ornamental plants are coordinated with DEEP, local communities and property owners.
  • Participants will learn how the State addresses pedestrian safety concerns at roundabouts.

How to remove a traffic signal from a Highway

William W. Britnell – Principal of Highway Design, ConnDOT

  • Participants will learn how community development and historic preservation are coordinated into operational improvement projects.
  • Participants will learn how the use of light weight fill in bridge design can reduce costs and impacts.