



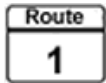
U.S. Department
of Transportation
Federal Highway
Administration



A monthly feature for FHWA employees

APRIL 2010

Upcoming Learning Activities



Corporate Competencies

Individual Development Plan (IDP) Workshop: A Road Map for Your Career

Learn the significance of developing an IDP and how it benefits employees, supervisors, and the Federal Highway Administration (FHWA).

Learn how to develop the IDP content using the Learning Highway and the competency frameworks.

Audience: All employees

When: Thursday, April 22 from 1:30 to 3:30 (Eastern)

Item ID: FHWA-T-421003

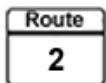
Scheduled Offering: 32809 – Training Coordinators, please **DO NOT** create a new item for this workshop.

Link to join the Web conference: <http://fhwa.na3.acrobat.com/idpworkshop/>

Teleconference number to access audio portion: 866.910.2179

Pass Code: 4309055

Contact: Nicole Hicks, 202.366.1202



Leadership Competencies

Monthly Managers Web Conference

The Monthly Managers Web Conference is part of our ongoing effort to provide FHWA managers, supervisors, and team leaders with learning and development opportunities; however, all employees are welcome to attend. This session will be delivered via web conference. Please register in ELMS under the Scheduled Offering and Item ID listed below.

Target Audience: Senior executives, supervisors, managers, and team leaders

Topic: Giving Positive Feedback After The Interview

When: Wednesday, April 28 from 2:00 to 4:00 (Eastern)

Item ID: FHWA-T-340031

Scheduled Offering: 33264 – Training Coordinators, please **DO NOT** create a new item for this workshop.

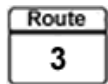
Link to join the Web conference: <http://fhwa.na3.acrobat.com/mgrmonthly/>

Teleconference number to access audio portion: 866.650.7955

Pass Code: 1310179

Type: Web conference

Contact: Nicole Hicks, 202.366.1202



Professional Competencies

National Discipline Learning and Development Seminars

In FY10, the FHWA will host two National Discipline Learning and Development Seminars to support professional development in the core engineering disciplines. Discipline Champions have been working collaboratively to develop multidisciplinary programs that will address the technical learning and development needs identified in recent surveys of Field Engineers working in the Generalist, Construction/Project Management, Design, Pavement/Materials, Structures, Hydraulics, and Geotechnical disciplines. Both seminars will offer participants the opportunity to select from an extensive range of technical training sessions across a variety of engineering subjects. This is also a great opportunity for cross-discipline discussions on core engineering topics and information sharing on emerging issues and best practices.

The FY10 Seminar Schedule includes:

Engineering I

(Generalist, Construction/Project Management, Design, and Pavement/Materials)

April 18 through 23, 2010

Dallas, TX

Engineering II

(Structures, Hydraulics, and Geotechnical)

May 10 through 14, 2010

Memphis, TN

For more information, please contact Zia Burleigh, Discipline Seminar Program Manager, at zia.burleigh@dot.gov or 202.366.1896.

2010 FHWA Bridge Engineering Conference: *Highways for LIFE & Accelerated Bridge Construction in Orlando, Florida*

This conference is an ideal forum for sharing advancements in bridge engineering with DOT bridge engineers. Conference topics include best practices of accelerated bridge construction, safety, quality, high performance for steel, concrete, fiber-reinforced polymer (FRP) composite and timber bridges. It is co-sponsored by 19 State transportation departments.

Audience: 500 to 800 public sector bridge employees, including those from the FHWA, as well as design professionals, fabricators, contractors, academics, and representatives of Federal and local public agencies from the U.S. and foreign countries.

When: Thursday, April 8 and Friday, April 9

Where: Hyatt Regency Grand Cypress in Orlando, FL

Contact: Reggie Holt, FHWA Office of Bridge Technology, 202.366.4596 or Lou Triandafilou, FHWA Resource Center, 410.962.3648 or visit: www.2010bridge.com

Mega Regions and Spatial Analysis part of AASHTO/FHWA Training

The FHWA Resource Center's Planning Technical Service Team will provide training on Mega Regions and Spatial Analysis as part of the 23rd Annual National GeoSpatial Information Systems for Transportation (GIS-T) Symposium from April 11 through 14 in Charleston, WV.

Census 2010 & New Urbanized Boundaries, will be presented on April 11, from 8:00 until Noon, by Ed Christopher, FHWA Resource Center and Michael Ratcliffe, U.S. Census Bureau. It will cover the Census Transportation Planning Products (CTPP) Program.

Developments in Transportation GIS: Will your Next TEA come from a Mega Region? will be the focus of a presentation on April 14 from 8:30 to 10:00 by Ben Williams, FHWA Resource Center.

Topics include:

- What are Mega Regions?
- What boundaries have been defined by research studies?
- How are these structures being proposed to address larger transportation issues such as operations and climate change?
- If the U.S. Congress adopts these with a reauthorization, how might they affect the transportation programs?

If you are interested in attending the symposium, please visit www.gis-t.org. If you are interested in scheduling a similar presentation for your training event, please contact: Ben Williams, at 404.562.3671, ben.williams@dot.gov.

Southwest Geotechnical Engineering Conference

The 35th Southwest Geotechnical Engineering Conference is being jointly sponsored by the FHWA and the Louisiana Department of Transportation and Development. The conference is intended to cover a wide variety of information that should be of great value to more than just the geotechnical engineering community.

Audience: Structural design engineers, hydraulics engineers, and area/district engineers from the FHWA, State transportation departments, and the private sector are encouraged to attend.

When: Monday, April 26 through Thursday, April 29

Where: Crowne Plaza in Baton Rouge, Louisiana

Contact: Daniel Alzamora, FHWA Resource Center, 720.963.3214. To register, please visit: www.ltrc.lsu.edu/swgec/

The preliminary agenda includes sessions on bridge foundations, Mechanically Stabilized Earth (MSE) walls, and geotechnical aspects of pavements. Several case histories will be presented such as: the Preservation of Moonshiner's Run in Kansas; Lightweight fill for construction on I-680/Marina Vista Interchange - Bay Area, CA; State Highway 152 Perpetual Pavement Investigation - Mustang, OK; Lessons Learned from failed MSE walls – several locations; Construction of the Drilled Shaft Foundations for the Huey Long Mississippi River Bridge – in Louisiana; and Structural Health Monitoring System at the I-10 Twin Span Bridge over Lake Pontchartrain – in Louisiana. Preliminary plans also include sessions on FHWA - Guidelines, Policy, and Direction for Unknown Foundation evaluation and State DOT experiences from North Carolina and Florida.

Highway Program Financing

Central Federal Lands Highway Division is hosting NHI Course #152072 Highway Program Financing. This training provides an overview of the Federal-Aid Highway Program, focusing on various aspects of highway program financing unique to the FHWA.

Seats are available. To attend, please register via the NHI website at www.nhi.fhwa.dot.gov.

When: Tuesday, April 27 and Wednesday, April 28
Where: DOT Dakota Building in Lakewood, Colorado
Contact: Pat Cavaleri at 720.963.3561, Pat.Mayorga@dot.gov or Gay Dugan at 720.963.3473, Gay.Dugan@dot.gov.

Geometric Design: Applying Flexibility and Risk Management (380095)

This is a moderate to advanced-level course intended for highway design practitioners that have at least a basic understanding of geometric design criteria. The course includes facilitated discussions and questioning with practical work problems and exercises based on actual case studies.

Upon completion of the series, participants will be able to:

- Define the relationship among design criteria, design guidelines, and design standards
- Describe the concepts of design speed, target speed, posted speed, and operating speed
- Describe the FHWA Policy for Design Standards and Design Exceptions
- List the 13 controlling geometric design criteria that require a formal written design exception from FHWA
- Evaluate the safety effects and qualitative risk of proposed design exceptions
- Evaluate the effectiveness and appropriateness of mitigation strategies for design exceptions
- Describe the relationship between safety and key geometric features of highway alignment and cross section
- Describe the applicability of a human-centered approach to geometric design considerations
- Describe how tort liability concerns impact design decision-making

Target Audience: This course is targeted toward engineers who are involved in applying engineering judgment in the selection of design criteria and in the assessment of design exceptions. It is most practical for practicing engineers and highway decision makers from state highway agencies, local agencies, design consultants, and FHWA field offices.

Training Level: Accomplished
Length: 2 days
CEU: 1.2 Units
Fee: \$350 per participant
Class Size: Minimum: 20; Maximum: 30

To host an NHI session, please go to the [Web site](#) and select the “Host a Course” link to complete the “Host an Instructor-led Training (ILT) Course” form. After the form is received, an Instructor will contact the Local Coordinator to schedule the session. Requested dates may be shown on the form; however, scheduling is subject to Instructor availability. All confirmed sessions are listed on the NHI Web site by date and course number.

Contact: NHI Training Team: 703.235.0534 or email at nhitraining@dot.gov

Items of Interest

National Highway Institute (NHI) Courses with FHWA Seats Available

Each NHI session opens three seats for FHWA participants. Visit www.nhi.fhwa.dot.gov for the latest information on sessions and contact your FHWA Training Coordinator to request enrollment in a session.

NHI Sessions with FHWA seats for May 2010:

Subject Area	Course Title	Start Date and Location
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Structures	Safety Inspection of In-Service Bridges	5/3/2010 LINCOLN,NE
Geotechnical	Driven Pile Foundation Inspection	5/3/2010 FRANKLIN,MA
Construction & Maintenance	Principles of Writing Highway Construction Specifications (3-Day)	5/3/2010 ALEXANDRIA,LA
Structures	Bridge Inspection Refresher Training	5/4/2010 JEFFERSON CITY,MO
Hydraulics	Practical Highway Hydrology	5/4/2010 HOUSTON,TX
Highway Safety	Roadside Safety Design (3-Day)	5/4/2010 COLUMBIA,SC
Geotechnical	Design of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes	5/4/2010 MESQUITE,TX
Hydraulics	Hydrologic Analysis and Modeling with WMS	5/4/2010 BATON ROUGE,LA
Highway Safety	Guardrail Installation Training	5/4/2010 NEWINGTON,CT
Geotechnical	Shallow Foundations	5/4/2010 PHOENIX,AZ
Construction & Maintenance	Use of Critical Path Method (CPM) for Estimating, Scheduling and Timely Completion	5/4/2010 ATLANTA,GA
Construction & Maintenance	Contract Administration Core Curriculum (Resource Center Workshop)	5/4/2010 HELENA,MT
Metropolitan Planning	Highway Program Financing	5/5/2010 PHOENIX,AZ
Structures	Bridge Construction Inspection	5/10/2010 STERLING,VA
Structures	Safety Inspection of In-Service Bridges	5/10/2010 DENVER,CO
Construction & Maintenance	Bridge Maintenance Training	5/10/2010 AMARILLO,TX
Geotechnical	Geotechnical Instrumentation	5/10/2010 NEWINGTON,CT
Highway Safety	Roadside Safety Design (3-Day)	5/11/2010 AUSTIN,TX
Hydraulics	Urban Drainage Design (3-Day)	5/11/2010 SAN ANTONIO,TX
Construction & Maintenance	Principles of Writing Highway Construction Specifications (2-Day)	5/11/2010 MESQUITE,TX
Design & Traffic Operations	Managing Traffic Incident and Roadway Emergencies (2-Day)	5/13/2010 MESQUITE,TX
Communications	Instructor Development Course (4.5-Day)	5/17/2010 COLLEGE STATION,TX
Construction & Maintenance	Use of Critical Path Method (CPM) for Estimating, Scheduling and Timely Completion	5/18/2010 STERLING,VA
Structures	Fracture Critical Inspection Techniques for Steel Bridges	5/18/2010 TRENTON,NJ
Structures	Bridge Inspection Refresher Training	5/18/2010

		INDIANAPOLIS, IN
Real Estate	Basic Relocation under the Uniform Act	5/18/2010 HOUSTON, TX
Highway Safety	Road Safety Audits/Assessments	5/18/2010 BOISE, ID
Highway Safety	Design and Operation of Work Zone Traffic Control (1-Day)	5/18/2010 NEWINGTON, CT
Environment	Practical Conflict Management Skills for Environmental Issues	5/18/2010 AUSTIN, TX
Environment	Effective Communications in Public Involvement	5/18/2010 ARLINGTON, VA
Highway Safety	Work Zone Traffic Control for Maintenance Operations (Short Term)	5/19/2010 NEWINGTON, CT
Pavements And Materials	Pavement Preservation: Optimal Timing of Pavement Preservation Treatments - WEB-CONFERENCE	5/21/2010 ARLINGTON, VA
Structures	Bridge Inspection Refresher Training	5/25/2010 JACKSON, MS
Real Estate	Basic Relocation under the Uniform Act	5/25/2010 MADISON, WI

Highlights of Recent Learning Activities

Competitive Learning Opportunities

The selection process for the Competitive Learning Opportunities has been completed and participants have been notified. This year, the nominations were outstanding making the competition very challenging.

But wait...2011 is just around the corner. It's already April and the solicitation for the next Competitive Learning Opportunities will be announced in a few months. As you work on your IDPs, be sure to include these programs for next year and start preparing.

Watch the Learning Highway at <http://staffnet/opt/training/training.htm> for dates and procedures.

Leadership Competency Certificate (LCC) Program

John Baxter, Associate Administrator for Federal Lands Highway, joined the participants to discuss "How to Succeed in FHWA". Mr. Baxter covered an array of topics but always emphasized how important it is to be a team player and to develop core competencies. The questions flowed freely and were answered in detail.

The webinar sessions have been designed to expose participants to the FHWA Leaders such as Mr. Baxter. In April, we will have another guest speaker to discuss senior leadership.

The LCC Program will be available again starting this fall. Additional information on the leadership competency certificate program is available at:
http://intra.fhwa.dot.gov/opt/training/comp_leadership/lcc_program.htm

Audience: LCCP Participants

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