The Transportation Curriculum Coordination Council

- What it is
- What it does
- Who it benefits
What is the Transportation Curriculum Coordination Council?

A six-year old public/private partnership that is assembling a curriculum aimed at producing the ample and highly-skilled transportation workforce our mobility demands.
Who does TCCC benefit?

- AASHTO
- State DOT’s
- Local Transportation Agencies
- Industry
- FHWA
- The roadway customer
What can TCCC do for its partners?
Challenge:

- “Develop tools to assist states in addressing issues of workforce recruitment, retention, succession planning, and in-service training.”
- “Expand training opportunities and the array of offerings.”

» AASHTO Organizational Goals
AASHTO

Solution:

Partner with TCCC to:

• ensure the availability of nationally-applicable training tools in every transportation discipline
• build and continually refresh a highly-qualified workforce
• encourage and facilitate broader adoption of national standards by the majority of States.
State DOTs

Challenge:

- Infrastructure performance
- Federal funding
- Operational efficiency (i.e., succession planning)
State DOTs…

Solution:

– save money while reaping the benefits of optimal workforce development
– maintain more productive and efficient construction and maintenance activity
– enhance access to available Federal funds
– deliver the highest quality products to the roadway customer.
FHWA

Challenge:

• “Advance the State-of-the-Art in the Transportation System.”

• “Create an environment for, and deliver innovations in the transportation community through development of tools, technology transfer, training, and technical assistance.”

• “Directly or indirectly provide the best available training, technical assistance, and access to state-of-the-art transportation technologies.”
FHWA...

• Solution:
  – improve construction and maintenance quality through support of the highest quality highway transportation workforce.
  – efficiently deliver the highest quality of roadway performance for the highway customer.
What has TCCC done lately?

• Developed 23 courses, plus 4 in progress and 9 more in the wings
• Secured a CEO: Pete Rahn, Director, MO DOT
Anything else?

- Developed a 5-year Business Plan and adopted By-Laws
- Set up a subcommittee infrastructure and appointed Chairs
NEW TRAINING

- Construction Inspection, workmanship and Quality
- Bridge Construction Inspection Course
- Inspection Of Mechanically Stabilized Earth Walls
- Subsurface Investigation
- Partnering for Improved Quality
- Pavement Preservation: Design & Construction of quality Preventative Maintenance Treatment
TRAINING UNDER DEVELOPMENT

• Environmental Factors in Construction
• Inspection of Bridge Rehabilitation
• GIS Applications in Construction
• Quality Assurance in Construction
• GPS Training
Sandbox Project

• What it is
• What it does
• Who it benefits
Sandbox Project #1

5 Projects – 4 States
OPCD Guidance
A Success!!!!!!!
Sandbox Project #2

• Currently taking applications
• Will be starting in August
• More information on website
• http://www.nhi.fhwa.dot.gov/tccc/sandbox.htm
• Debbie Gwaltney – 202-366-9379 or Debbie.Gwaltney@fhwa.dot.gov
What’s Next?

- Complete Sandbox #2
- Report at TCCC Meeting
HOW CAN TCCC BE UTILIZED?

• STATES WITH GOOD EXISTING TRAINING PROGRAMS
• STATES THAT NEED TO IMPROVE THEIR EXISTING TRAINING PROGRAMS
• STATES WITH NO FORMAL TRAINING PROGRAMS
USE OF TCCC

• Examine TCCC curriculum vs. available training to identify gaps.
• Utilize existing courses.
• Determine needed training for TCCC development.
• Contribution to Pooled Fund is desired but not mandatory to use training material.
So who are you guys again?

- Federal Highway Administration
- National Highway Institute
- American Association of State Highway and Transportation Officials (AASHTO)
  Standing Committee on Highways
  - Subcommittee on Construction
  - Subcommittee on Maintenance
  - Subcommittee on Materials
- State Highway Administrations/Departments of Transportation
- Regional Technician Certification Groups
- New England Transportation Technician Certification Program (NETTCP)
- Mid-Atlantic Region Technician Certification Program (MARTCP)
- Southeast Task Force on Technician Training and Certification (SETFTTQ)
- North Central Multi-Regional Training and Certification Program (M-TRAC)
- Western Alliance for Quality Transportation Construction (WAQTC)
- Industry Associations, Institutes and Partnerships
- American Concrete Pavement Association (ACPA)
- American Road & Transportation Builders Association (ARTBA)
- American Traffic Safety Services Association (ATSSA)
- The Associated General Contractors of America (AGC)
- Association of Drilled Shaft Contractors (ADSC)
- Foundation for Pavement Preservation (FP2)
- National Asphalt Pavement Association (NAPA)
- National Ready Mixed Concrete Association (NRMCA)
- National Institute for Certification of Engineering Technologies (NICET)
- National Partnership for Highway Quality (NPHQ)
And the bottom line?

TCCC:

– Helps all partners deliver highway transportation infrastructure that meets or exceeds the performance that highway customers need, expect, and deserve.
For more information about the Transportation Curriculum Coordination Council, visit:

www.nhi fhwa dot gov/tccc

Or contact:
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Thank you.

Questions?