



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?

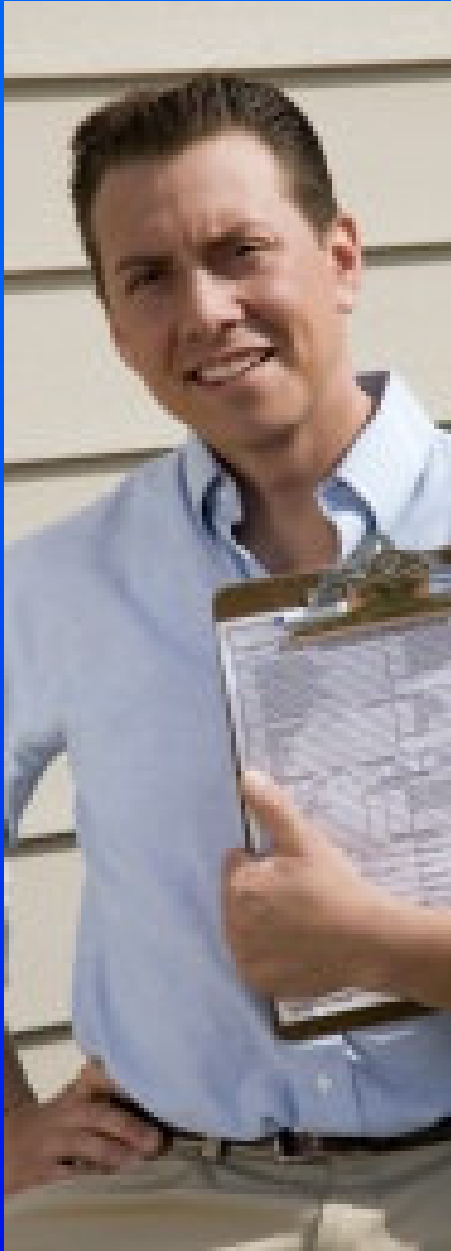
- AASHTO
- State DOT's
- Local Transportation Agencies
- Industry
- FHWA
- The roadway customer





What can TCCC do for its partners?



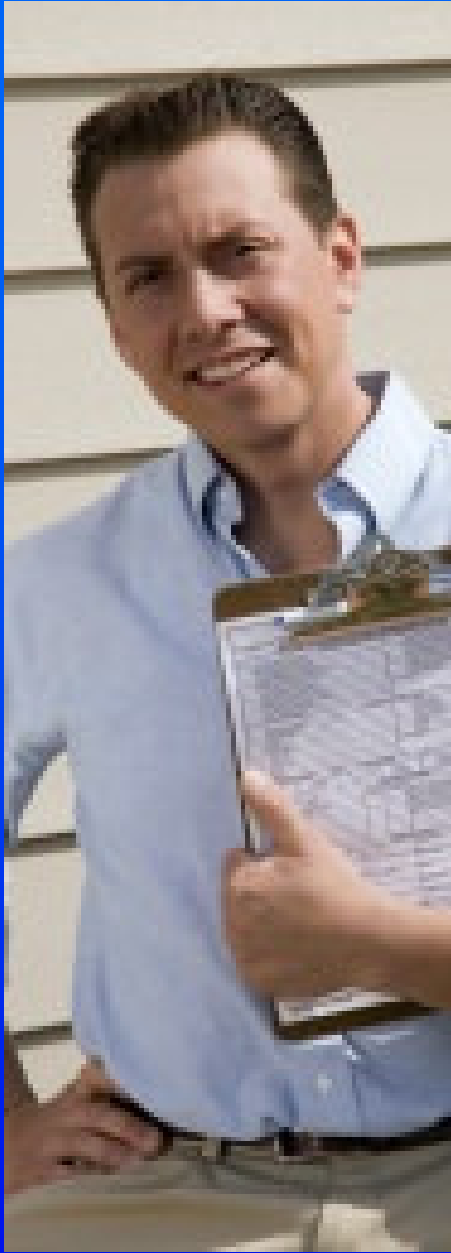


AASHTO

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)

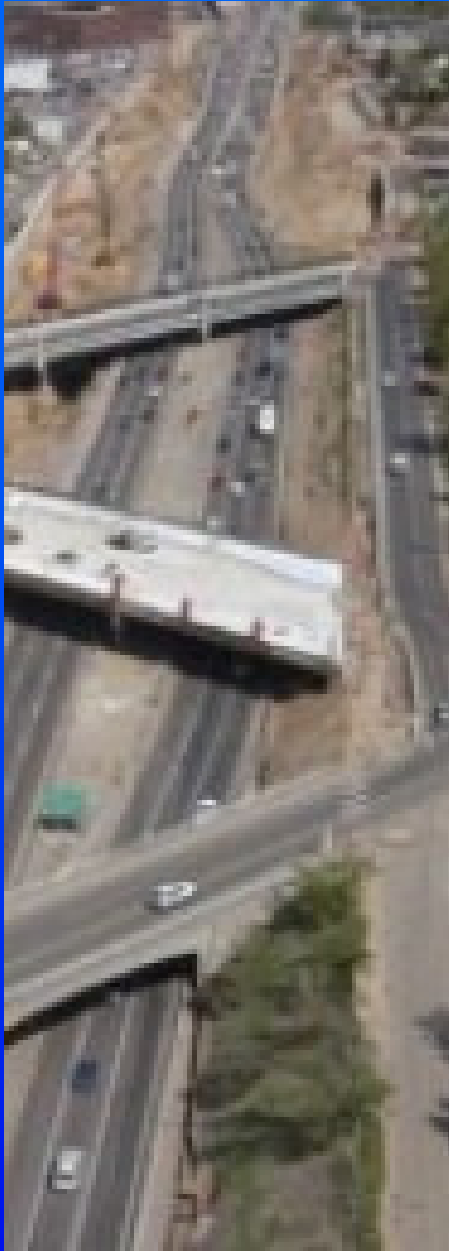


State DOTs...

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.



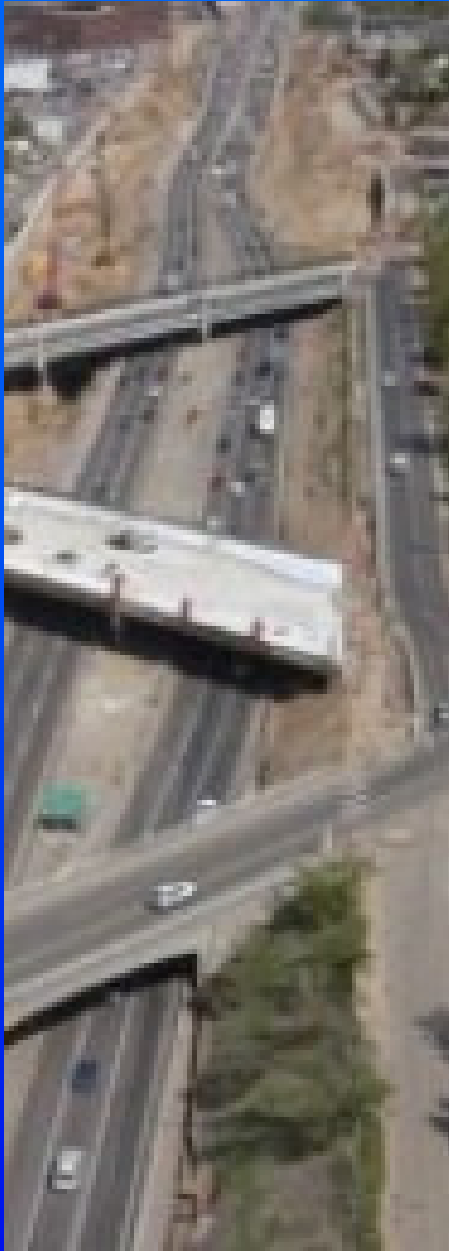


FHWA

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

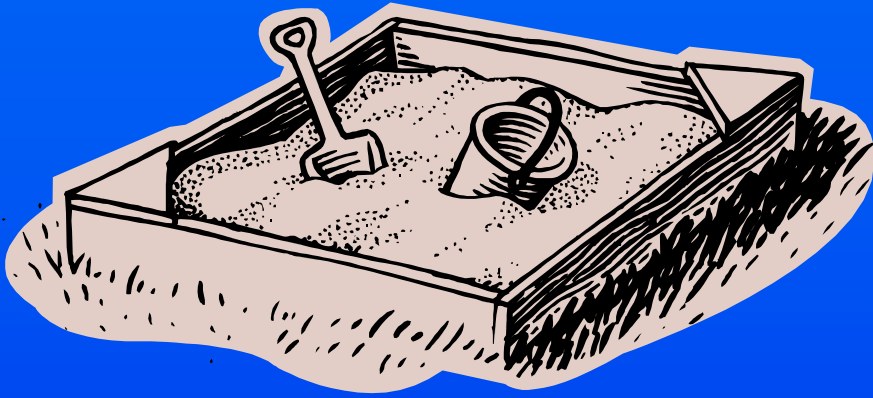


TRAINING UNDER DEVELOPMENT

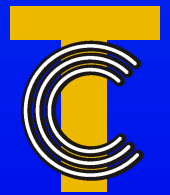
- Environmental Factors in Construction
- Inspection of Bridge Rehabilitation
- GIS Applications in Construction
- Quality Assurance in Construction
- GPS Training



Sandbox Project



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- What it does
- Who it benefits





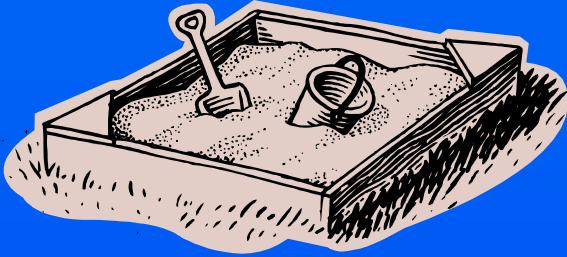
Sandbox Project #1



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?

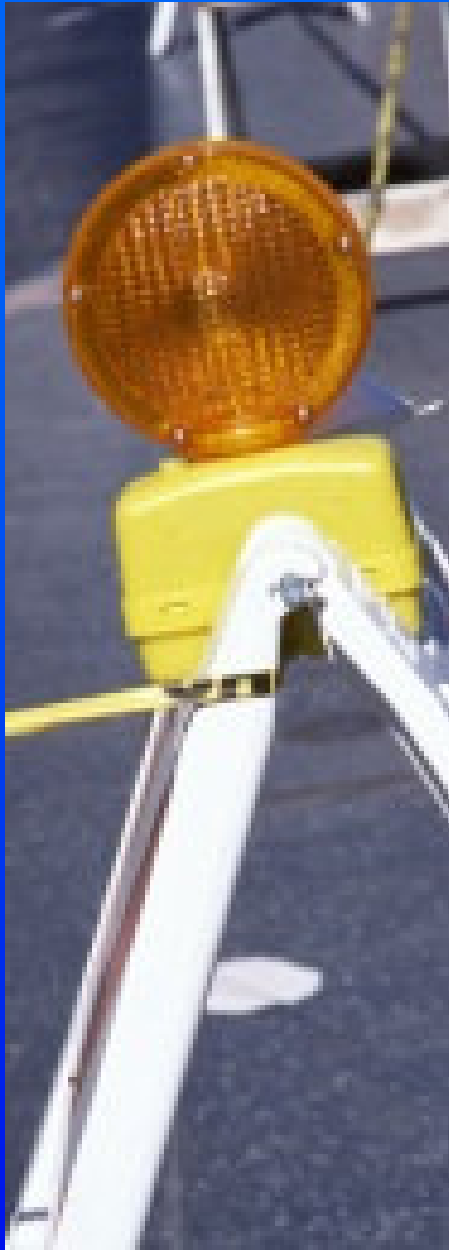
- STATES WITH GOOD EXISTING TRAINING PROGRAMS
- STATES THAT NEED TO IMPROVE THEIR EXISTING TRAINING PROGRAMS
- STATES WITH NO FORMAL TRAINING PROGRAMS



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



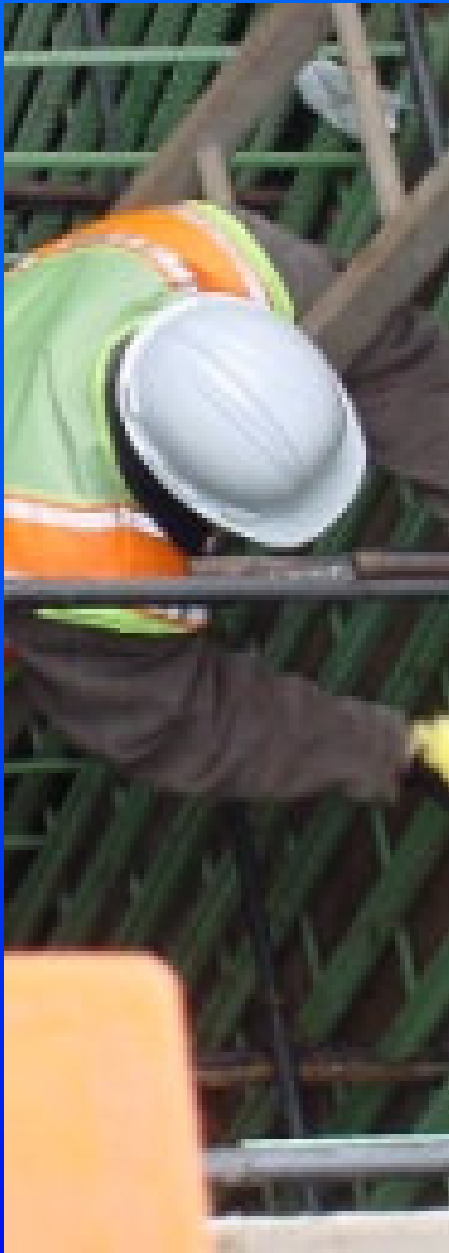


So who are you guys again?

- 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:

Christopher Newman
TCCC Program Manager
(202) 366-2023

christopher.newman@fhwa.dot.gov





Thank you.

Questions?

