Topics of Discussion

• Workforce development challenges

• TCCC Past - Present - Future
Partnership Effort

- Regional certification groups
- AASHTO subcommittees
- Local transportation agencies
- FHWA / NHI
- Industry groups
- Academia
TCCC Mission

- Coordinate training and certification
- Establish a national core curriculum
- Develop training materials
- Support agency training efforts
Workforce Facts

• Technology is constantly changing

• New technology requires a competent, trained, and certified workforce
TCCC Past-Present-Future

• Curriculum matrices
• National Transportation Training Resource (NTTR) Database
• Interactive Website
• Training development
Core Curriculum Matrix Development

- Developed matrices listing core competencies for four skill levels in the following areas
  - Maintenance
  - Construction
  - Materials
  - Safety and Work Zone
  - Workforce Development
TCCC Present
National Transportation Training Resource Database

- National Interest:
  - TCCC, NTTD, LTAP
  - AASHTO, TRB, ITE, ACPA

- Identifying existing training courses

- Determining new training needs
TCCC Present

National Transportation Training Resource Database

• Complete data on training courses
  – objectives, level, audience, tests, manuals, contacts, etc.

• Review and link to competencies by level

• Maintain online searchable training database
  – more than 50 subject areas
TCCC Present

Web Based Training Courses

Free Online Training Courses Available Through Partnership with NHI

There are now over 15 available courses
TCCC Present

Web Based Training Courses

5 Free Online Training Courses Available Through Partnership with NHI

- Basic Materials for Highway and Structure Construction and Maintenance
- Hardened Concrete Properties (Durability)
- Various other Concrete related courses
- PCC Pavement Inspection
- Plan reading
TCCC Future
Other Additional Online Training Courses Coming Soon

• Construction of PCC Pavements
• Bolted Connections
• Pipe Installation and Inspection
• Earthwork Inspection
• Self Consolidating Concrete Inspection
• Surveying
• Maintenance Courses
For more information about the TCCC go to:

www.nhi.fhwa.dot.gov/tccc

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