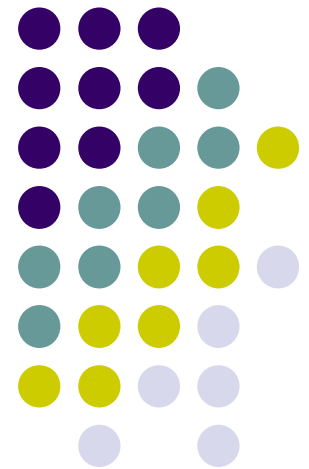
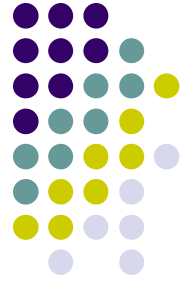


Transportation Curriculum Coordination Council

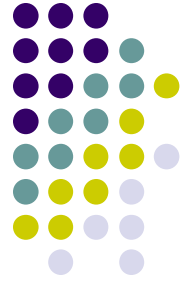
Partnering for Workforce
Development



Construction Quality



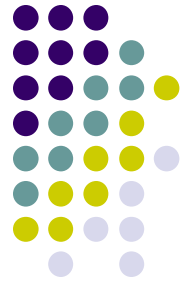
- Quality Materials
- Quality Processes
- Quality *People*
 - Qualification of materials testers
 - Qualification of inspectors



Who is TCCC?

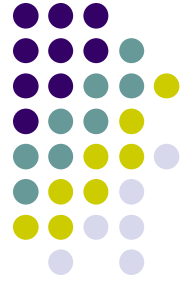
- 5 - Regional Certification Groups
- AASHTO Subcommittees (Construction, Maintenance, Materials)
- FHWA/ NHI
- Industry groups
- Academia

Who is TCCC? Regional Groups



- **Mid-Atlantic Region Technician Certification Program (MARTCP)**
- **New England Transportation Technician Certification Program (NETTCP)**
- **Southeast Task Force on Technician Training and Certification (SETFTTC)**
- **North Central Multi-Regional Training and Certification Program (M-TRAC)**
- **Western Alliance for Quality Transportation Construction (WAQTC)**

TCCC



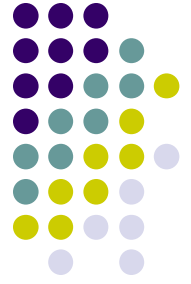
- Created from five regional certification groups in 2000, along with AASHTO, FHWA, NHI, and industry
- Maximize resources through concerted efforts in the development of training and qualification mediums
- Promote uniformity in training content and qualification requirements to facilitate reciprocity between States and regions
- Share training and qualification materials and techniques



TCCC Mission

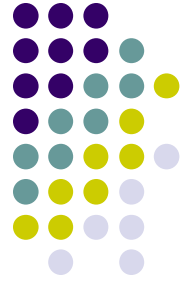
- Coordinate training and certification efforts
- Establish a national core curriculum
- Develop training materials

TCCC Activities



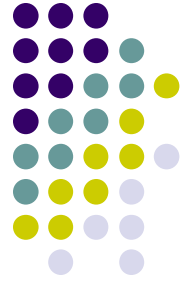
- Pooled Fund
- Comprehensive Curriculum
- Training Development
- Meetings and Marketing

TCCC Pooled Fund



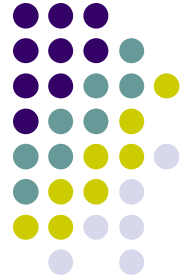
- Funding source for TCCC training development
- \$1 million in contributions to date
- Leveraging training funds

Comprehensive Curriculum



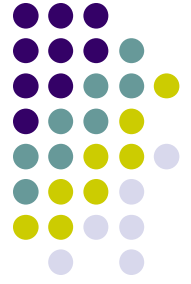
- Five Program Areas
 - Construction
 - Materials
 - Maintenance
 - Safety
 - Employee Development
- Four skill levels
- Dynamic, adaptable by State DOT's for training programs

PCC Pavement Field Inspection Competencies

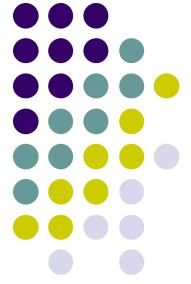


DISCIPLINES	COMPETENCIES BY SKILL LEVELS			
	Level I	Level II	Level III	Level IV
Surface Preparation	Assists in performing surface inspections	Inspects surface for proper preparation in accordance with contract documents	Recommends acceptance or corrective action based on inspection results	Determines contract decisions related to surface preparation acceptance and payment
			Documents and follows up on corrective actions	Recommends disciplinary action when corrective measures are not taken in a reasonable time frame
Concrete Delivery	Assists in inspections of delivery vehicles to make sure they are in good working condition	Inspects trucks to assure that all gauges, meters, etc. are in working order	Recommends acceptance or corrective action based on inspection results	Determines contract decisions related to concrete delivery acceptance and payment
		Checks for worn parts that could affect mix quality	Documents and follows up on corrective actions	Recommends disciplinary action when corrective measures are not taken in a reasonable time frame
		Collects load tickets		
		Verifies correct mix was shipped		

Recently Completed Courses



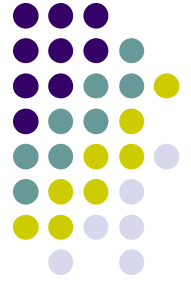
- **Bridge Construction Inspection**
- **Mechanically Stabilized Earth Walls/ Reinforced Soil Slopes**
- **Basic Surveying for Inspectors**
- **Pavement Preservation – Design and Construction of Quality Preservation Treatments**
- **Instructor Development for Technical Trainers**
- **40 training courses for State and Local Agencies**



Courses Under Development

- 134055 – Managing Construction Workmanship
- 134060 – Partnering for Improved Quality
- 134050 – Quality Assurance Technician





Next Steps

- Future course development
 - Matrix gap analysis
 - Customer feedback
 - FHWA program offices
 - AASHTO Subcommittees
- Creating training database
- Next Meeting: Cincinnati, Ohio – June ,2006

More Information

www.nhi.fhwa.dot.gov/tccc

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