



# New Mexico

# Technician Training and Certification Program (TTCP)

# M-TRAC Meeting

**Fargo, ND**

**August 26-27, 2009**

# Joint Cooperative Effort



U.S. Department  
of Transportation

**Federal Highway  
Administration**



# How Does The Cooperative Effort Work?

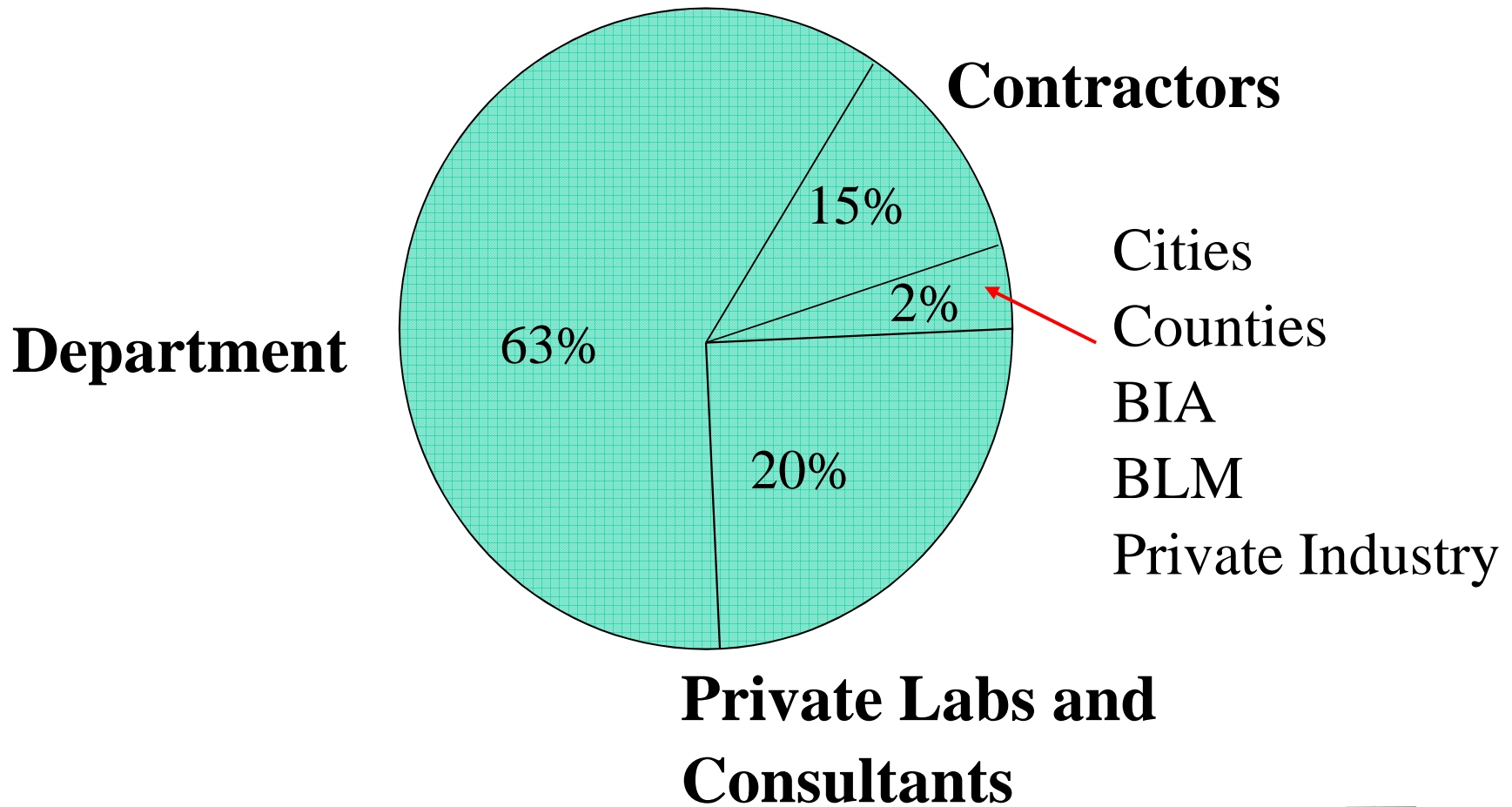


- Three Full-Time Trainers
- Testing Equipment
- Lease ACNM Facility

- Provide Facility
- Maintain Database
- Provide Billing/Collection
- Input From Industry
- Hire Proctors



# Who Utilizes the New Mexico TTCP?



# New Mexico TTCP - Training and Certification Modules

Modules:	Days:	Cost:	Class Size:
• Aggregate Training	- 5	- <b>Free</b>	- 16
• Aggregate Certification	- 3	- \$350	- 12
• Soil Training	- 2	- <b>Free</b>	- 16
• Soil Certification	- 2	- \$300	- 16
• Asphalt/Superpave Training	- 4	- <b>Free</b>	- 10
• Asphalt/Superpave Certification	- 3	- \$350	- 10
• Concrete Field Technician Training	- 1	- <b>Free</b>	- 20
• Concrete Field Technician Cert.	- 1	- \$300	- 20
• Concrete Laboratory Train. & Cert.	- 1	- \$100	- 20
• Nuclear Densometer Training	- 2	- <b>Free</b>	- 20
• Nuclear Densometer Certification	- 2	- \$300	- 20
• Inertial Profiler Inspector Training	- 1	- \$100	- 20
• Ethics Awareness	- 1	- \$50	- 30
• Superpave Mix Design Training	- 4	- <b>Free</b>	- 8
• TTCP Overview for Decision-Makers	- 3	- <b>Free</b>	- 16

# New Mexico TTCP - Training and Certification Modules

## New Classes for 2008 – 2009 Specialty Classes

Modules:	Days:	Cost:	Class Size:
• <b>HMA Construction Inspection</b>	- <b>2</b>	- <b>Free</b>	- <b>30</b>
• <b>Clean Water Act Training</b>	- <b>1</b>	- <b>Free</b>	- <b>30</b>
• <b>Materials Audit Training</b>	- <b>1</b>	- <b>Free</b>	- <b>16</b>
• <b>ProVal (Profiler Software) Training</b>	- <b>1</b>	- <b>Free</b>	- <b>30</b>
• <b>Construction Inspection Workplan</b>	- <b>1</b>	- <b>Free</b>	- <b>40</b>

# New Classes for New Mexico TTCP

## • **Ethics Awareness**

- Initial delivery – March 2007
- Over 800 students to date
- Only 5 students from industry
- Evolving curriculum / scenarios
- Inspector General is co-trainer

# New Classes for New Mexico TTCP

## • **Ethics Awareness**

Since the inception of the class the Inspector General has noticed a **reduction** in investigations related to:

- Theft of fuel
- Theft of equipment
- Citizen complaints (driving)
- Documentation issues



# **New Classes for New Mexico TTCP**

## **· Ethics Awareness**

- Exit survey – anonymous**
- IG member of Executive Staff**
- Communicate issues directly**
- Correct bad trends**

# New Classes for New Mexico TTCP

## • HMA Construction Inspection

- Initial delivery – Fall 2007
- Over 100 students to date
- Using the NHI curriculum
- Using videos to replace hours of PowerPoint presentation
- Good industry interaction



# Evolution of the New Mexico TTCP

- 14 years
- 13,000 student visits
- Poor economic conditions
- Need to save time, money and production
- Take “re-certification” to the field

# Evolution of the New Mexico TTCP

- The idea of “re-certification” came from our M-TRAC meetings over the years.
- Four opportunities in 2009 to “re-certify” in the field.
- Must be third cycle of certification – experience is proven already.

# Evolution of the New Mexico TTCP

- **1 – 3 instructors go to the project or district office instead of the students spending multiple nights in Albuquerque.**
- **No training class is offered due to their experience.**

# Evolution of the New Mexico TTCP

- **A brief review is provided, shortened written exam, demonstrated abilities completed.**
- **What used to take 2-3 full days is now completed in less than one day at the student's location**

# Evolution of the New Mexico TTCP

- The savings is tremendous!
- Four field visits with 37 students completing 45 certificates saved the NMDOT
  - \$26,000
  - 591 hours not traveled
  - 40,000 miles not driven
  - 113 saved days of production





# Evolution of the New Mexico TTCP

- Who likes this new “re-certification process?”

## The Managers

- Who doesn't likes this new “re-certification process?”

## The Students

## Why?







# TTCP Contacts

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## QUESTIONS?

Visit our Web Site at [aconm.org](http://aconm.org)  
Or at the Intrans web page.