



## New Mexico Delegation



# Southwest Peer Exchange



**October 4-5, 2016**  
**Denver, Colorado**



U.S. Department of Transportation  
**Federal Highway Administration**

## Session 3: Emerging Technologies in TSMO and TIMS

### *Transportation Operations role and potential*

- Describe the engagement you have had with the public safety (police, fire, EMS) agencies and entities in your state [Annual Meeting in preparation of winter maintenance coordination; TIM Training support](#)
- What technologies are you using or do you think you can use for incident and emergency response? [Network surveillance, traveler information, video analytics](#)
- How integrated are you with emergency operations? [TMC receives information directly from responding agencies regarding crashes/incidents affecting roadways](#)
- What type of support can your DOT operations provide to first responders? [Motorist Assistance Patrols; sharing CCTV imagery; advisories;](#)
- What type of activities does your DOT do in the event of an incident or emergency? [Same as above](#)

# Capacity Maturity Model – New Mexico’s Status

## Workshop on September 20, 2016

- New Mexico State Police
- NMDOT
  - District 3
  - ITS Bureau
  - Research Bureau
- City of Albuquerque
  - Planning
  - Traffic
- Bernalillo County
- City of Las Cruces
- City of Santa Fe
- Mid-Region Council of Gov’ts
- FHWA

## Dimensions

- Business Processes 2.5
- Systems and Technology 2.2
- Performance Measurement 1.5
- Culture 1.5
- Organization/Staffing 1
- Collaboration 1.5

## Scores

# Capacity Maturity Model – New Mexico’s Status

Pre- Workshop Self-Evaluation on January 8, 2014

- New Mexico State Police
- NMDOT
  - District 3
  - ITS Bureau

Dimensions	Scores
• Business Processes	1
• Systems and Technology	2
• Performance Measurement	2
• Culture	1
• Organization/Staffing	2
• Collaboration	2

# TSMO – New Mexico

## TSMO Projects

- Systems and Technology – Continued Expansion
  - LAN in remote areas
  - Incorporation of New Technologies
    - Video Analytics
    - HTML 5
- Business Processes – Highway Safety Improvement Program
  - Categorical approval to use TSMO/ITS on commuter corridors
  - Location Study Procedures require consultation of ITS Arch
- Culture – Recognition of pervasive nature of technology integration into transportation
  - Exploring language supporting the enablement of autonomous/connected vehicles on New Mexico roadway
- Performance Measurement – working to establish baselines
  - Evaluating performance impacts associated with construction areas
- Collaboration – Regional Transportation Management Center
  - NMDOT
  - COA
  - BernCo
  - APD
  - CoRR
  - BCSO
  - NMSP
- Organization/Workforce
  - Capability – A few re-classes of positions in ITS Operations
  - Capacity – No substantive changes