Iowa
Local Technical Assistance Program (LTAP)

Keith Knapp, Director
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MISSION/OBJECTIVE

The Mission: foster a safe, efficient, and environmentally sound transportation system by improving the skills and knowledge of local transportation providers through training, technical assistance, and technology transfer.

The objective: provide quality training events and technical transportation-related information that is useful to local transportation agencies.
WHAT WE DO

- Develop and/or Assist w/ Technical Training and Outreach Events
  - 90 to 100 “Events”
  - About 4,000 Attendees

- Technical Information Exchange
  - Newsletter
  - Loan Library (Materials/Equipment)
  - Resource Website (www.iowaltap.iastate.edu)
WHAT WE DO (cont.)

- Personal Technical Assistance
- Identify Research Uses and its Local Applications
- Needs Outreach and Response
Technical Training and Outreach
TRAINING EXAMPLES

- Excavation Safety
- Flagger and Work Zone Safety
- Motor Grader Operator Training
- Accessible Sidewalks and Curb Ramps: Design to Installation
- Bridge Inspection
- Roadside Safety Basics
- Tractor Mower Safety
- Webinars: USGS StreamStats and OS/OW Permitting
EXAMPLES (cont.)

• Four to Three Lane Roadway Conversions
• Culvert/Bridge Backwater Software
• Self-Cleaning Multi-Barrel Culverts
• Underground Utilities Construction Inspector School (soon)
• Cost Savings & Sustainability of Gravel Recycling (soon)
• Supervisory Skills and Techniques
LEADERSHIP INSTITUTE

• 15 online training to develop local management/leadership

• Those aspiring to become leaders”

• Course examples: team development, effective communication, and resource management

• Updating courses & offering at meetings within Iowa

• 44 graduates
LARGER EFFORTS

• ICEA Spring, Midyear, Fall, & Annual Conferences
• MINK Conference
• DOT Work Zone Safety Series
• Greater Iowa Asphalt Conference
• Streets and Roads Workshop & Conference
• Local Roads Safety Series
Technical Information
Exchange and Assistance
• Materials/equipment loans
• Online streaming video service
• Mass distributions
  – Gravel Roads Construction and Maintenance
  – Workplace Posters: Sign Retro, Work Zone Flagging, and Gravel Road Maintenance
• Website with online materials, videos, webinars, etc.
Technical Assistance

- Telephone/email/face-to-face Q&A
- On-call/on-site training (e.g., flagger/work zone)
- On-call/on-site road safety assessments
- Facilitate/assist multidisciplinary safety teams
- Recent projects
  - Sign Effectiveness Guide
  - Work Zone Sign Package Program
  - Evaluation of Pavement Markings on Low-Volume Rural Roadways in Iowa
  - Multidisciplinary Safety Team Factors of Success
LTAP TEAM

• Keith Knapp – Director
• Paul Albritton – Technical Training Coordinator
• David Veneziano – Safety Circuit Rider
• John Shaw – Local Roads Safety Liaison
• Theresa Litteral – Statewide Multidisciplinary Safety Team Facilitator
• Administrative Event Coordinator
Questions and Discussion