Transportation Research at the University of Nebraska

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and

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Director, Midwest Roadside Safety Facility

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Midwest Roadside Safety Facility

• Dr. Dean Sicking, Director
Midwest Guardrail System
National Bridge Research Organization
High Strength Steel Bridge, Grand Island

•Dr. Atorod Azizinamini
  Director
Railway Research

- Railway infrastructure (track, ties, …)
- Human factors (scheduling, sleep studies …)
NSF Industry /University Cooperative Research Center (I/UCRC)

• Center for Engineering Logistics and Distribution (CELDi)
  ▪ provision of integrated solutions to logistics problems through modeling, analysis and intelligent-systems technologies.

• Dr. Erick Jones, UNL Director
Mid-America Transportation Center

- University of Nebraska-Lincoln
  - Lincoln and Omaha campuses
Research

- Traffic operations, roadway design, safety
Rapid Bridge Deck Construction
Conductive Concrete De-Icing System
Nebraska Safety Center

- Operator Education Programs
  - School bus drivers
  - Emergency vehicle drivers, rescue and fire trucks
  - Drivers education instructors
  - Advanced driving techniques
  - Operators
  - Safety training option program

- Safety technical assistance

- Safety education research
University of Nebraska Medical Center

- Emergency and automotive medicine
- Rural public health
- Health education
Nebraska Transportation Center

- New UNL regents approved center
- “Connect” transportation related research, education and outreach on all four campuses
- Develop collaborative, multi-disciplinary research team
  - Psychology, economics, business, statistics, engineering…
- Compete for national research grants
- Attract top quality faculty and graduate students
Objectives

- Nebraska’s transportation systems will be some of the safest and most efficient in the nation

- Nebraska’s transportation related industries will become more competitive regionally and nationally

- NTI research, education, and technology transfer programs will attract and retain top students and faculty
ANY QUESTIONS?