Center for Transportation Infrastructure and Safety

MISSOURI S&T

Founded in 1998

Promoted to a National University Transportation Center in 2006

Research thrusts:

- Advanced construction materials
- Non-destructive evaluation technologies and methods
- Transition-state fuel vehicle infrastructure

Center objectives:

- Develop material science and fundamental understanding of sustainable construction materials.
- Improve structural integrity, sustainability and reliability of the transportation system.
- Establish performance-based specifications and quality management tools for infrastructure construction and rehabilitation, leading to standardization and code approval.
- Develop non-destructive testing, monitoring, and evaluation methods of new and repaired structures, including detection of corrosion of reinforcing bars and defects in bridge deck.
- Develop and deploy infrastructure for a safe and sustainable hydrogen economy.

Addressing our nation's needs with the objective of advancing state-of-the-art transportation structures.

Source of center funding

Funded through the University Transportation Centers (UTC) Program under the management of the Research and Innovative Technology Administration of the U.S. Department of Transportation.

Funding Level: $3.5M per year – used as match funds for non-federal externally funded research projects at a ratio of 2 : 1 (typ)

Current Center Performance Metrics (since 2006)	
CTIS Awarded Proposals	**100**
CTIS Awarded Funds	**$7.52M**
Awarded Matching Funds	**$13.76M**
CTIS Award: Match Award Ratio	**1.83 : 1**

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