

# PaveSuite

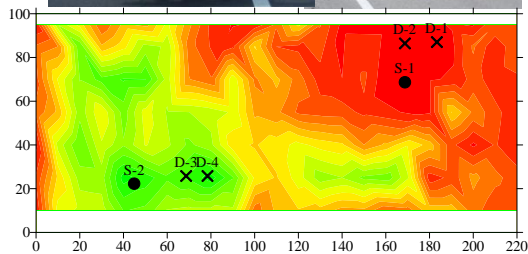
## NEW PAVEMENT EVALUATION TOOLS

Presenter N. Mike Jackson

Title AASHTO PaveSuite - Pavement Evaluation Tools

Event November NHI Innovations Web Conference

Date November 17, 2011



## WHO IS TIG ?

A group of professionals ...

- **Dedicated to sharing high-payoff, market-ready technologies among transportation agencies across the United States.**
- **Committed to promoting technological advancements in transportation, sponsoring technology transfer efforts and encourages implementation of those advancements.**
- **Reports to the AASHTO Standing Committee on Highways (SCOH).**

For more information visit [www.aashtotig.org](http://www.aashtotig.org)

# The Lead States Team

**Bouzid Choubane, Chair**  
**Florida Department of Transportation**  
Bouzid.Choubane@dot.state.fl.us  
352-955-6302

**Magdy Mikhail**  
**Texas Department of Transportation**  
mmikhail@dot.state.tx.us  
512-506-5838

**Brian L. Schleppe**  
**Ohio Department of Transportation**  
brian.schleppe@dot.state.oh.us  
614-752-5745

**Kevin McGhee**  
**Virginia Center for Transportation Innovation and Research**  
Kevin.McGhee@VDOT.Virginia.gov  
434-293-1956

**Emmanuel Fernando**  
**Texas Transportation Institute**  
e-fernando@tamu.edu  
979-845-3641 Ext. 53641

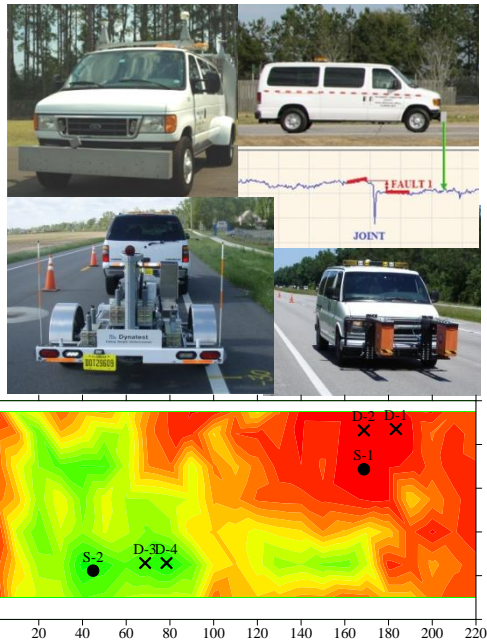
**Mike Jackson**  
**University of North Florida**  
njackson@unf.edu  
904-620-1847

**Darryll Dockstader**  
**Florida Department of Transportation**  
darryll.dockstader@dot.state.fl.us  
850-414-4613

**Abdenour Nazef**  
**Florida Department of Transportation**  
abdenour.nazef@dot.state.fl.us  
850-414-4371

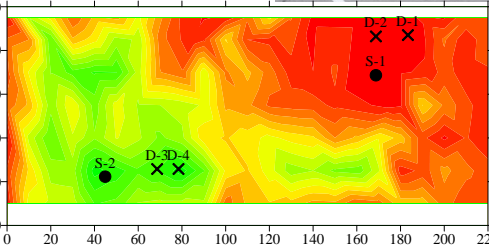
**Charles Holzschuher**  
**Florida Department of Transportation**  
Charles.Holzschuher@dot.state.fl.us  
352-955-6341

**Andy Mergenmeier**  
**Federal Highway Administration**  
andy.mergenmeier@dot.gov  
410-962-0091



## THE CHALLENGE:

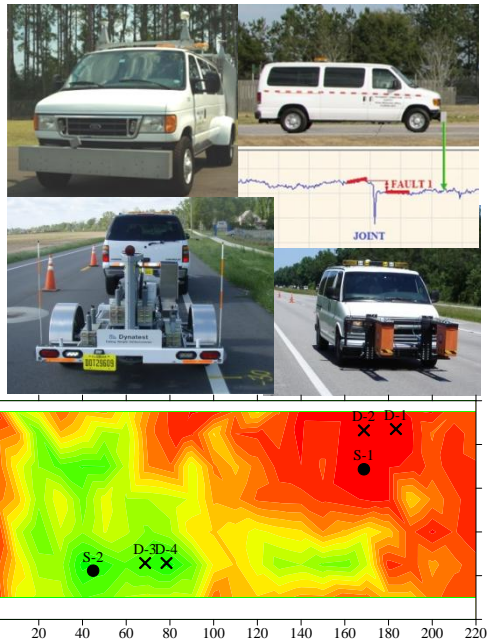
- Improve Worker and Public Safety
- Provide Higher Quality of Pavement Data
- Improve Overall Quality and Efficiency of Pavement Construction, Maintenance and Preservation
- Increase Overall Cost Effectiveness



## THE SOLUTION:

# PaveSuite

- Automated Cross-Slope and Drainage Path Method
- Automated Faulting Method
- Enhanced Pavement Test Data Analysis Methodology
- Identifying Vibration-Sensitive Work Zones



## THE BENEFITS

- Increased speed, safety and cost effectiveness of data collection
- Elimination of hazardous and tedious manual data collection
- Reduced traffic control and lane closures
- Improved data quantity and quality
- Reduced pavement damage and cost