TMC WEATHER INTEGRATION
“A Success Story”

getting you there

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TMC Weather Integration
Project Summary
2009 - Present

2009
Selected by FHWA

2010
Integration Plan Finalized

2011
Implementation Began

2012
Evaluation

As a pilot site to utilize “FHWA’s Self-Evaluation Guide”

2009 - Present
by FHWA

- TMC Weather Integration
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FHWA Self-Evaluation Guide

June 2009 Initial Walk-Thru
Yielded 13 High Need Strategies

August 2009 Second Walk-Thru
Yielded 6 High Need Strategies

TMC Weather Integration Project Summary
2009 - Present
Six High Need Targets Identified

- Disseminate Wx info to broader audience
- Provide better enroute Wx info to public

- Develop & implement Wx event policies

- Improve timeliness of Wx event response

- Adjust operations based on Wx info
- Provide real-time Wx alerts and updates
Benefits Of Using The Guide

- Gained Early Consensus
- Identified Critical Action Items
- Avoided Unnecessary Tasks
- Defined Measureable Results

TMC Weather Integration Project Summary
2009 - Present
NWS Real-Time Data Integration

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Weather Event Management

[Image of a software interface with event management features and data entry fields for weather events and incidents.]
RWIS Purchase and Installation

KC Scout added 3 stations within an ITS Expansion Project

TMC Weather Integration
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511 Integration

Active in Kansas
http://www.kandrive.org/

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RFP expected to be issued for a Missouri Statewide 511
In October 2011
KC Scout will release a bid within the next 30 days to acquire 13 devices for MA/ER fleet vehicles.
Best Practices Guidelines

Guidelines for Road Weather Advisory and Control Information (Preliminary)

Battelle
Center for Human Performance & Safety

On behalf of:
U.S. DOT Federal Highway Administration
Office of Operations

March 14, 2011

U.S. Department of Transportation
Research and Innovative Technology Administration
### Anticipated Performance Measurements

### Quantity
- # of Alerts Issued by NWS
- # of Outbound Messages
- # of Website Hits
- # of New WebAlerts Subs

### Quality
- Operator Satisfaction
- Customer Satisfaction
- Maintenance Satisfaction
- Inter-Agency Satisfaction

### Variability
- Time Interval Between Notification and Posting
- Correlation of TTs to WX
- Speed Variability during WX

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**TMC Weather Integration Project Summary**

2009 - Present

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**Kansas City MoDOT + KDOT**

**SCOUT**