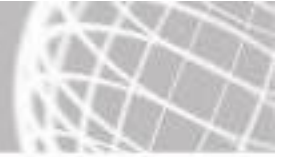




Louisiana Regional and Statewide Transportation Management Centers

Michael Muffoletto

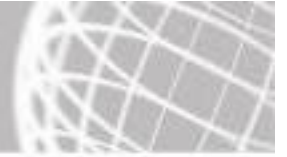


Louisiana TMC Background

LA TMC Operations consists of:

- Four regional TMCs
 - ❖ Baton Rouge
 - ❖ Houma
 - ❖ New Orleans (Set to Open Fall '09)
 - ❖ Shreveport
- One statewide TMC
 - ❖ Baton Rouge
- TMCs manage and operate:
 - ❖ CCTV
 - ❖ DMS
 - ❖ RVD
 - ❖ MAP
 - ❖ CARS 511

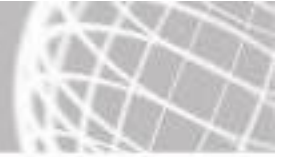




LA Weather Conditions

- ❖ Heavy rain events
- ❖ Flooding
- ❖ Fog
- ❖ Tropical weather activity
- ❖ Occasional winter weather conditions

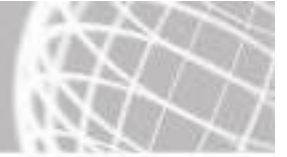




Enhancing Integration of Weather Information

- Objective:
 - LA TMCs looking to take a more proactive role to handling adverse weather conditions and their impact on roadways
- Benefits:
 - Improve targeting of weather messages
 - Develop & implement policies/procedures
 - Improve communication with outside agencies

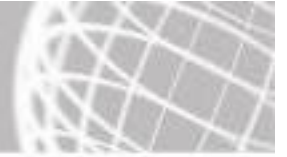




Evaluation Process

- TMC supervisors met to discuss process
 - Each individual TMC completed Guide
 - Decided enough correlation between 5 TMC results to use one set for the entire state
 - Decided to exclude tropical weather events
- Operators of TMC brought into discussion of guide
 - Guide very straightforward
 - Approximately one hour to complete

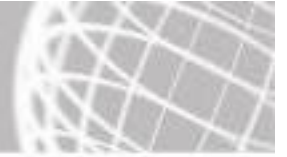




Results – Key Weather Integration Strategies

- Implement policies/procedures for handling adverse weather conditions, with quick reference flip cards at each TMC operator workstation
- Better coordination and communication with agencies within the state
- Purchasing RWIS and testing at a few sites
- Providing weather radios for the TMCs
- Form relationship with state climatologist
- Select weather coordinator within TMC

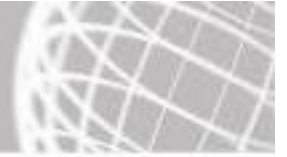




Benefits of Self-Evaluation

- Realize need to take a more proactive approach
- TMCs were able to take a look at current state of operations in regards to weather
- Provided beneficial discussion of areas that operations could improve



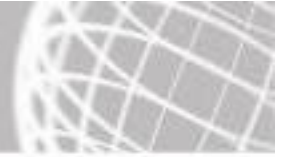


Weather Integration Plan

Scope:

- The plan will assist the TMCs in understanding what resources and tools they are currently using and are available
- The plan will identify future tasks that can be done to improve weather management in TMC operations
- The plan will provide a more proactive approach to managing weather





Expectations for Plan Implementation

Immediate:

- Construct written policies/procedures
- Better improve communication with agencies
- Select weather coordinator at TMC
- Improve the coverage and granularity of weather information

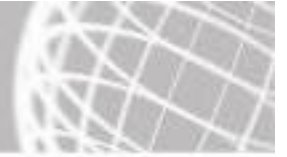
Short Term:

- Purchase and test RWIS in a few select locations and show benefit of sensors in regards to TMC operations

Long Term:

- Expand coverage of weather sensors across the state





Path Forward and Assessment

- Plan for annual revisiting of process
 - Show TMCs' progress on weather integration
 - Identify which strategies have been working and what improvements can be made
- Overall assessment
 - Process has been very beneficial in opening discussion and ideas in regards to weather in TMC operations
 - Helped pinpoint areas where the TMC could improve their response and proactive approach to adverse weather conditions
 - Would recommend this process and Guide to other TMCs

