Nevada DOT

Use of Technology for Winter Maintenance
Departmenal Focus On Operations

• Greater emphasis on projects that improve roadway reliability
• Support from leadership
• Additional funding in operations (despite many budget decreases in other divisions)
• Focused on benefits to Public, not just cost-savings
Statewide Contract To Provide Crew-Specific Forecasts

- Phone conferences for events with significant impact
- 24/7/365 telephone access to forecaster
- Yearly, regional feedback meetings
- Refresher training for RWIS
- Introductory training for use of radar software
Focus on RWIS Improvements

• Implement projects to address communication issues related to 800 MHz radio system
• Encourage commitment from Districts for IT Specialists to spend significant time on RWIS sites to troubleshoot and address problems
CLARUS Connection

- Streamline internal process for RWIS data assimilation & archiving
- Provide clear & consistent access to RWIS data for other agencies
- Revamp RWIS public website
- Add additional RWIS in new regions
SMART DRIVE Pilot Project

• Primary purpose: improve safety by modifying driver behavior
  - Gather data from vehicles included in pilot project
  - Create training program to modify driver behavior
• Secondary benefit: move Department closer to AVL/MDSS capabilities
  - Create department-wide employee buy-in for “tracking” technology in DOT vehicles
  - Create IT & Equipment division support supporting other vehicle installations
Wind Prohibitions And Their Impact On Operations

- Used the Request for Approach process to select consultant to evaluate existing high wind area on US 395 between Carson City & Reno
- Using RWIS data from existing site as well as data from construction site & 2 recent installations
- Includes contracted meteorologist on consultant team
Nevada Is Working Toward An MDSS Program

- Taking incremental steps
- Gain buy-in and support at both Maintenance & Management levels
- Establish programs that become part of the “core function”
Contact Info:

Denise M. Inda, PE, PTOE
Asst. Chief Operations Engineer
Nevada Department of Transportation
1263 South Stewart Street
Carson City, NV  89712
(775) 888-7867
dinda@dot.state.nv.us