

I-80 Coalition UDOT Presentation

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Outline

- RWIS Upgrades.
- Snow and Ice Performance Measure
- DAQ PM 2.5 Requirements.



RWIS Upgrades



RWIS Upgrades

- Current system in need of upgrades.
- TOC and Central Maintenance funded.
- Looking at potential new locations.



RWIS Upgrades

- Upgrading all existing RWIS stations.
- New road puck installations.
- Upgrading old instrumentation.



Snow and Ice Performance Measure



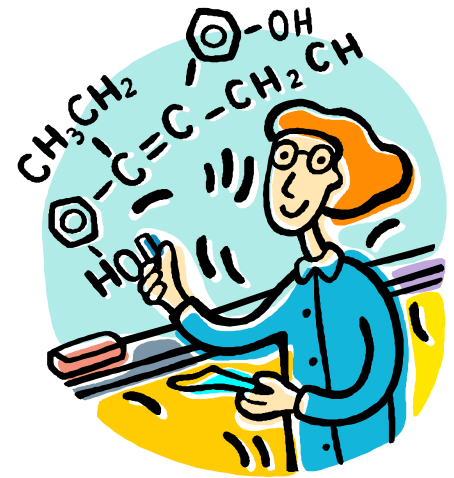
Snow and Ice Performance Measure

- Develop new performance measure around upgraded RWIS stations
- Factors:
 - Salinity
 - Road Temp
 - Air Temp
 - Relative Humidity



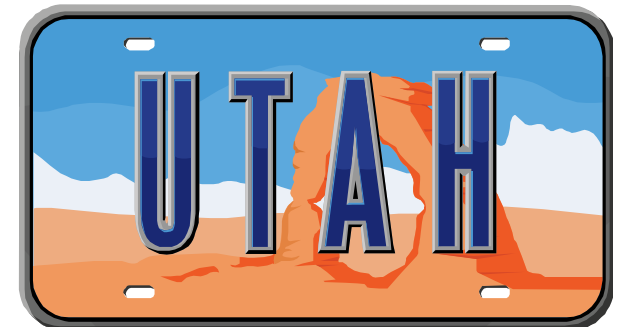
Snow and Ice Performance Measure

- Real-time data.
- Idaho Transportation Department.
- Developed a formula using RWIS sensors to reflect ice on the road.
- Allowing UDOT to use their formula.
- UDOT will develop a modified formula.



Snow and Ice Performance Measure

- Removes subjectivity.
- New performance measure will replace current MMQA measure.
- Will be used statewide.
- Give UDOT consistent measure.
- Better understand funding needed to maintain specific performance levels.



DAQ PM 2.5 Requirements



DAQ PM 2.5 Requirements

- Expanded to include additional areas.
- Will include more of I-80.
- Cannot use grit unless removed from roadway.
- Require special approval to not remove.
- Can be waved in cases of emergency.



THANK
YOU