Winter Maintenance and Road Reporting
Overview

- Purpose of winter reporting
- Road reporting procedures
- Accuracy and consistency
- Reporting majority condition
- Statistics
- Condition descriptions
- Plow safety outreach / education
Purpose of Winter Reporting

- Maintenance Responsibilities
- Safety
- Survey
- Traveler Information
Division Office Procedures

- Condition check
- Polling
- Database entry
- Report dissemination
- Update and repeat 😊
Headquarter Office Procedures

- Verify completion
  - Data entry
  - Report distribution
  - System updates
- 511
- Web
- Technical support
- Public inquiries
Accurate. Consistent. Timely.

- Why report the predominant roadway condition?
- Why report changes? Better or worse…
- MDT is the “go-to” for all things road
- Showcase winter maintenance
Call volumes and Winter maintenance activity

![Bar chart showing call volumes and MMS costs over time.](chart.png)
Trav Info Website

Stats (Oct 1, 2015 – October 1, 2016)

- Sessions: 2,501,627
- Users: 918,638
- Pageviews: 5,578,628
- Pages / Session: 2.23
- Avg. Session Duration: 00:01:40
- Bounce Rate: 56.06%
- % New Sessions: 34.40%
Statistics and more…

- Mobile app
  - Updated conditions critical to mission
  - Public outreach effort
- Cameras/RWIS
  - 66 cameras / 73 RWIS
- Snowplow Cams (Liveview)
  - Moved to prod / 12 total
- VMS
  - Software upgrade
## Condition Descriptions

### Line Conditions:
- 18  Severe Driving Conditions
- 38  Road Closed
- 39  Road Closed - NB
- 40  Road Closed - SB
- 41  Road Closed - WB
- 42  Road Closed - EB
- 45  Closed - Avalanche
- 21  Dry / Mostly Dry
- 22  Scattered wet
- 23  Wet
- 24  Scattered slush
- 25  Slush
- 26  Snowcover
- 27  Ice/black ice
- 28  Scattered snow and ice
- 29  Snow and ice
- 30  Frost
- 44  Closed for season

### Point Conditions:
- 02  High winds
- 03  Freezing rain
- 04  Snowfall
- 05  Reduced visibility
- 06  Blowing and drifting
- 07  Fog
- 11  Watch for fallen rock
- 12  Blocked lane/lanes
- 31  Areas of Frost / Ice
- 33  Chains for towing units
- 34  Chains for towing units - NB
- 35  Chains for towing units - SB
- 36  Chains for towing units - WB
- 37  Chains for towing units - EB
Wet
Frost
Snowcover
Scattered snow and ice
Slush / Snow/Ice?
Snow and ice
Ice/Black ice
Blowing and drifting
Reduced visibility
Good Driving Conditions
Fair Driving Conditions
Poor Driving Conditions
Severe Driving Conditions
Conditions that make travel extremely difficult, most likely a combination of the following; snow, ice, reduced visibility, drifting snow, etc.
Closure/Blocked Lanes
Comments or Questions?

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