

**STAY BACK,
STAY SAFE.**



Fast Facts – Winter Maintenance

- The Saskatchewan Ministry of Highways and Infrastructure has 85 winter maintenance sections located throughout the province and operates a fleet of more than 300 snow plow trucks.
- Saskatchewan highways are inspected frequently by Ministry staff to determine if snow plowing or salt/sand application is needed, and to report up-to-date highway conditions to the Highway Hotline. “Night Riders” review highway conditions around Regina, Moose Jaw, Saskatoon and Prince Albert travelling routes up to 500 km long to report conditions and treat snow and ice on a 24-hour basis.
- Highways in the province are prioritized for snow removal and ice treatment based on highway classification and traffic volumes (Annual Average Daily Traffic – AADT).
- **Level 1 – Inter-provincial routes and highways with greater than 1,500 AADT**
- The highest priority is given to major inter-provincial routes, commuter routes and highways that connect communities with populations of 3,000 or greater. For example, Highways 1, 7, 10, 11, 16, and 39 are Level 1 highways.
 - Snow removal is initiated as soon as practical or after 3 cm of snow has accumulated.
 - Snow is plowed from the driving lanes within six hours of the end of the storm. Additional time may be required in extreme circumstances.
 - Ice is treated or assessed for treatment as soon as practical and within six hours of the end of the storm.
- **Level 2 – Highways with an AADT between 300 and 1,500**
 - Snow is plowed from the driving lanes within 12 hours of the end of the storm.
 - Ice is treated or assessed for treatment within 12 hours of the end of the storm.
- **Level 3 – Highways with an AADT less than 300**
 - Snow removal commences as soon as resources are available without jeopardizing service on Level 1 or Level 2 highways and should be plowed within 24 hours of the end of the storm.
 - Ice is treated or assessed for treatment within 24 hours of the end of the storm.

Snow and ice removal equipment is mobilized before, during and after storms. Winter equipment operators are available 24-hours a day, 7-days a week.

- In very severe storms, equipment is pulled off the road for the safety of the operators and any motorists that may be on the highway. Environment Canada defines “zero visibility” as the ability to see less than 200 metres. Under this condition, highway maintenance equipment will not begin work on the road until visibility improves. Equipment already on the road may be removed when visibility is reduced to 100 metres.
- Wind almost always plays a factor in the severity of snow and ice conditions on a highway. Ground drifting is one of the most challenging aspects of winter maintenance. Applying salt or de-icing chemical when there is strong ground drift or heavy snow fall will cause snow to stick and crust on the road, forming ice and heavy ruts.
- In cold conditions a lot more salt is needed to melt ice. At temperatures below -6 C, road salt loses its effectiveness. For example at -1 C, 1 kg of salt will melt 46.3 kg of ice, but will melt only 3.2 kg of ice at -23 C.

Remember that it takes a much longer distance to stop on ice covered and snow packed roads. Slush surfaces require twice the distance, soft or loose snow takes three times the distance, and packed snow takes four times the distance. Ice covered roads can require up to 12 times the normal distance to stop your vehicle! Remember bridges and overpasses can be slippery when the rest of the roadway is not.

- The Ministry may temporarily close any section of highway(s) during, or as a result of, winter storm conditions in the interest of public safety due to limited visibility, obstructions on the roadway, or hazardous surface conditions. This could be as a result of zero visibility, snow blocked roads, snow drifts, ice-covered roads or traffic accidents which block the roadway.
- The **Highway Hotline** provides the public with up-to-date road conditions and highway driving information. During the winter months conditions are updated at 8 a.m., 10 a.m. and 3 p.m. or whenever there are known changes that affect driving conditions. This service is provided 7-days a week, 24-hours a day. Conditions shown are those that were current at the last report. Motorists are cautioned to be alert to changing conditions.

To view the highway conditions map or see a text report: www.highways.gov.sk.ca

For mobile devices: <http://roadinfo.telenium.ca/mobile.html>

Phone numbers:

- **SaskTel Cellular Network: *ROAD**
- **Across Canada: 1-888-335-7623**
- **Regina and area: 787-7623**
- **Saskatoon and area: 933-8333**