MANITOBA'S WINTER ROADS

Up North on Climate Conference
Thunder Bay
April 2018

Items for Discussion

- History of Winter Roads in Manitoba
- Winter Roads in Manitoba Today
- Mandate
- Construction & Inspection
- Policies & Procedures
- Changing Climate



History

- Built in the 1940's and 1950's.
- Supplies were hauled via "cat trains" to remote communities, fish camps and mining camps.
- Fish and other items were back hauled to be sold.









History

 Manitoba took over in 1971 with the entire Winter Road Program now being administered through the Department of Infrastructure

Manitoba's Winter Roads Northern Area Southern Area **MANITOBA WINTER ROADS CHEMINS D'HIVER** LES DISTANCES INDIQUÉES SONT APPROXIMATIVES POUR LES CHEMINS D'HIVER.



Mandate

- Delivery of Required Freight, Fuel and Goods
- Providing Access to 23 Remote Northern Communities
- Safety
- 23 Community based contracts/subcontracts provide Local Involvement











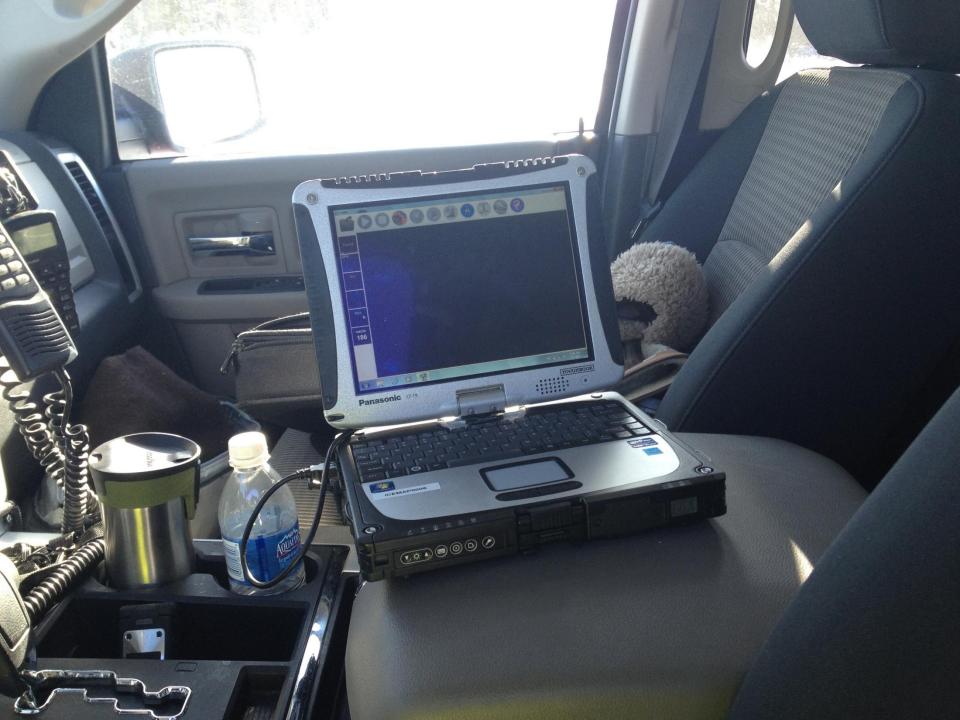
Over Ice Construction















Policies and Procedures

Manitoba Infrastructure has developed Videos for:

- Ice Safety
- WR Contractor Procedures
- Internal WR Inspectors Training
- Heavy Trucks & Public Use of WR's

We also conduct annual Winter Road Pre-Opening Meetings for Transport Companies, Suppliers, and other Winter Road users.

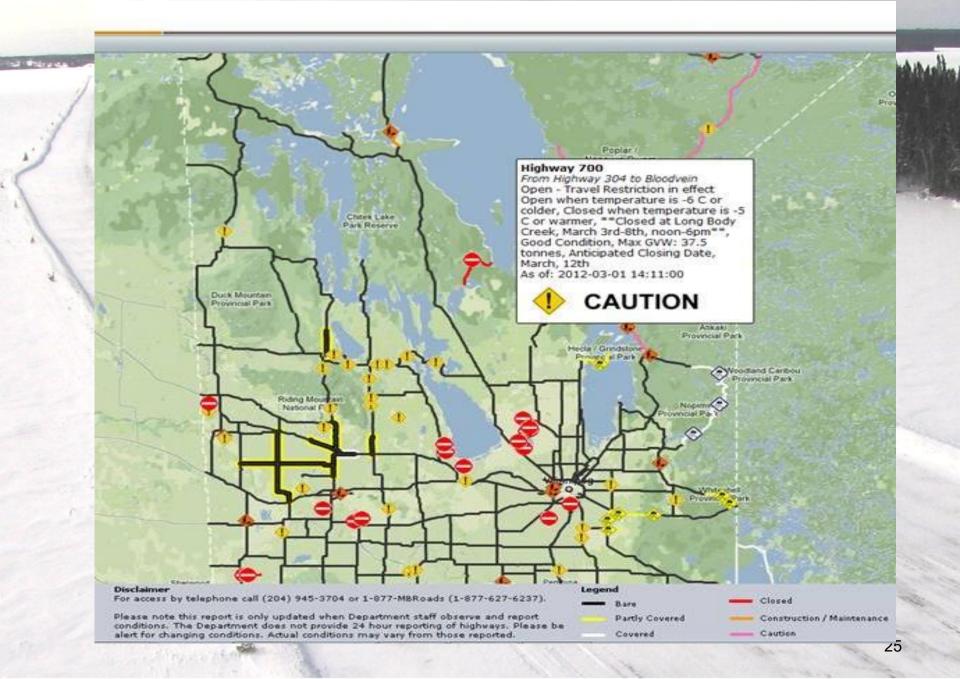
Policies and Procedures

- As "Owner", Manitoba sets standards, conducts inspections for contract specification adherence, road & bridge safety
- Sets weight limits and officially opens/closes winter roads
- Manitoba requires all commercial transfer companies to obtain and comply with the Manitoba Winter Road Permit conditions
- Contractor COR safety certification is required for all winter road contracts





Manitoba 511 Road Information Website





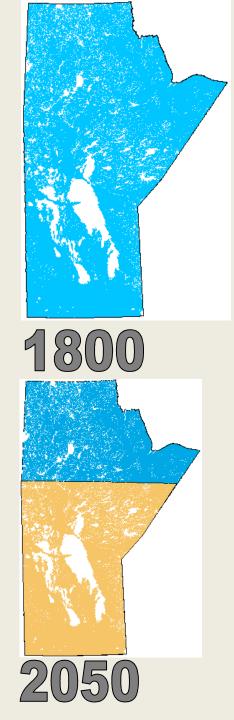
Shortened Winter Road seasons cause strain on trucking capacities as many of the remote communities in Manitoba and Northern Ontario rely on the same Transport Companies for freight delivery.

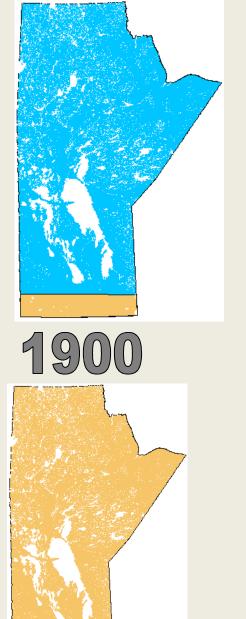


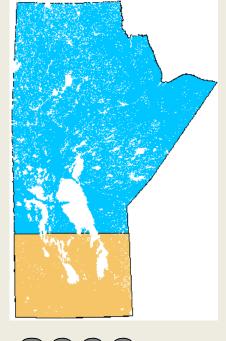
A Changing Climate











2000

- Cooler Climate
- Warmer Climate

A Changing Climate

The effects of climate change will result in the winter roads becoming progressively harder to construct every year. In the past decade, Manitoba has also increased safety factors for those working on ice.





















