



# Territorial Developments Round Table Report

*Task Force on Vehicle Weights and Dimensions Policy*

# Weigh Stations

- Yukon is in the process of updating some of its weigh stations.
- The Haines Junction scale is ready for demolition next summer and will be replaced with a modern building. In preparation for that event, the scale pit has already been moved, and the scale itself is functional again.
- The Whitehorse scale has received a new deck.
- There are plans to build a new scale in Dawson City in the future, though details are not available yet.
- A new computer system called uDrive is under development. It will link the scales with Motor Vehicles and National Safety Code and replace the current stand-alone systems. The final pieces of the new system will be rolled out in 2021.

# Yukon Intelligent Transportation Systems Modernization Project

- In partnership with Transport Canada through the National Trade Corridor Fund: Yukon Intelligent Transportation Systems Modernization Project, Government of Yukon will be acquiring and installing a weigh-in-motion system. This project is scheduled for year 9 &10 (2026/27 & 2027&28) of the project. Other enhancements that address efficiency in the carrier sector include:
  - System enhancements to the 511 traveller information system to identify bridge restrictions and allow for dynamic route guidance,
  - Wind advisory dynamic messaging to advise of adverse travel conditions in remote sections of Yukon's highway network.
  - Expansion of the Road Weather Information System (RWIS) network, for real time and forecasted weather conditions.

# BRIDGE STRUCTURES

- Many of Yukon's bridge structures are aging.
- Two new mining projects in central and northern Yukon are putting high demand on our highway and bridge infrastructure and our scale operations.
- We are seeing a significant increase in overweight and over-dimensional loads.
- The following slides will show what our engineers have accomplished with Yukon's bridge structures in the last year-and-a-half:

# BRIDGE STRUCTURES

1. Currently updating our bridge inspection and asset management programs over the course of the next 2 years (2018-2020)
  - Moving to the 'Ontario Structure Inspection Manual' (OSIM) methodology, including:
    - New bridge management system
    - Comprehensive two week OSIM training course for HPW staff
    - Consultant lead baseline OSIM inspections of our entire bridge network over a 2 year period.
2. Completed a jurisdictional review of overweight review and approval programs for select provinces in order to evaluate options for redesigning our overweight permit program.
  - Reviewing options for moving to an online permitting process and bridge formula approach.

# BRIDGE STRUCTURES

3. Completed professional surveys for the vertical clearance of all of our through truss bridges as an update to our vertical clearance policy.
4. Completed a load rating review of all our structures on our primary highway network and identified 12 structures for strengthening.
5. Completed the strengthening of 9 bridges in 2018
  - 8 bridges included strengthening of steel truss members
  - 1 bridge included strengthening of concrete girders with fiber reinforced polymer composite wrap system

# BRIDGE STRUCTURES

6. Strengthening of 3 bridges in 2017
  - 3 bridges included strengthening of steel truss members
7. Two concrete deck replacement projects in 2018
8. In the middle of replacing two bridges on our primary highway routes (in year 1 of a two year program).
9. Replaced two secondary road bridges in 2018.
10. Replaced one secondary road bridges in 2017.

# BRIDGE STRUCTURES

- As you can see, Yukon is now ready to take on even the biggest and heaviest loads:





# Yukon Logging



**Yukon**

**Thank you, and remember this:**

PLAN OF THE DAY

1. GET HOME  
SAFELY

2. TRY NOT TO END  
UP ON YOUTUBE

Yukon