

# Territorial Developments Round Table Report



Task Force on Vehicle Weights and Dimensions Policy

  
**Yukon**



## Weigh Stations

- Yukon is continuously updating its weigh stations.
- Watson Lake scales has upgraded its load cells to improve rolling weight collection.
- Watson Lake has regraded its scale pit for better drainage to offset icing in winter months.
- Whitehorse has updated its outdoor displays in both directions to better serve traffic flow.
- The Transportation Services Branch new unified computer system, YuDriv, has gone 'live' with the Motor Vehicles portion and Carrier Compliance module is scheduled for Spring 2020.
- Haines Junction Scale building has be demobilized pending replacement with an automated self weigh solution (TBD).



## Modernization Project

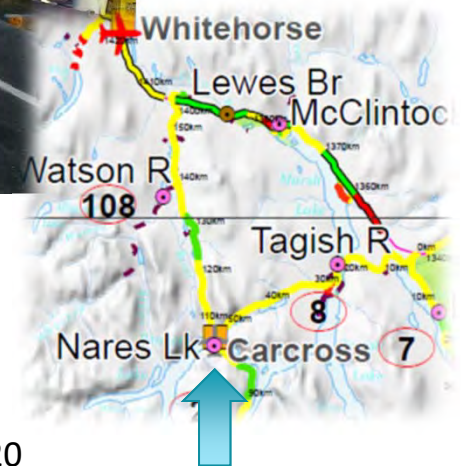
- In partnership with Transport Canada through the National Trade Corridor Fund: Yukon Intelligent Transportation Systems Modernization Project, Government of Yukon will be acquiring and installing a weigh-in-motion system. This project is scheduled for year 9 & 10 (2026/27 & 2027&28) of the project. 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 System hopefully will be developed along the Dempster. We are developing an ITS Engineering Services SOA to assist with technical design, anticipation is this will be next year.
  - Expansion of RWIS network. We currently have 5 sites, with 9 currently being installed into the network. 7 will be next year where they will be co-located with Frost Depth monitoring system in collaboration with Geotech unit (thermistors).
  - System enhancements are being developed with Campbell Scientific
- Yukon is looking at automated scale bypass systems. A presentation to Industry happened on November 7<sup>th</sup> 2019.
- Yukon is also in the process of issuing a 'Request for Proposals' for an over-dimensional advisory system at the Takhini River Bridge.



## Bridge Structures

- Yukon has been working hard on many bridge projects.
- Yukon's mining sector has increased as well as general Commercial Vehicle traffic and placed high demand on our highway and bridge infrastructure.
- Overweight and over-dimensional loads have increased by 50% over the past 10 years.
- The following slides will show some of the completed bridge projects our engineers have accomplished in the past year:





**Bridge Name:** Nares River (Naataase Héen) Bridge  
**Bridge km:** 105 North Klondike Highway  
**Type of Work Completed:** Full Replacement  
**Start Date of Construction:** March, 2018  
**End Date of Construction (Opening date of new bridge):** October, 20



**Bridge Name:** Fox Creek Bridge  
**Bridge km:** 228.3 North Klondike Highway  
**Type of Work Completed:** Full Replacement  
**Start Date of Construction:** February, 2019 (Not including 2018 detour work beside highway)  
**End Date of Construction (Opening date of new bridge):** September, 2019





**Bridge Name:** Wolf Creek Bridge (#2)

**Bridge km:** Wolf Creek Campground

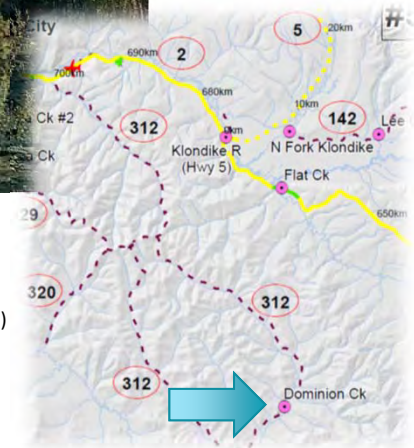
**Type of Work Completed:** Emergency Full Replacement

**Start Date of Construction:** March, 2019

**End Date of Construction (Opening date of new bridge):** April, 2019



**Bridge Name:** Dominion Creek  
**Bridge km:** Km 57.2, Hunker Granville Sulphur Loop Road #312  
**Type of Work Completed:** Bridge replacement (70' All-Steel Non Skidable) – GRS abutments.)  
**Start Date of Construction:** August 20, 2019  
**End Date of Construction:** August 30, 2019







## Bridge Rehabilitations

**Bridge Name:** Nisutlin Bay Bridge - Teslin

**Bridge km:** Km 1242 on the Alaska Highway (#1)

**Type of Work Completed:** Rehabilitation of the bearing pedestal on the southeast abutment and replacement of stringers and stringer connections at the floor system of the bridge.

**Start Date of Construction:** October 6, 2019

**End Date of Construction:** October 26, 2019

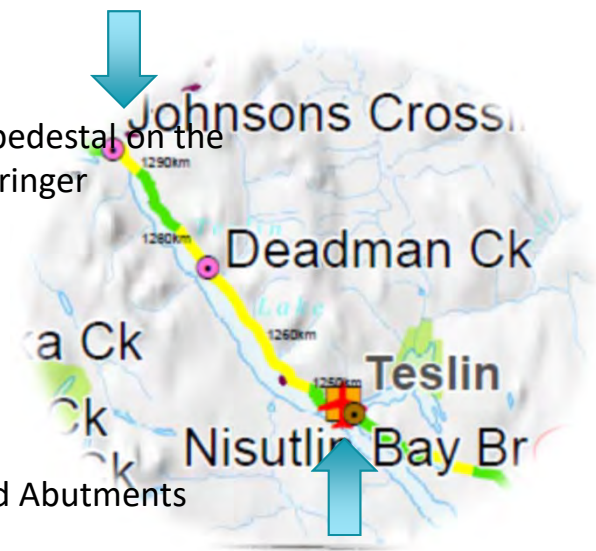
**Bridge Name:** Teslin River Bridge

**Bridge km:** 1296 Alaska Highway

**Type of Work Completed:** Rehabilitation of Pier Caps and Abutments

**Start Date of Construction:** May, 2019

**End Date of Construction:** November, 2019





Remember! No matter how wide you build it. Someone will need it wider.





# For Further Information:

Michael Kasprzak  
Manager, Carrier Compliance  
Whitehorse, Yukon  
Michael.Kasprzak@gov.yk.ca  
867-667-5920