

# Commercial Transport Updates

November 28, 2018



# Project Cargo Corridors

- Selection of 8 to 13 axle configurations pre-approved for travel between two Lower Mainland ports and the Alberta border
- Weights up to ~ 125,000 kg
- Dimensions up to 5 m wide, 4.88 m high, 50 m long
- Approvals include municipalities where needed
- Permit condition documents for each configuration on each route with bridge crossing and minimum traffic control requirements built in

# Pilot Car Initiatives

- Part I: Pilot Car Load Movement Guidelines have now been in use for one year
- Part II: Recommendations for modernizing our regulations for pilot car lights and signs have been agreed on with the other western provinces and are ready to go to legislative drafters
- Part III: A review of our travel time windows and numbers of required pilot cars for permitted loads is just beginning

## Pickups and Trailers

- Industry requests for increased use of pickups hauling large loads.
- We've commissioned research on dynamic performance measures for these combinations and expect to make some policy decisions early in 2019.

# Width and Length Reviews

## Width:

- 3.2 m limit on heavy haul trailers
- 3.2 m limit on wheeler equipment
- Using width to reduce height

## Length:

- 18.3 m kingpin to last axle limit
- Conveyor wheelbases
- Treatment of remote vs manned steering trailers
- Threshold for off-tracking analysis
- PC Corridor length limits
- 20 m load length for term permits
- Semi-trailers with steering axles (vs free-standing dollies)

# Reducible Load Overweight Policy

- Legal axle group weights with an increase in gross combination weight typically ranging from 10-25%.
- Comparison of proposed vehicle to an 8-Axle B-Train must generate a 5% reduction in pavement damage to transport one million tonnes of payload.
- Individual route approvals
- Significant uptake in the logging industry, using 9-axle B-Trains with 2.9 m bunks.
- Some challenges and growing pains, including compliance and requests to exceed the allowances in the policy.

## Wide Based Single Tires

445's:

- 7700 kg single axle
- 15400 kg tandem
- 23100 kg tridem

455's:

- 8500 kg single axle
- 17000 kg tandem
- 24000 kg tridem

## 60' (18.3 m) Semi-trailers

- A few approvals have now been issued to one client.
- Maximum tractor wheelbase 5.5 m
- Approvals have been for specific routes, primarily rail yard to distribution centre.