

Welcome

**The Ministry of Transportation and
Infrastructure is pleased to
welcome you to a information
session for:**

**Malakwa and North Fork Bridge
Improvements**

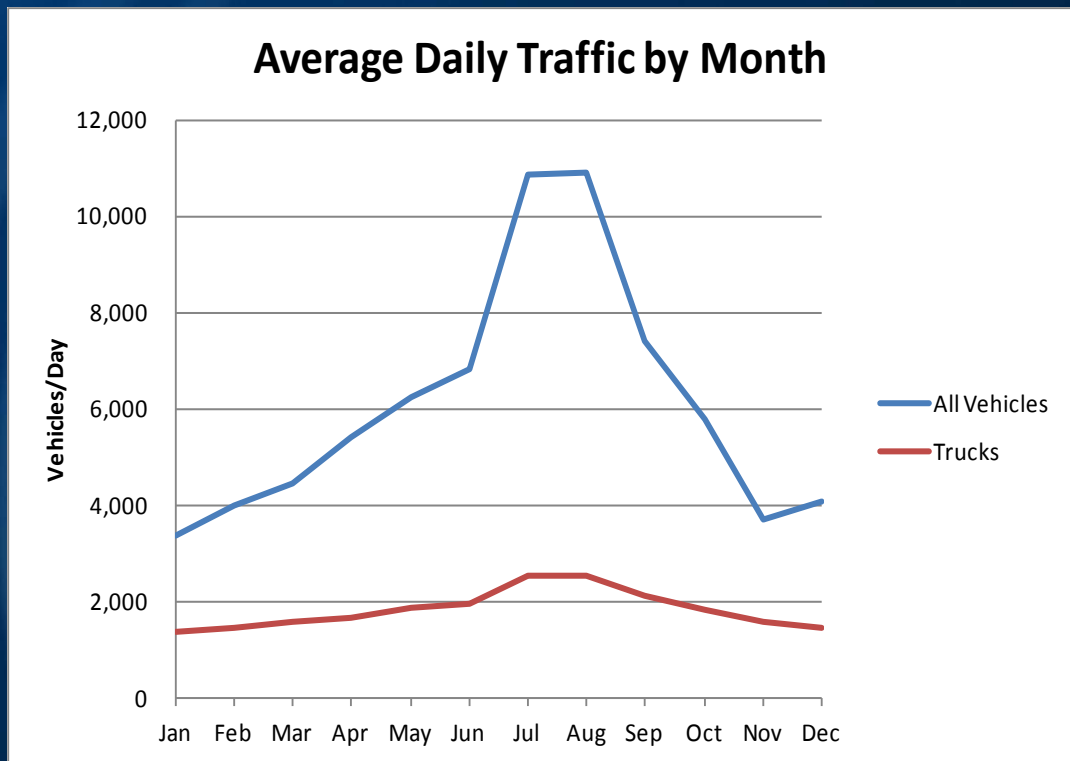
Project Planning

Your comments are appreciated



Existing Conditions: Traffic

- Average 6,000 vehicles per day (vpd)
- Nearly 11,000 vpd during summer
- 30% Trucks



Existing Conditions:

Mobility

- **Malakwa Bridge -63% time spent following other vehicles**
- **North Fork Bridge - 61% time spent following other vehicles**
- **Mobility issues result in:**
 - **Traffic queues with large platoons**
 - **Congestion and delays**
 - **Driver frustration**
 - **Unsafe passing maneuvers**



Malakwa Bridge Existing Conditions: Collision History

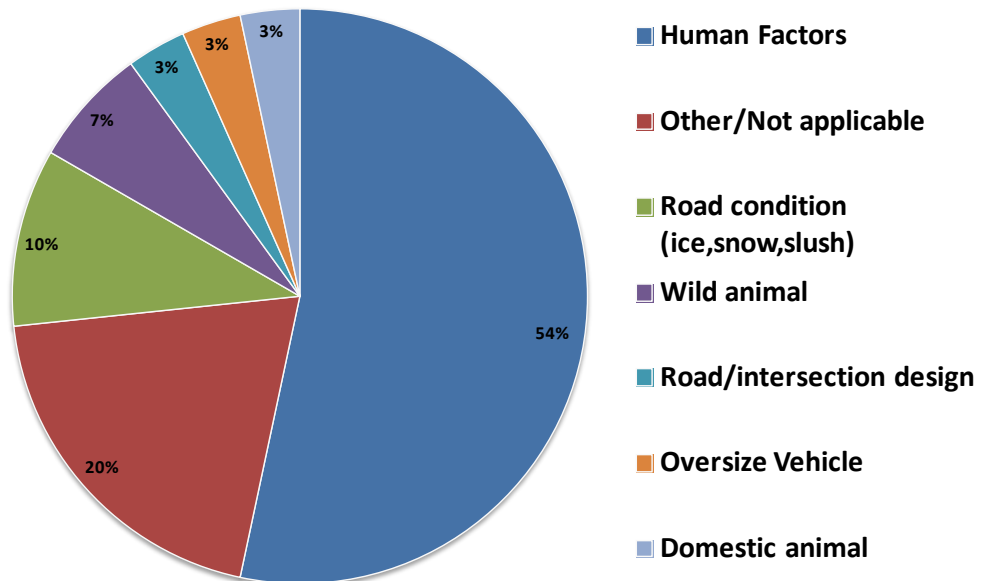
30 Collisions (between 2002 and 2011)

- 2 Fatal
- 12 Injury, and
- 16 Property Damage Only collisions

Common Contributing Factors:

- Driving too fast for condition
- Narrow bridge structure
- Driving without due care

Primary Contributing Factors LKI 962 KM 20.1-22.91 (2002-2011)



North Fork Bridge Existing Conditions: Collision History

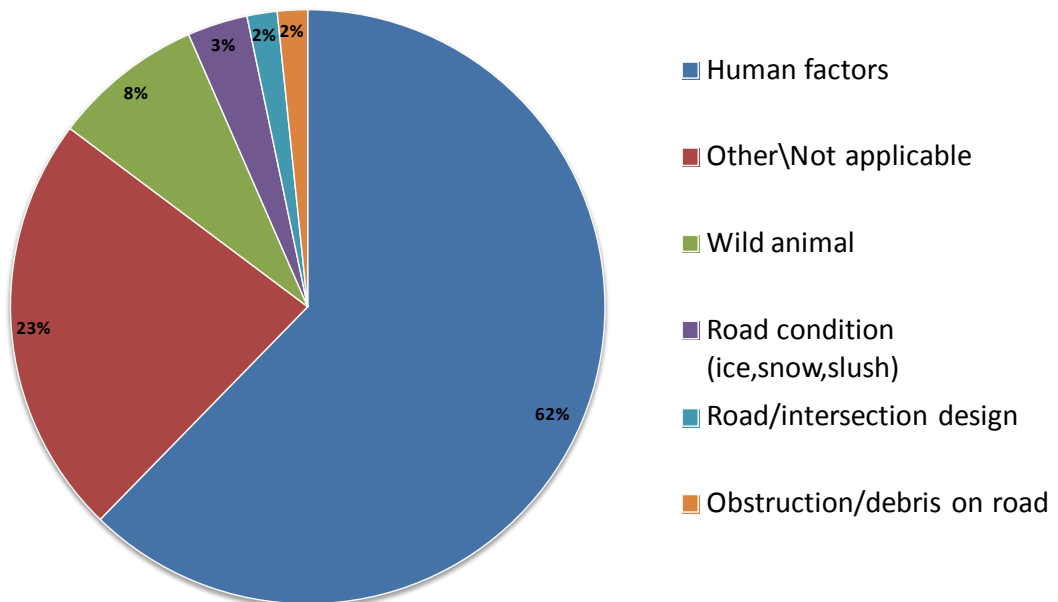
61 Collisions (between 2002 and 2011)

- 1 Fatal
- 15 Injury, and
- 45 Property Damage Only collisions

Common Contributing Factors:

- Driver Inattentive
- Unsafe Speed

Primary Contributing Factors LKI 962 KM 26.7-30.9 (2002-2011)



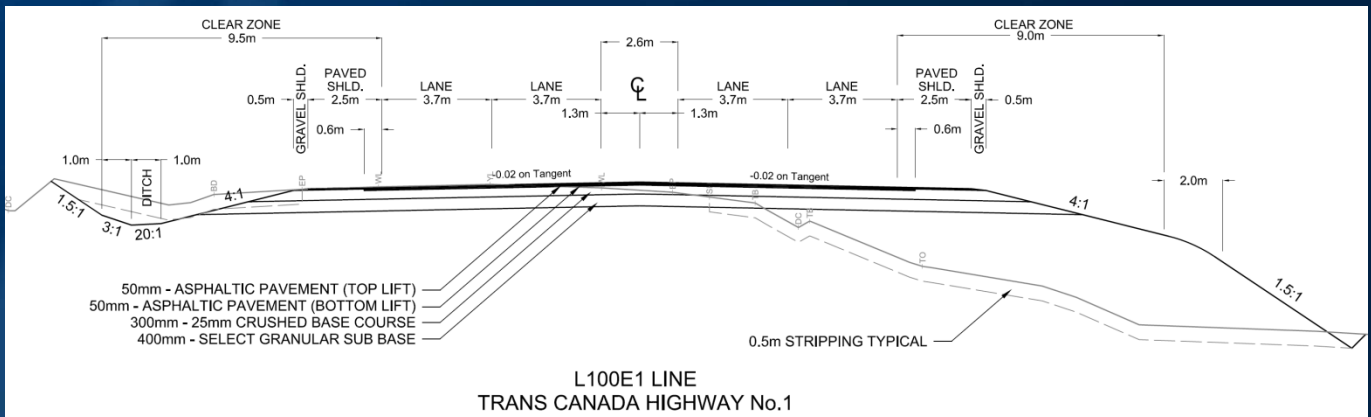
How Did We Arrive At This Concept ?

Highway planning improvements are optimized through consideration of the following criteria:

- Corridor mobility
- Stakeholder input
- Safety improvements
- Property and agriculture impacts
- Alignment
- Constructability
- Traffic management
- Capital costs
- Environment

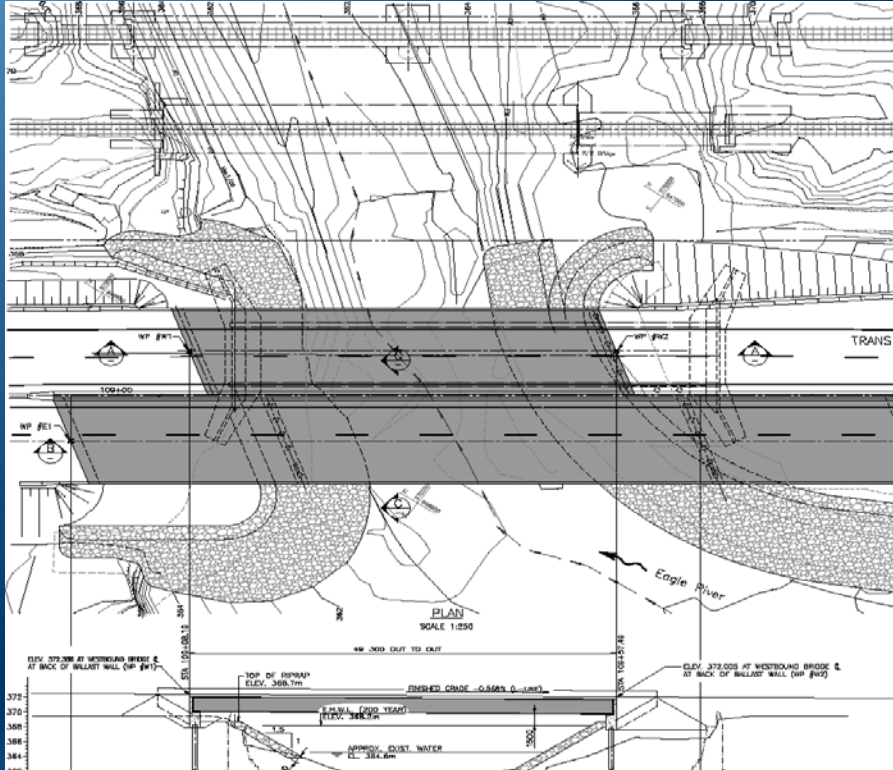
Design Specifics

- Malakwa Bridge Project - Upgrade 2.7 km to a four lane cross section
- North Fork Bridge Project - Upgrade 3.4 km to a four lane cross section
- New four lane bridges
- Providing a 2.6 metre wide median
- Providing 2.5 metre wide paved shoulders
- Rumble strips

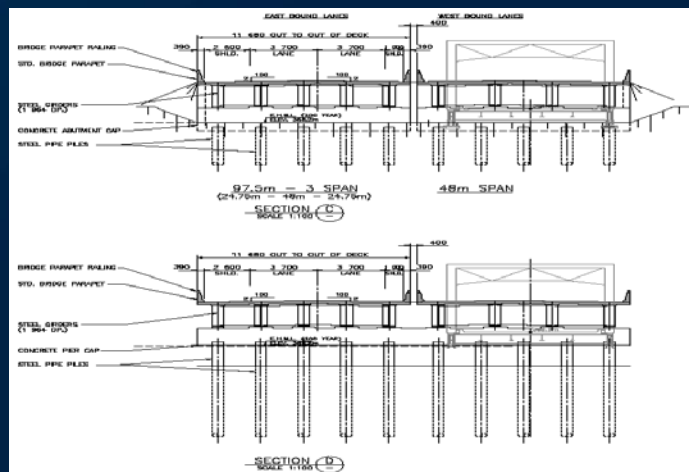


Improve safety, mobility
and corridor economic development

Malakwa Bridge Concept



- 2 - 3.7 metre travel lanes
- 2.5 metre shoulder



Benefits

- **Four lanes with wider shoulders, paved median, rumble strips and clear zone areas provides assured passing and improves safety**
- **Wider four lane bridge eliminates the pinch point related to the narrow existing two lane structure**
- **Eliminate risk of load-restriction associated with the aging structure**
- **Improved access management will allow safe movements onto and off of the highway**
- **Improved Pedestrian and Cyclist accommodation with widened shoulders.**

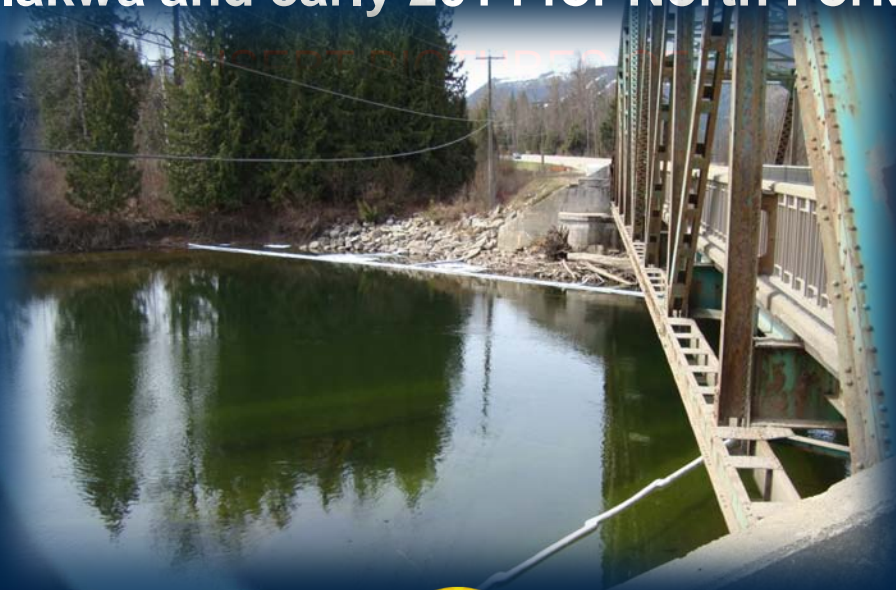


**Improve safety, mobility
and corridor economic development**



Environmental Considerations

- A detailed archaeological impact assessment will be completed early 2013 for Malakwa and summer 2013 for North Fork
- A detailed environmental impact assessment will be completed early 2013 for Malakwa and summer 2013 for North Fork
- A detailed environmental mitigation plan will be developed during the Design Phases for both projects
- Applications for all environmental regulatory agency approvals will be initiated in early 2013 for Malakwa and early 2014 for North Fork



NEXT STEPS

- **Proceed with the design**
- **Conduct Value Engineering study of the design**
- **Conduct Road Safety Audit**
- **Continue consultation with First Nations**
- **Continue consultation with the stakeholders**
- **Initiate Property Acquisition Process**

THANK YOU

**Please provide your feedback
by completing a comments form**

