



Ministry of
Transportation
and Infrastructure

Highway 4 Emergency Access Route Study STATUS UPDATE

Presented to the ACRD Transportation Committee

July 30th 2024

Agenda

- Introductions
- Study Overview
- Summary – Phase 1
- Looking Ahead – Phase 2
- Next Steps

Study Overview

- Purpose
 - Identify & evaluate potential emergency access routes
- January 2024 - Parsons retained
- Scope of work includes:
 - Phase 1: Background Data
 - Phase 2: Route Evaluation
- Anticipated completion early 2025

Phase 1 - Scope

1. Review past studies
2. Assemble mapping (LiDAR) and background data
3. Assess effectiveness of 2023 emergency route

1. Review Past Studies

- Served as a starting point for this study
- Previous routes considered included:
 - Horne Lake Connector
 - Comox Lake Connector to Cumberland
 - Bamfield Road

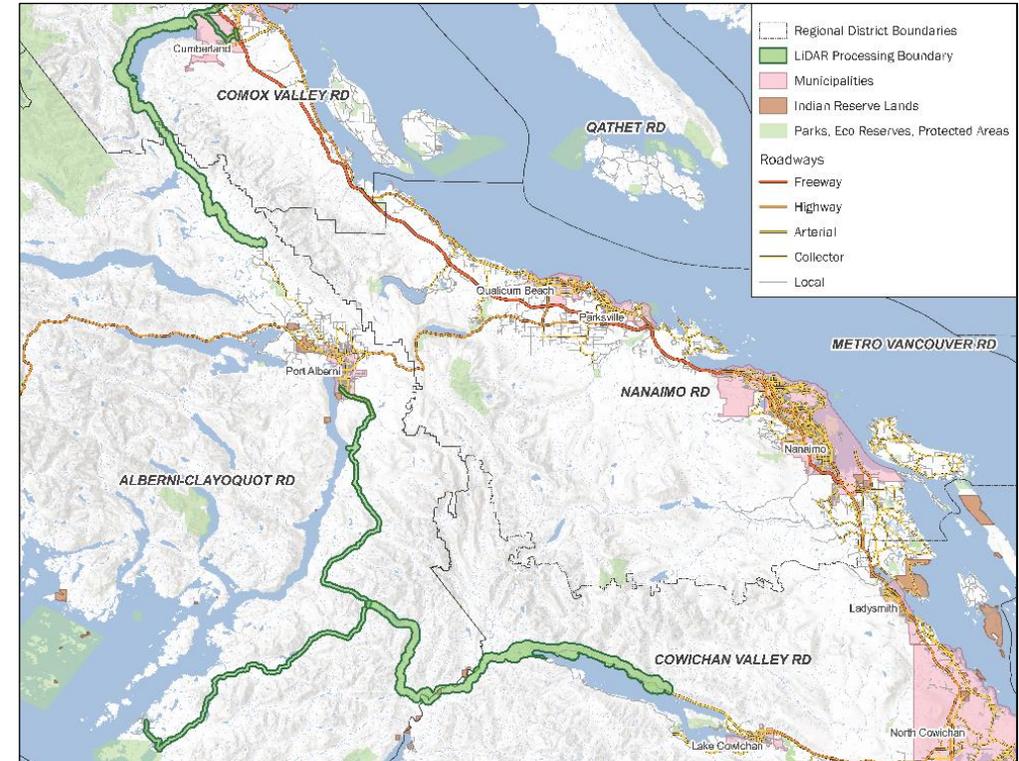


FIGURE 3.1: LIDAR AND ORTHO PHOTO ROUTE DATA

2. Assemble Mapping & Background Data

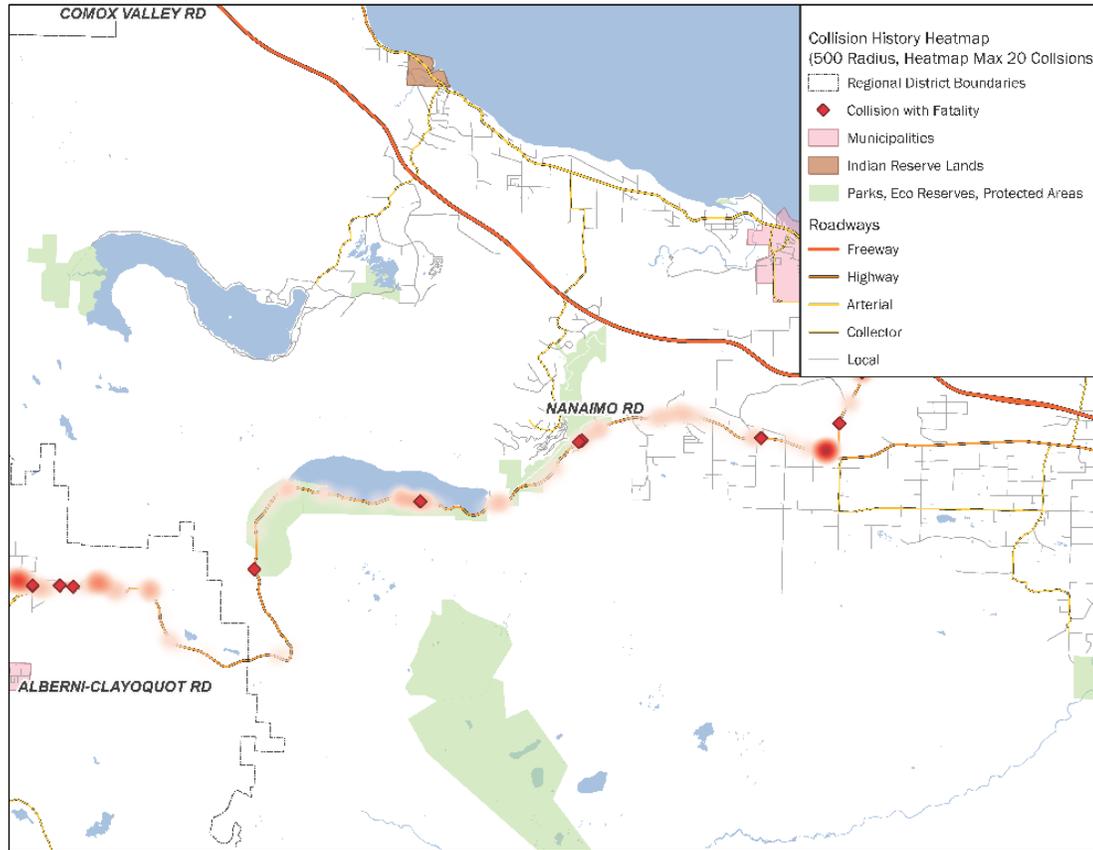


FIGURE 3.2: 2018 – 2023 HIGHWAY 4 COLLISION HISTORY HEATMAP

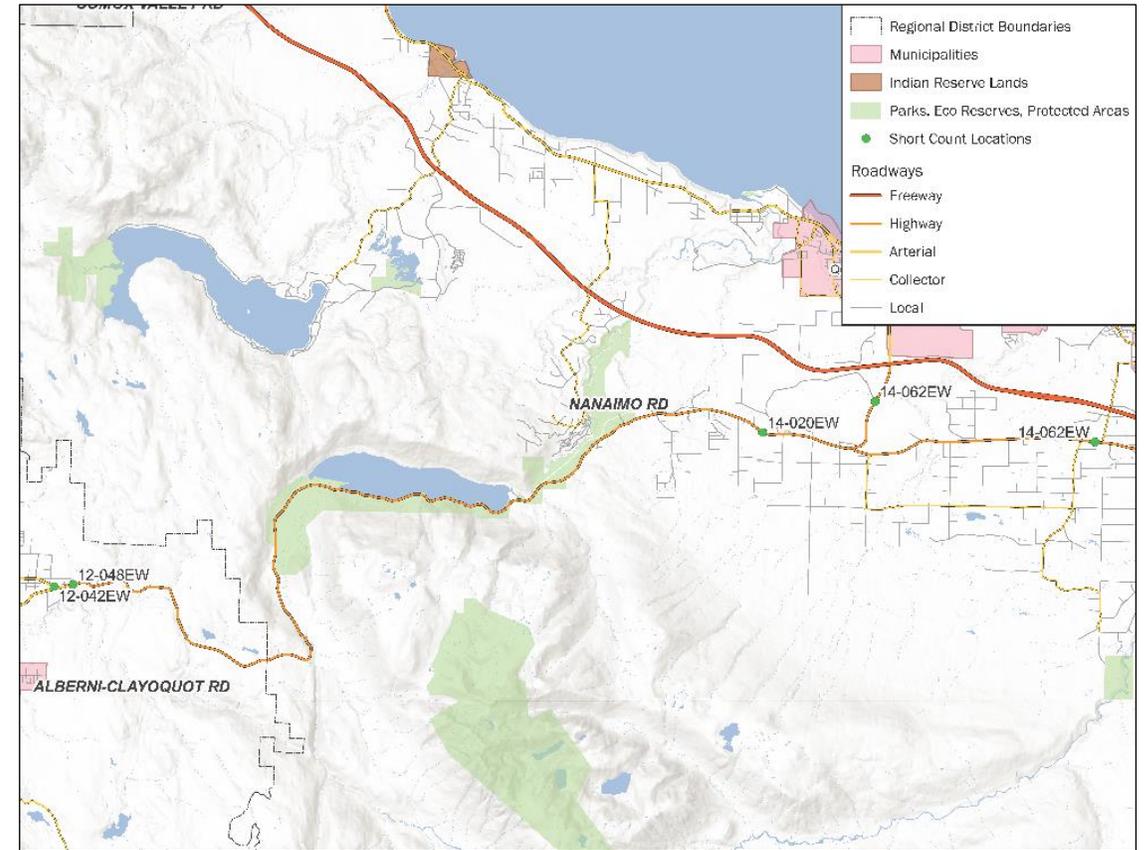
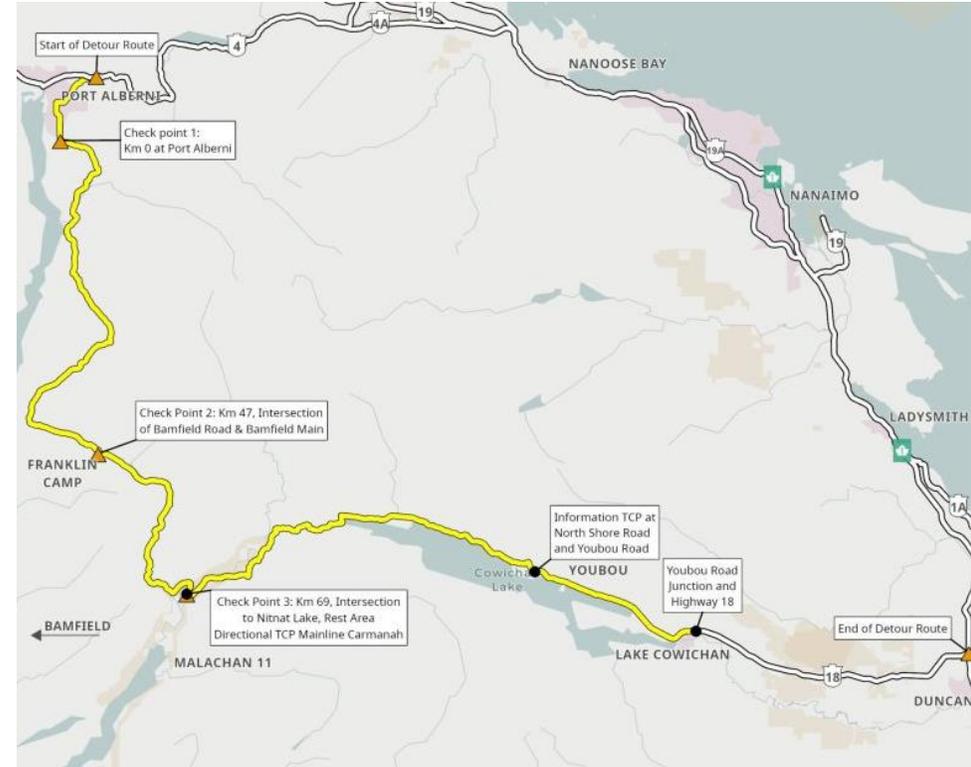


FIGURE 3.3: BC MOTI SHORT COUNT LOCATIONS

3. 2023 Emergency Route

- Comprised of public, private & industrial roads
- Activated June 6th to August 31st
- Average ~1,000 vehicles/day



Looking Ahead – Phase 2



- Various routes identified for further assessment in Phase 2
- Routes verified by LiDAR

Next Steps

- Initiate Phase 2:
 - Option evaluation
 - Field verification of conditions
 - Technical memorandum
- Report back early 2025