

# RAPTORS AND HIGHWAYS

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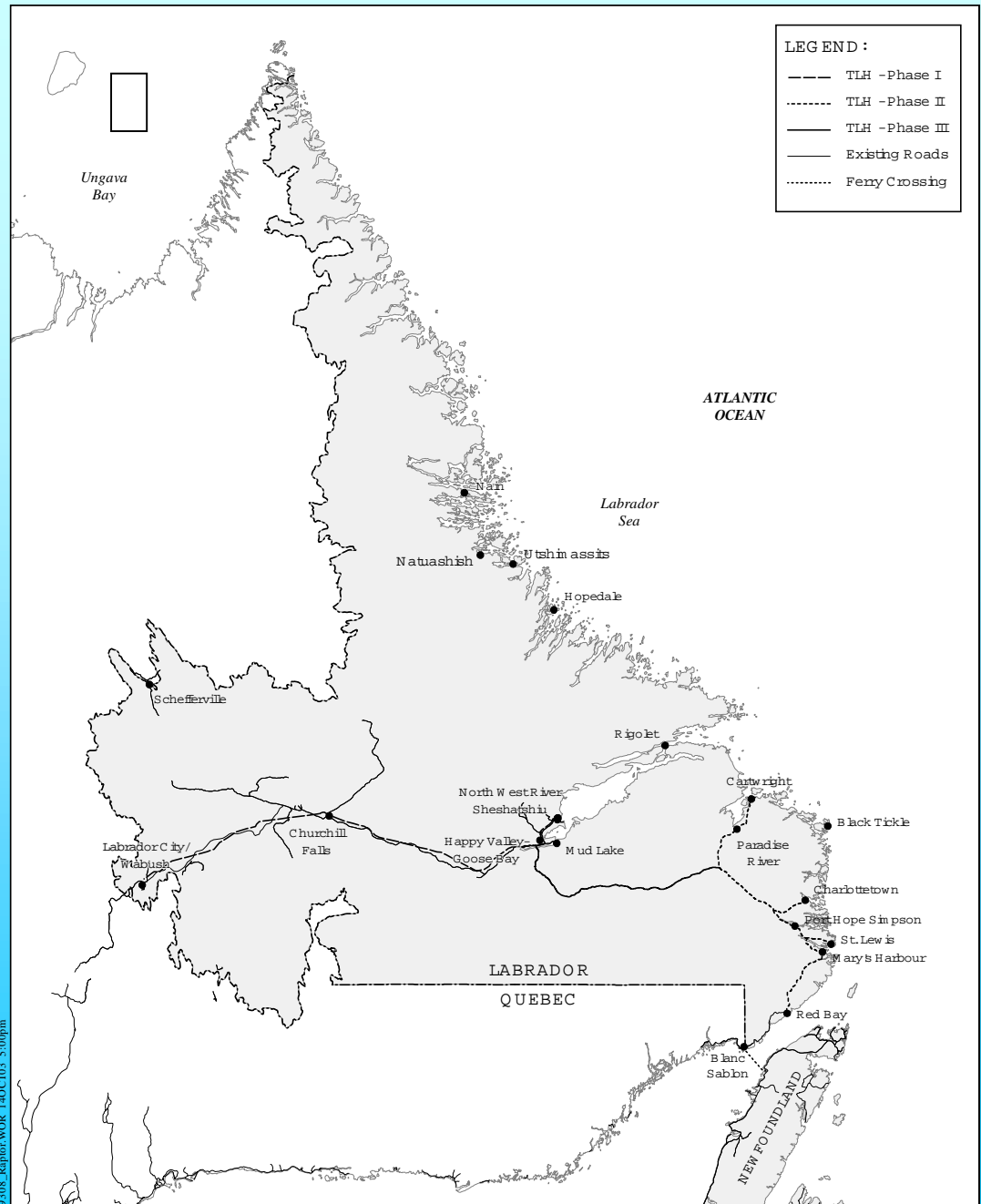
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# BACKGROUND

- EIS for Trans Labrador Highway Phase II (Red Bay to Cartwright) completed in 1998
- Construction of Phase II from 1999 to 2003
- Trans Labrador Highway Phase III (Cartwright Junction to Happy Valley - Goose Bay) currently undergoing environmental assessment
- Construction of Phase III from 2004 to 2009

# Labrador Highways



# Raptor Surveys

- completed for TLH Phase II and Phase III
- aerial helicopter surveys following pre-determined routing marked on 1:50,000 topographic maps
- areas of potential nesting habitat searched within a 2-km corridor along the proposed highway routing

# Phase II Survey Results

- eight osprey and two rough-legged hawk nests identified
- two osprey nests and two rough-legged hawk nests active
- none within the proposed highway right-of-way

# Phase III Survey Results

- Two routing options surveyed
- 33 osprey nests and one bald eagle nest along preferred route (within the 2-km survey area)
- 13 osprey nests along outfitter route (within the 2-km survey area)

## Phase III Survey Results (cont.)

- On Preferred route, 25 osprey nests within 800 m of centre line, 8 of these within 200 m and 5 within 50 m
- On Outfitter route, 8 osprey nests within 800 m of centre line, 2 of these within 200 m and none within 50 m

# Guidelines for Construction Around Raptor Nests

- guidelines produced for forest harvesting by the Inland Fish and Wildlife Division
- no construction within 800 m of an active osprey or bald eagle nest during the nesting period
- outside nesting period, 200 m vegetation buffer maintained around nests

# Mitigation Applied by WST

- annual pre-construction survey for active raptor nests within 800 m of construction zone
- consultation with Inland Fish and Wildlife Division regarding nest structures identified during surveys
- locations of raptor nests not disclosed to the public

# On the Ground: Osprey Nest at Paradise River

- routing of Phase II highway near Paradise River adjusted approximately 50 m to increase distance of the highway from an occupied osprey nest
- highway approximately 200 m from the nest which was re-occupied the year following construction in this area



## On the Ground:

### Osprey Nest at Petite Forte

- osprey nest approximately 175 m from new access road to Petite Forte
- following consultation with Inland Fish and Wildlife Division, nest was left alone and monitored
- osprey re-occupied the nest in the year following construction