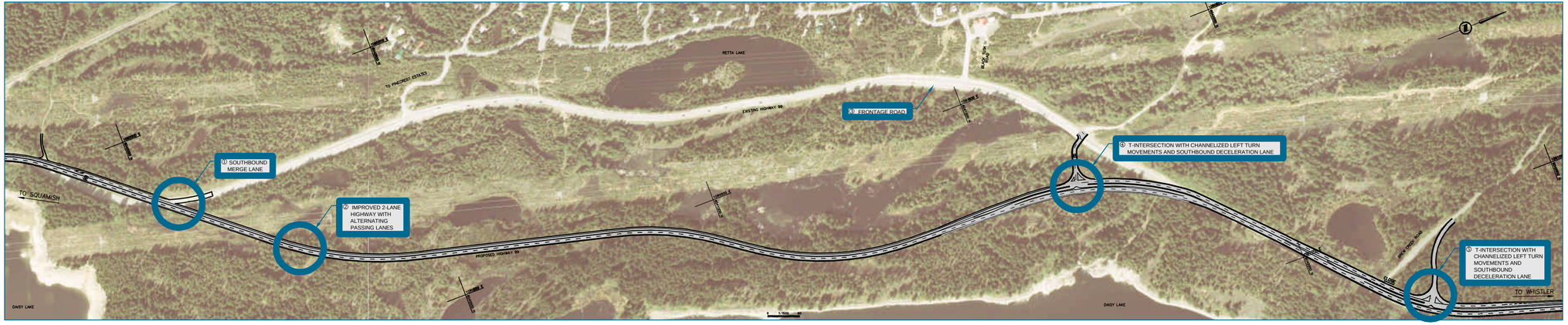

Option C Major Re-alignment

Key Characteristics are:

- *New improved 2-lane highway with alternating passing lanes, on by-pass alignment away from the existing highway (2)*
- *Consolidation of Pinecrest, Black Tusk and MacDonald accesses by using the existing highway as a frontage road (3)*
- *T-intersection near Black Tusk and at Brew Creek access will have channelized left turn movements and southbound deceleration lanes to improve turning movements in and out of the communities (4 and 5)*
- *Southbound merge lane off frontage road (1)*
- *Preliminary cost estimate $8.4 million.*

Primary goals for the Sea-to-Sky Highway Improvement Project are to :

- *Achieve safety improvements*
- *Achieve reliability improvements*
- *Complete the project by late 2009*
- *Manage traffic flows during construction to minimize disruption and to maximize predictability*
- *Remain within the project budget of $600 million*

Option C Evaluation

	Community Issues	*Benefits/Results*
Safety/Access	• *Poor site lines make entry and exits unsafe* • *Lengthy delay entering highway during heavy traffic* • *Safe location for public transit stop*	• *Improved intersections and alignment to permit safer vehicle movements.* • *Consolidation of accesses to new intersection near Black Tusk. Southbound merge lane from frontage road provided.* • *Frontage road available for transit stops.* • *New highway is in the Rubble Creek Landslide Hazard Area.* • *Safety and reliability improvements, including geometric improvements, meeting all MoT STS Highway design standards.*
Water Supply	• *Risk to water supply from adjacent highway surface run-off* • *Hazardous material spill during traffic accidents*	• *New alignment is well removed from Retta Lake drainage.* • *Local traffic only on frontage road.*
Noise	• *Increased noise from heavy traffic* • *Noise from construction*	• *Grade improvements to reduce engine noise. New pavement surface will reduce tire noise. Baseline noise levels are within MoT policy limits.* • *Highway alignment moved approximately 250m away from communities.*
Environmental	• *Protection of natural environment* • *Intruders, vandalism and community security*	• *New highway alignment impacts untouched areas of vegetation but avoids wetlands. Habitat loss, changes in movements and mortality for mammals and amphibians but impacts can be mitigated. Low fisheries impact.* • *Parking could be prohibited on frontage road.*

sea-TO-SKY HIGHWAY IMPROVEMENT PROJECT

Pinecrest and Black Tusk Pre-Design Consultation

October 2004