



HIGHWAY 1 KAMLOOPS TO ALBERTA FOUR-LANING PROGRAM

Chase Creek Road to Chase Four Laning: Preliminary Design Options

Option 3 • At-Grade Protected T Intersections at Shuswap Chase Creek Road and Shuswap Avenue West

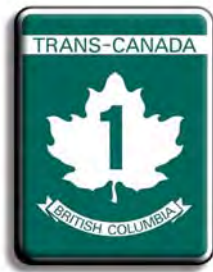
For this option, the new four-lane highway alignment would follow along the existing highway, with the existing Shuswap Avenue intersection closed in favour of a new protected T intersection approximately 200 m further east. The Harper Lake Road and Shuswap Chase Creek Road intersections would be combined into a new protected T intersection. VLA road would be connected to Planter Road, which would have a right in/right out restricted movement.

The benefits of this options include:

- ✦ Good access to businesses along Shuswap Avenue
- ✦ Protected T intersections provide improved safety and traffic mobility compared with conventional at-grade intersections
- ✦ Is the most cost effective option at \$47 M (\$1 M less than the preferred option)

The cons of this concept include:

- ✦ Will have less traffic and safety benefits than preferred option due to three at-grade intersections on the highway
- ✦ Local traffic between Neskonlith I.R. and the Village Chase would travel along the highway
- ✦ Poor pedestrian/cyclist connection between Neskonlith I.R. and the Village of Chase
- ✦ Increased private property impacts
- ✦ Impacts to the Village of Chase Wastewater Treatment Facility
- ✦ Increased impacts to agricultural lands
- ✦ Has large quantity of surplus material during construction that would require disposal
- ✦ Median merge distance between Protected T intersection and the highway transition from four lanes to two lanes is less than desired
- ✦ Side roads would still have long waits to enter highway during peak traffic times
- ✦ Widening along existing highway will result in traffic delays during construction



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