

Addendum to Appendix L

Noise Technical Report

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1.0 ENVIRONMENTAL CONSEQUENCES

This addendum includes Alternative 2B specific noise impacts. The Appendix L *Noise Technical Report* prepared for the Supplemental Draft EIS contained specific receptor impacts for Alternative 2 only. This addendum reflects results from the noise analysis done for Alternative 2B.

1.1 Noise Impacts for Alternative 2B

There are three sensitive noise receptors close to the highway alignments for project alternatives on the east side of Lynn Canal that are outside the limits of existing urban development: Echo Cove campground, Adlersheim Lodge, and the USFS cabin in Berners Bay. The *Noise Technical Report* provided a worst-case analysis of project noise impacts at these receptors in 2038 based on projected peak noise-hour traffic volumes for Alternative 2. Because this alternative has been eliminated from consideration, a new noise analysis was conducted at these sensitive receptors for Alternative 2B, the preferred alternative. Differences in projected 2038 peak noise-hour traffic volumes for Alternative 2 and 2B at these receptors are listed below.

Table 1
2038 Projected Peak Noise-Hour Traffic Volumes at Specific Sensitive Receptors

Sensitive Receptor	Alternative 2	Alternative 2B
Echo Cove Campground	228	174
Adlersheim Lodge	193	139
Berners Bay Cabin	212	153

The reduced peak noise-hour traffic with Alternative 2B also reduces the worst-case traffic noise level at the sensitive receptors by approximately 1.4 average-weighted decibels (dBA) equivalent sound level (L_{eq}). Therefore, Alternative 2B would result in the following worst-case peak noise-hour noise levels at the three sensitive receptors:

Echo Cove Campground 44 dBA L_{eq}
Adlersheim Lodge 59 dBA L_{eq}
Berners Bay Cabin 47 dBA L_{eq}

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