

6.0 Evaluation of Alternatives

As previously mentioned, the alternatives developed for the project in conjunction with the Level 1 screening process were presented on September 10, 2008 to an Advisory Committee comprised of representatives from Pierce County, Kitsap County, Tacoma Power, Peninsula School District, Key Peninsula Parks, the City of Gig Harbor, Pierce Transit, various homeowners associations, and local residents. The alternatives were also presented at public open houses on September 25, 2007 and on December 4 and 6, 2007.

WSDOT and the consultant team reviewed and evaluated the alternatives on September 26, 2008 through the Level 1 screening process. The evaluation utilized a detailed process to determine and compare the overall performance of each alternative. The process defined the critical performance attributes, which included the following:

- SR 302 mainline operations and safety
- Operations and safety on local roads
- Environmental impacts
- Corridor maintainability
- Construction impacts
- Project schedule
- Corridor travel times

These critical attributes were then scored relative to each other for each alternative to obtain a cumulative performance score. The results indicated that five of the nine alternatives provided better overall performance compared with other alternatives. The complete evaluation process and results are contained in Appendix D.

On October 20, 2008 the advisory committee was convened again to assist in the weighting of the attributes developed by the screening team. The committee provided input on each attributes weight to be considered in the final performance scoring of each alternative. The results were incorporated into the final scores reflected in Appendix D.