

8.0 Summary and Recommendations

The goal of the Level 1 screening process was to evaluate the nine alternatives and quickly and efficiently screen each alternative. The screening process used the advantages and disadvantages identified by the project team for each alternative, along with the overall goals developed for the project (increasing mobility, capacity, and safety, and addressing regional connection issues).

Based on the Level 1 analysis and review of the alternatives, the following information was concluded:

Alternative	Project Cost	Performance Scores
Alt #1 - South Bridge	\$641 M	371
Alt #2 - Existing SR 302 Alignment	\$129 M	321
Alt #3 - Power Line	\$323 M	495
Alt #4 - North Bridge	\$272 M	557
Alt #5 - Spruce Diagonal	\$62 M	607
Alt #6 - Pine Diagonal	\$56 M	596
Alt #7 - Pine/118th Avenue	\$56 M	548
Alt #8 - Oak/Sydney	\$77 M	398
Alt #9 - Oak/118th Avenue	\$65 M	409

Based on the results obtained from the Level 1 screening, HDR recommends that Alternatives 1, 2, 8, and 9 be removed from further evaluation. The following four alternatives have been identified as the most viable and will be carried forward for further evaluation during the Level 2 Screening Process:

- Alternative 3 – Power Line.
- Alternative 4 – North Bridge.
- Alternatives 5 and 6 – Spruce Diagonal and Pine Diagonal are very similar in cost and location; they will be combined and will be further evaluated as Alternative 6.
- Alternative 7 – Pine/118th Avenue.

The Level 2 screening analysis will be both a qualitative and quantitative analysis of each alternative, and will include preliminary traffic forecasting and a more detailed environmental review.