

Appendix C: Safety and Suitability Matrix

BSC group segmented viable potential routes by natural breaks (intersections, logical termini, crossings, etc.) and general prospective trail type:

- ▶ Bike Lane/ Shared Travel Lane
- ▶ Off Road Trail
- ▶ Rail With Trail
- ▶ Renovate Existing Surface
- ▶ Roadside Bidirectional Trail
- ▶ Crossing Structure

The result was 82 individual trail segments throughout the corridor that were deemed to be viable for potential trail routing.

BSC Group developed a trail safety and suitability matrix to assess each of the trail segments based on several variables. The purpose of the matrix was to facilitate direct comparison of trail segments with varying attributes. Each segment was scored based on several variables selected to assess the safety, accessibility, connectivity, and environmental impact of each segment, and scores for each variable were totaled to provide a "Safety and Suitability" score for each segment on a 100 point scale.

Trail segments were assessed separately for ROW / potential property impacts and construction cost.

