

16. PRELIMINARY DESIGN CRITERIA

Basic criteria have been used for the feasibility design, but have been modified throughout the studies as more data has been gathered.

In order to proceed into final, detailed design two key documents must be produced. The first is the “Owner’s Requirements” prepared by AEA in conjunction with the Railbelt Utilities, the project operator, and any combined transmission company that may be formed. The second is the Detailed Design Criteria that will reflect the detailed engineering requirements derived from and responded to the Owner’s Requirements, these studies, and the results of the final site investigation and Geotechnical Data Report.

At this stage, Preliminary Detailed Design Criteria have not been completely documented, because much of the content is an extraction of the contents of this feasibility report, and because the site investigation has not been completed. However, elements of the Detailed Design Criteria are attached as Appendix B12 to provide a basis for future development.