

ENGINEERING AND OPERATIONS

Report: 17. Peace River Site C Hydro Project - Powerhouse Access Road & Bridge

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Summary: Access to the potential Site C dam site, specifically the powerhouse located on the south bank of the Peace River, would require construction of an access bridge over the Peace River downstream of the proposed dam site. In addition, an access road to and from the bridge on the north and south banks of the river would be required.

During Stage 2, Klohn Crippen Berger Ltd. and SNC-Lavalin Inc, together with Urban Systems, developed conceptual level and functional level designs for these aspects of the project. The powerhouse access road and bridge have both been designed to current Ministry of Transportation and Infrastructure design standards.

This report presents the functional design details of the powerhouse access road alignment and the conceptual design details of the powerhouse access bridge developed during BC Hydro's Stage 2 work on the Site C project.