

ENGINEERING AND OPERATIONS

Report: 16. Peace River Site C Hydro Project – Highway 29 Relocations

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Summary: If Site C were to proceed, four segments of Highway 29 would be flooded by the reservoir. The realignment options at Lynx Creek, Farrell Creek, Halfway River and Cache Creek, previously identified in the 1980s, were updated to current Ministry of Transportation and Infrastructure design standards.

Two types of water crossings were considered for each realignment segment: a short concrete bridge supported on piles with a long embankment, and a long concrete bridge supported on piles with a short embankment. Each of the four crossings were examined based on costs, design and materials.

Further consultation and study would be required to determine feasibility, potential impacts on private property, the environment and heritage resources if the project were to proceed. No preferred alignments were identified in Stage 2.