



July 9, 2015

Gjoa Haven, NU Swan Lake River Bridge Construction
Non-Technical Project Description in English

The proposed bridge is a permanent structure located 8 km from Gjoa Haven, where an existing trail crosses the Swan Lake River. The trail leads to rich hunting grounds and places of community gatherings.

The proposed Bridge is 27m long steel structure with 4.5m wide timber deck. There is a protective guard rail on both sides of the deck. Traffic ranging from ATVs to Dump Trucks and heavy construction equipment can travel on the bridge.

The abutments of the Bridge are steel bin boxes in-filled with mixture of gravel and cement. Armour rock is placed around the abutments to prevent from washout and ice damage.

The construction of the bridge will be completed exclusively by local equipment and labour. The construction will be done in two phases. Abutment construction will be done within two weeks in September 2015 and the Bridge structure will be installed within a week in April 2016.

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