

KEEJICK CAUSEWAY

Client

Lac Seul First Nation

Services

Pre-Design
Detailed Design
Tendering
Contract Administration
On-Site Inspection

Reference

Mr. David Gordon
807 582-3503

Year

2009



The Keejick causeway was designed and constructed to provide all-weather road access to the community of Keejick Bay and has now given a key transportation link to the mainland. The primary benefit of the causeway is the improvement of the lives of the residents of the First Nation in terms of access to health centres, emergency services, secondary schools and necessity items such as groceries, infant needs and clothing. Secondary benefits include the stimulation of economic growth, lower the cost of living, and increased opportunities (socio-economic) for community members.

In general the project involved design and construction of the following works:

- 680 m long quarried rock fill causeway with 2h:1v slopes
- Minimum freeboard of 1 m to account for abnormally high water levels.
- Lane width of 4.5 m, shoulder width of 0.6 m
- Full length guide rail
- Final riding surface composed of 200 mm of screened pit run with a 100 mm overlay of crushed Granular 'A'.
- Installation of causeway and bridge signage.
- Construction of pressure treated timber crib structures for bridge.
- Installation of a 24m long prefabricated steel modular bridge complete with a pedestrian footwalk.