

From: Les Galbraith
Sent: Tuesday, September 27, 2005 8:40 AM
To: 'Ron Martel'
CC: Mark Burke; Ken Brouwer; Egbert (Bert) Scherman
Subject: FW: Log Bridge
Attachments: Log Bridge - Cross Section.pdf; Log Bridge - Long Section.pdf

Ron:

Attached are sketches for the log culvert. The design load for the culvert was 300T. The culvert will require 2m of cover material above top spans. The clear span has been reduced from 6m to 4m. The sill logs can be replaced with lock blocks if they are cheaper. You will have to secure the outside logs to the sill logs or lock blocks. The sill logs or lock blocks should be founded on competent bedding material. The berms in the figure are 1.8m high which is likely not high enough. You will have to adjust the culvert length to accommodate the minimum road width for the 785's and required berm height. Geotextile is required above the logs below the 2m fill layer.

The attached sketches are not design drawings, they are schematics of a culvert that should work given the load parameters provided to us. The sketches do not include any details on securing the logs.

Call me if you have any questions.

Les

-----Original Message-----

From: Egbert (Bert) Scherman
Sent: Monday, September 26, 2005 5:00 PM
To: Les Galbraith
Subject: Log Bridge

Les,

FYI

<<...>> <<...>>

Regards,

Egbert J. Scherman, P. Eng.

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