

Schedule B – Bridge

Project Description

(Please complete one Schedule for each crossing)

Location

Site Name/No/Civic Address: _____

Please mark location on a copy of a topographic map (preferably at 1:50,000 scale) or Google Earth Image and include as a separate attachment with the application.

If including a 1:50,000 Topographic Map, Please Provide:

Map No: _____

Or, UTM Coordinates:

N _____ E _____ NAD _____ ZONE _____

Design

Drainage Area Profile:

Drainage Area: _____ km²

Main Channel Length: _____ km

Slope of Drainage Area: _____ %

Drainage Area Classification:

Forest: _____ %

Barren: _____ %

Wetland: _____ %

Urban: _____ %

Hydrologic Details:

Return Period: 1: _____ years

Estimation Method: Rational TR55 RFFA Other _____

Maximum Flow: _____ m³/s Design Flow: _____ m³/s

Description of Estimation:

Please show calculation(s) below or attach separate sheets, if required.

Design (cont'd)

Bridge Material:

Untreated Timber Treated Timber Concrete Steel Other _____

Abutment Type:

Bin Wall Concrete Wood Rip-rap Other _____

Bridge Span : _____ metres
(abutment to abutment)

Height of Bridge: _____ metres
(above stream bed)

Area of Opening: _____ m²

Freeboard: _____ metres
(above maximum flow level)

Max Velocity: _____ m/s

Min Velocity: _____ m/s

Construction

Equipment to be used: _____

Proposed dewatering method: _____

Briefly describe how erosion control and stabilization will be carried out:

Briefly describe how site restoration will be carried out:
