

Schedule A - Culvert

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 Forest: _____ %

Main Channel Length: km Barren: %

Slope of Drainage Area: % Wetland: %

Drainage Area Classification:

Forest: _____ %

Barren: %

Wetland: %

Hydrologic Details:

Return Period: 1 years

Estimation Method: Rational TR55 RFFA Other

Maximum Flow: m^3/s Design Flow: m^3/s

Description of Estimation:

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

Design (cont'd)

Culvert Shape: Round Pipe-arch Other _____

Culvert Material: Steel Concrete Aluminum Other _____

Headwall Type: Concrete Wood Rip-rap Other _____

Number of Pipes: _____ Length: _____ metres

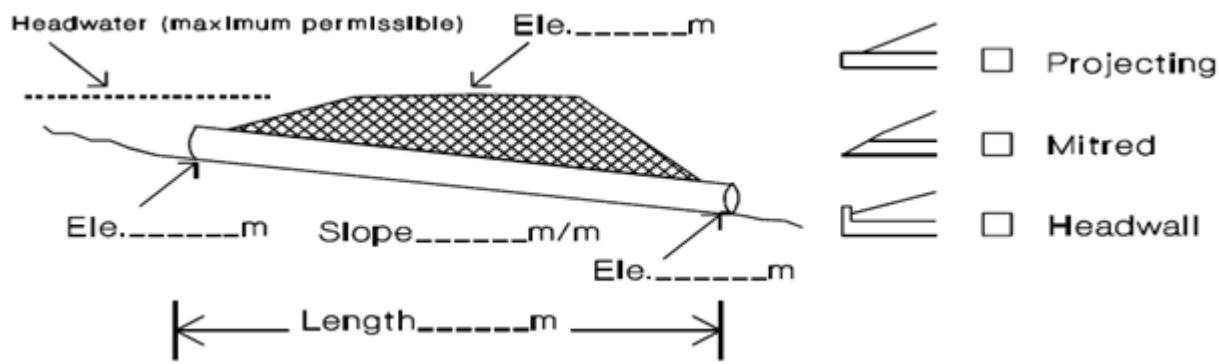
Width: _____ mm Height: _____ mm (for arch-pipe)

Diameter: _____ mm (for round pipe)

Max Velocity: _____ m/s Min Velocity: _____ m/s

If the undertaking involves replacing an existing culvert, please provide dimensions of existing culvert and reasoning behind the replacement (undersized, collapse, etc.): _____

Complete the diagram below and check inlet/outlet type:



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:
