



ARFMI Crossing Installation Report

(Must be completed for each crossing location)

Shareholder: _____ Block ID: _____

Contractor: _____ Road Name: _____

SITE CONDITIONS ENCOUNTERED

Crossing Located By:

Date Measurements Taken:

Stream Measurements
(meters)

Flood Plain Width :	A
Bankful Width :	B
Channel width :	C
Depth - 25% of Channel :	D (l)
Depth - 50% of Channel :	D (c)
Depth - 75% of Channel :	D (r)
Depth - Bankful Flow :	E
Depth — Floodplain :	F
Stream Velocity :	m /sec

Notes:

Foundation Soil Description :

Sand☐

Muck☐

Silt☐

Rubble☐

Clay☐

Gravel☐

Channel Type:

Ephemeral☐

Intermittent☐

Permanent☐

ARFMI Notification Provided :

(ARFMI Advised- 'Change to Operation' made)

FRI Incorrect☐

Unmapped☐

INSTALLATION CONDITIONS

Installation Supervised By:

Date of installation:

Crossing Permanency : Refer to Structure Removal Timeframe specified in AWS 4 and 5

Month / Year

Permanent☐

Temporary☐

Decommissioned Date: _____

Note: Measurements (★) must be included for all structures which remain in place beyond date of inspection

Scheduled Removal Date: _____

Crown Land Bridge

NAD 83 (Record Actual Crossing Location on Stream Segment):

☐ Bridge Record Form submitted (i.e. MNR / ARFMI)

E

N

New Crossing Type:

Box Culvert☐

Arch Culvert☐

Round Culvert☐

Portable Bridge☐

Steel Stringer Bridge☐

Winter Snow Pack☐

Structure Description:

Steel☐

Plastic☐

Wood☐

Concrete☐

Ford (Engineered)☐

Type of Fill:

Sand☐

Gravel☐

Rock Rubble☐

Other☐

Erosion Prevention and Control (X):

(Indicate applicable measures taken)

Stable slopes on stream banks and drainage ditch banks☐

Course, clean rock to high water mark☐

Re-vegetate or seed slopes (stream banks and ditch banks)☐

Divert drainage ditches to green belt☐

Line drainage ditches with rock☐

Use rock weirs in drainage ditches to impede water flow☐

Use filter cloth on upstream side of culverts☐

No grubbing or stripping of ground vegetation☐

Use filter cloth (On top of ice if fill is used for Winter Crossings)☐

Other:☐

WATER CROSSING OPERATIONS CHECKLIST

Only certified inspectors are allowed to conduct Forest Operations Inspections for submission to the FOIP database

Inspector Name: _____

FOIP Report Number : _____

CULVERT

* 'As Built' Culvert Installation Measurements
(meters)

Installed Diameter :	
Structure Length :	
Road Width :	
Depth of Cover:	
Water Depth in Pipe :	
Number of Culverts :	
Spacing Between Pipes :	

4 Photos must be Attached

() Approaches

() Inlet

() Outlet

() Inside Pipe

☐ Remedial action required

BRIDGE

* 'As Built' Bridge Installation Measurements
(meters)

Bridge length :	G
Clear Opening Width :	H
Freeboard (min 0.5m) :	I
Flood Rise :	J
Fill Height :	K
Left Slope Length :	L
Left Slope Rise :	M
Right Slope Length :	N
Right Slope Rise :	O
Crib Width :	P
Crib Height :	R

Bridge Used (Identification #) :

5 Photos must be Attached

() Approaches

() Deck

() Underside

() Upstream (Inlet)

() Downstream (Outlet)

☐ Remedial action required

☐ Verified 'As Built' measurements consistent with proposed bridge dimensions on 'Bridge Site Data Form'

Verification :

☐ I have confirmed that the final crossing condition satisfies the mandatory water crossing standards and will not impede future transfer of responsibility

Notes:

Water Crossing Activity (X):

☐ Water crossing location same as AWS submission

☐ Installation of culvert and size same as described in AWS water shed calculations.

☐ No sediments or woody debris left in water body or streams

☐ Construction materials removed from site

☐ Embankment sloped properly (e.g. 2:1) with no possibility of slumping

☐ Timing restriction met

☐ Culvert properly installed (i.e. refer to FMP Standards)

☐ Sediment Control Plan in AWS followed

☐ No Erosion or Sedimentation present (e.g. filter cloth used to prevent material from entering waterway)

☐ No signs of equipment or machinery in stream (i.e. culvert installed before equipment progresses past crossing)

☐ Coarse clean rock used on all culvert crossings

☐ Natural vegetation protected

☐ Additional measures used to prevent erosion (e.g. seed, filter cloth, rip rap etc.)

☐ Drainage ditches properly installed

☐ Crossing removed before March 31 unless left for silviculture activities

☐ Road right of way width through unallocated stands , no larger than FMP requirement

☐ Road right of way width through AOC's (reserves), no larger than FMP requirement

Note: All of the above activities must be checked. ✓ - Verified to be within acceptable limits ✗ - Outside of acceptable limits. Refer to comments for additional details N/A — Not applicable

I certify that the activities inspected are fully compliant based on an inspection appropriate to support this decision. Signature: _____ Date: _____