



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

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

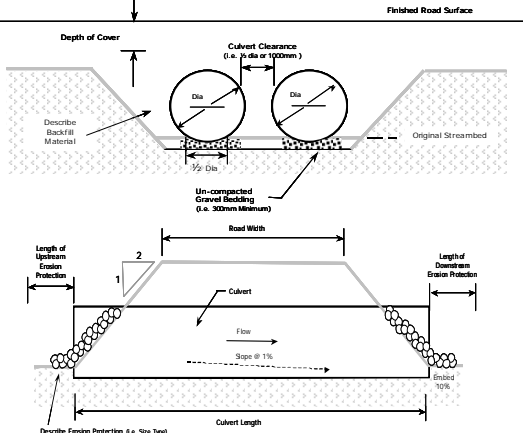
Inspector Name: _____

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

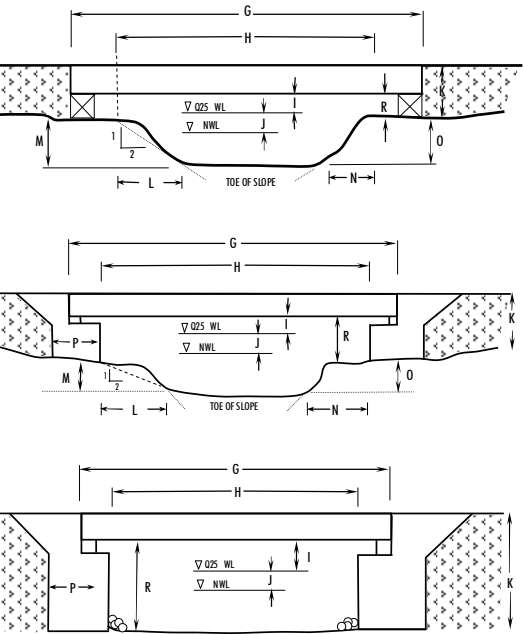
() Inside Pipe

☐ 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:

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

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

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

Signature: _____ Date: _____