





# 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:

Structure Description:

Type of Fill:

Box Culvert ☐

Steel ☐

Sand ☐

Arch Culvert ☐

Plastic ☐

Gravel ☐

Round Culvert ☐

Wood ☐

Rock Rubble ☐

Portable Bridge ☐

Concrete ☐

Other ☐

Steel Stringer Bridge ☐

Ford (Engineered) ☐

Winter Snow Pack ☐

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: \_\_\_\_\_