

# Forest Practices Stream Alteration Process

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- ▶ Forest Practice Activities
- ▶ Agency Partnerships & Customer Service
- ▶ Stream Channel Alteration Permit process



# Forest Practice Activities

- ▶ Harvesting of tree species
- ▶ Reforestation
- ▶ Chemical application, fertilization
- ▶ Managing slash, prescribe fire
- ▶ Road construction!
  - Associated in stream work



# Partnerships and Services

## ➤ Memorandum of Understanding

- Idaho Department of Water Resource and Department of Lands
- IDL supplies documentation to IDWR
- Culvert installations must comply with Stream Channel Protection Act & Forest Practices Act

## ➤ Customer Service

- Landowners can one stop shop
  - forest practice notification & stream alteration permit



# Stream Alterations

- Installation in perennial streams:
  - Culverts 40 square feet or less of open end and < 60' long (*non fish bearing*)
  - Fords < 75' long and 25' wide - Construction, reconstruction



## Pipe Sizes that Meet Criteria

### Idaho Forest Practices and Stream Channel Alterations

*IDL Size Limits for Installing Culverts with Supplemental Notification Form (SNF)  
(As Defined in the 2007 IDL-IDWR MOU)*

**40 ft.<sup>2</sup> of Area on the Open End of the Culvert**  
*Corresponding Maximum Limits on Manufactured Pipes*

Type of Culvert	Maximum Dimension	Area (ft. <sup>2</sup> )	Shape
Round Pipe	85 in. in diameter	39.4	
Elliptical (Squash) Pipe	97 in. span (width) X 69 in. rise	36.4	
Pipe Arch	103 in. span X 71 in. rise	40	
Bottomless Plate Arch	120 in. span X 53 in. rise	34	
	132 in. span X 53.5 in. rise	37	
	144 in. span X 48.5 in. rise	35	

*If the installed culvert is also in a non-fishbearing, perennial stream, then there is also a length limit of less than 60 feet.*



**Culverts installed on fishbearing streams must** >>  
**provide for fish passage** *(IDAPA20.02.01.040.02.e.1)*

Forest Practices Rule!



# Stream Alterations



- ▶ Installation of Bridges <75'
  - No in-stream or center channel piers
  - No encroachment of abutments or fills below ordinary high water mark
  - No wetland fills!

# Stream Alterations

- Removal of culverts
  - 40 sq. feet or less open end, water diverted, done during low flow
- All other alterations must go to IDWR





# Supplemental Notification Form

- 1) Describe the project, including watershed drainage acreage, culvert size (if applicable), erosion-control measures, and provisions for fish passage if installation is on a fish-bearing stream.

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- 2) List detailed construction methods, size and type of equipment on site, soil compaction methods, and site-specific BMPs if different than FPA or SCPA administrative rules. If culvert installation is on a fish-bearing stream, describe the survey methods used to ensure proper culvert gradient.

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- 3) Other comments/information (e.g., temporary or permanent installation, use restrictions).

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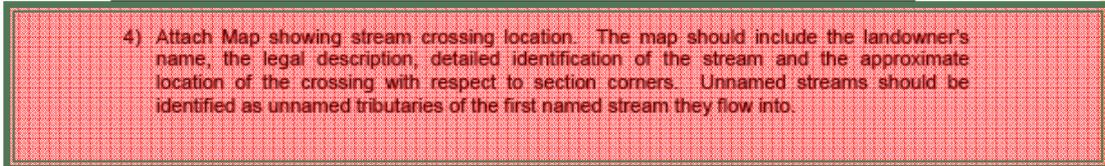
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- 4) Attach Map showing stream crossing location. The map should include the landowner's name, the legal description, detailed identification of the stream and the approximate location of the crossing with respect to section corners. Unnamed streams should be identified as unnamed tributaries of the first named stream they flow into.





**When in stream work occurs during a forest practice - IDL works with IDWR to issue permits. >>**

