2021 Nason Road Decom

- Chelan PUD mitigation for McKenzie-Beverly transmission line permit renewal
- 8 miles of road decommissioning in Nason watershed on USFS land



Nason Creek Road Abandonment Project





Figure 7: Proposed De-commissioning 4.41 miles of non-system roads (black dash line) in Section 7.

Pink dots = mapped surface erosion, blue dots = mapped stream crossings Note how the road switchbacks up the hill slope across two tributaries to Nason Creek. Erosion potential is depicted as Project 10 on Figure 1.



Nason Creek Road Abandonment Project S1 T26N R16E





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Figure 9: Proposed De-commissioning 1.77 miles of non-system roads (black dash line) in Section 1.

Pink dots = mapped surface erosion, blue dots = mapped stream crossings Note how the road switchbacks up the hill slope and crosses Butcher creek. Erosion potential is depicted as Project 12 on Figure 1.



WORK DESCRIPTION LIST						
Legal Description	Road Number		Length		Sheet 1 of 1	
T26N R16E S1&2	R1-R7, Spurs A & B		19312 ft			
Map Symbol	DESCRIPTION	PAY ITEM	ESTIMATED QUANTITY	Unit	Est Fill Ht.	
	Decom Method 1		378	Ft		
	Decom Method 2		763	Ft		
	Decom Method 3		18,171	Ft		
A	Remove existing 30' x 18" culvert, re- establish natural drainage		7	EA	Ranges 3-10 ft @ outlet	
A	Remove existing 30' x 24" culvert, re- establish natural drainage		5	EA	Ranges 5-15 ft @ outlet	
A	Remove existing 30' x 72" culvert, re- establish natural drainage		1	EA	3 ft @ outlet	
•	Restore natural drainage		3	EA		
*	Construct earthen berm		3	EA		
	Reconstruct draw		5	EA		

WORK DESCRIPTION LIST							
Legal Description	Road Number		Length		Sheet 1 of 1		
T26N R16E S7	R1, Spurs A, B, C						
Map Symbol	DESCRIPTION	PAY ITEM	ESTIMATED QUANTITY	Unit	Est Fill Ht.		
	Decom Method 1		1,512	Ft			
	Decom Method 2		18,628	Ft			
	Decom Method 3		2,821	Ft			
A	Remove existing 30' x 12" culvert, re- establish natural drainage		4	EA	Ranges 3-8 ft @ outlet		
A	Remove existing 30' x 18" culvert, re- establish natural drainage		10	EA	Ranges 3-4 ft @ outlet		
A	Remove existing 30-35' x 24" culvert, re- establish natural drainage		10	EA	Ranges 5-7 ft @ outlet		
A	Remove existing 30' x 30" culvert, re- establish natural drainage		3	EA	3 ft @ outlet		
•	Restore natural drainage		0	EA			
*	Construct earthen berm		0	EA			
	Reconstruct draw/Recontour		1	EA			



FILL ALL DITCHES AND REMOVE ALL CULVERTS ACCORDING TO CULVERT REMOVAL TYPICAL

LOOSEN ROADBED 18" PRIOR TO PLACEMENT OF EMBANKMENT

> REMOVE ALL CULVERTS ACCORDING TO CULVERT REMOVAL TYPICAL

 LOOSEN ROADBED BY EXCAVATOR MUNCHING TO A DEPTH OF 18"

Sheet Title	
DECOM METHODS	9
Scale	Of
NTS	19





DIVERSION, SEDIMENT AND EROSION CONTROL SPILL KIT AND SPILL PLAN SHALL BE FURNISHED BY THE CONTRACTOR

A SILT BARRIER/FILTER SHALL BE CONSTRUCTED BEFORE ANY INSTREAM WORK IS PERFORMED. THE SILT BARRIER SHALL BE CONSTRUCTED OF CERTIFIED WEED FREE STRAW BALES OR OTHER APPROVED METHOD AND SILT FENCE. THE SILT BARRIER SHALL BE INSTALLED TO CONFORM TO GROUND IRREGULARITIES ALONG BOTTOM OF CHANNEL AND INTO EACH BANK TO EFFECTIVELY CHANNEL STREAM FLOW THROUGH THE

DISTURBANCE OF STREAM CHANNEL SHALL BE HELD TO A MINIMUM AND SHALL BE RESTORED TO PRE-PROJECT CONDITIONS AT COMPLETION OF PROJECT. THE USE OF HEAVY EQUIPMENT IN THE STREAM SHALL BE HELD TO AN ABSOLUTE MINIMUM. CARE SHALL BE TAKEN TO ENSURE THAT NO PETROLEUM OR TOXICANTS FALL OR LEACH INTO THE STREAM.

A TEMPORARY STREAM DIVERSION SHALL BE CONSTRUCTED BEFORE ANY WORK IS PERMITTED IN THE STREAM CHANNEL. THE TEMPORARY DIVERSION SHALL BE APPROVED BY THE COR BEFORE THE STREAM IS DIVERTED FROM ITS NATURAL CHANNEL. THE TEMPORARY DIVERSION SHALL BE OF SUFFICIENT SIZE TO PASS FLOWS AND DEBRIS FOR THE DURATION OF THE PROJECT. A TEMPORARY DIVERSION DAM SHALL BE CONSTRUCTED OF CLEAN INERT MATERIAL (SANDBAGS, WASHED ROCK, ECOLOGY BLOCKS OR OTHER APPROVED MATERIAL) IN COMBINATION WITH 6 MIL. POLYETHYLENE PLASTIC OR APPROVED EQUAL.

FOREST SERVICE FISH BIOLOGIST WILL BE ON SITE WHEN STREAM IS DIVERTED. CONTRACTOR SHALL GIVE 2 DAYS WRITTEN NOTICE PRIOR TO

ALL SOIL EROSION AND POLLUTION CONTROL MATERIAL SHALL BE

IF PUMPS ARE USED FOR ANY REASON, THE INTAKE SHALL BE SCREENED WITH MATERIAL THAT HAS OPENINGS NO LARGER THAN 5/64 INCH FOR

1. USE PLASTIC LINER ALONG THE ENTIRE LENGTH AND WIDTH OF THE

2. CONSTRUCT DIVERSION CHANNEL AT A MINIMUM GRADE OF 0.5

3. DO NOT CONSTRUCT WITH LONGITUDINAL JOINTS IF USING A PLASTIC LINER. BURY THE UPSTREAM EDGE OF THE LINER A MINIMUM OF 6" DEEP AND SECURE WITH RIPRAP, SANDBAGS, OR OTHER APPROVED MATERIAL

Sheet Title	
DEWATERING	19
Scale	Of
NTS	19