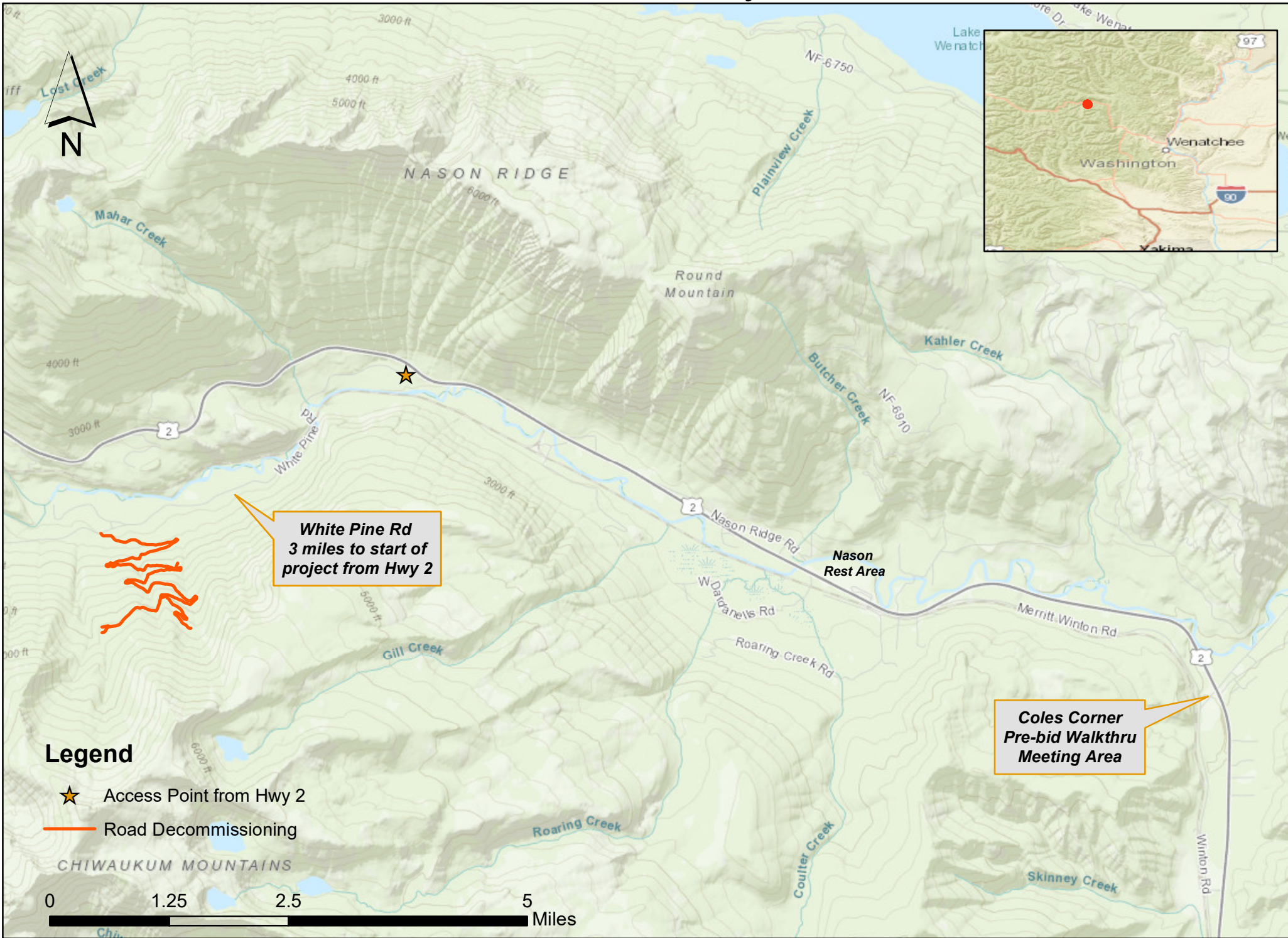
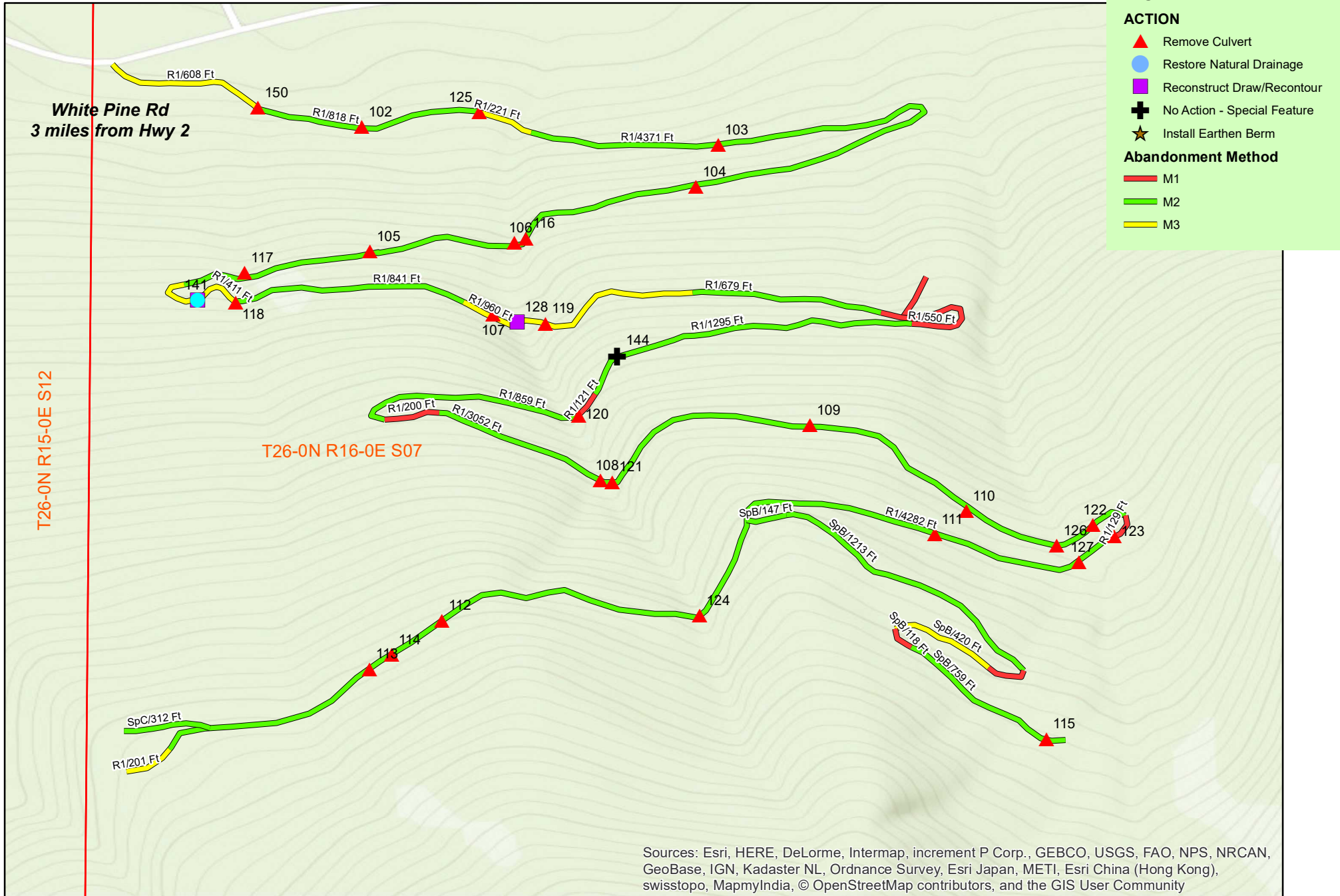


Nason Watershed Road Decommission Project: Location T26N R17E S 7



Nason Watershed Road Decommission Project



Legend

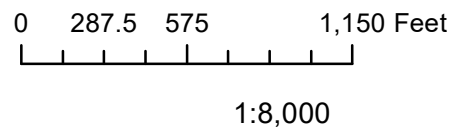
ACTION

- ▲ Remove Culvert
- Restore Natural Drainage
- Reconstruct Draw/Recontour
- ✚ No Action - Special Feature
- ★ Install Earthen Berm











Abandonment Method

- M1
- M2
- M3

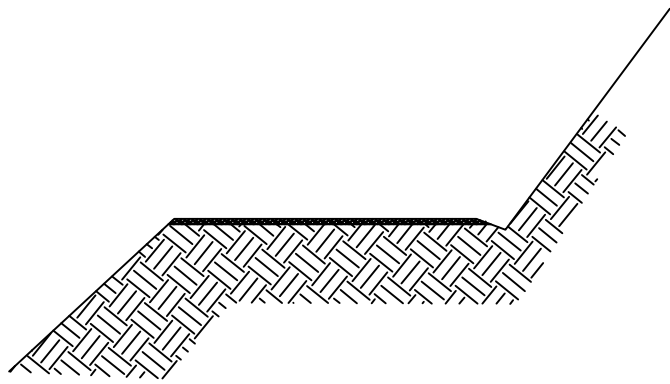
Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



Nason Watershed Road Decommission Project

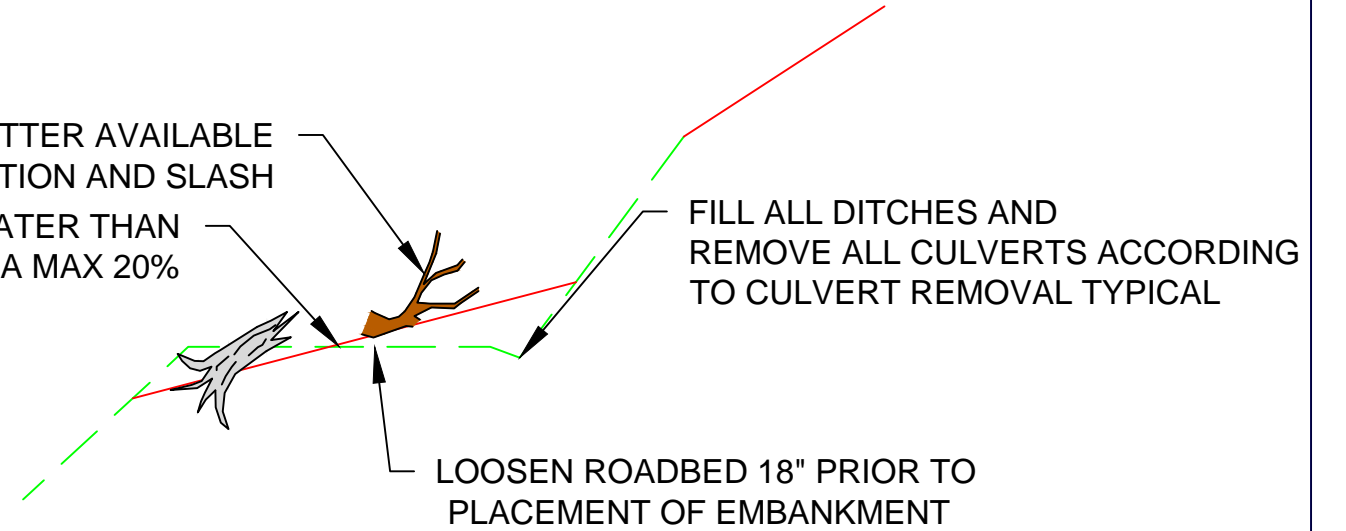
WORK DESCRIPTION LIST					
Legal Description	Road Number	Length		Sheet 1 of 1	
T26N R16E S7	R1, Spurs A, B, C				
Map Symbol	DESCRIPTION	PAY ITEM	ESTIMATED QUANTITY	Unit	Est Fill Ht.
	Decom Method 1	3	1,267	Ft	
	Decom Method 2	4	15,435	Ft	
	Decom Method 3	5	2,200	Ft	
	Remove existing 30' x 12" culvert, re-establish natural drainage	3,4,5	4	EA	Ranges 3-8 ft @ outlet
	Remove existing 30' x 18" culvert, re-establish natural drainage	3,4,5	3	EA	Ranges 3-4 ft @ outlet
	Remove existing 30-35' x 24" culvert, re-establish natural drainage	3,4,5	5	EA	Ranges 5-7 ft @ outlet
	Remove existing 30' x 30" culvert, re-establish natural drainage	3,4,5	5	EA	3 ft @ outlet
	Restore natural drainage	4	1	EA	
	Construct earthen berm	N A	0	EA	
	Reconstruct draw/Recontour	4	1	EA	

Nason Watershed Road Decommission Project



EXISTING GROUND LINE

SCATTER AVAILABLE VEGETATION AND SLASH
 OUTSLOPE 5% GREATER THAN EXISTING GRADE TO A MAX 20%



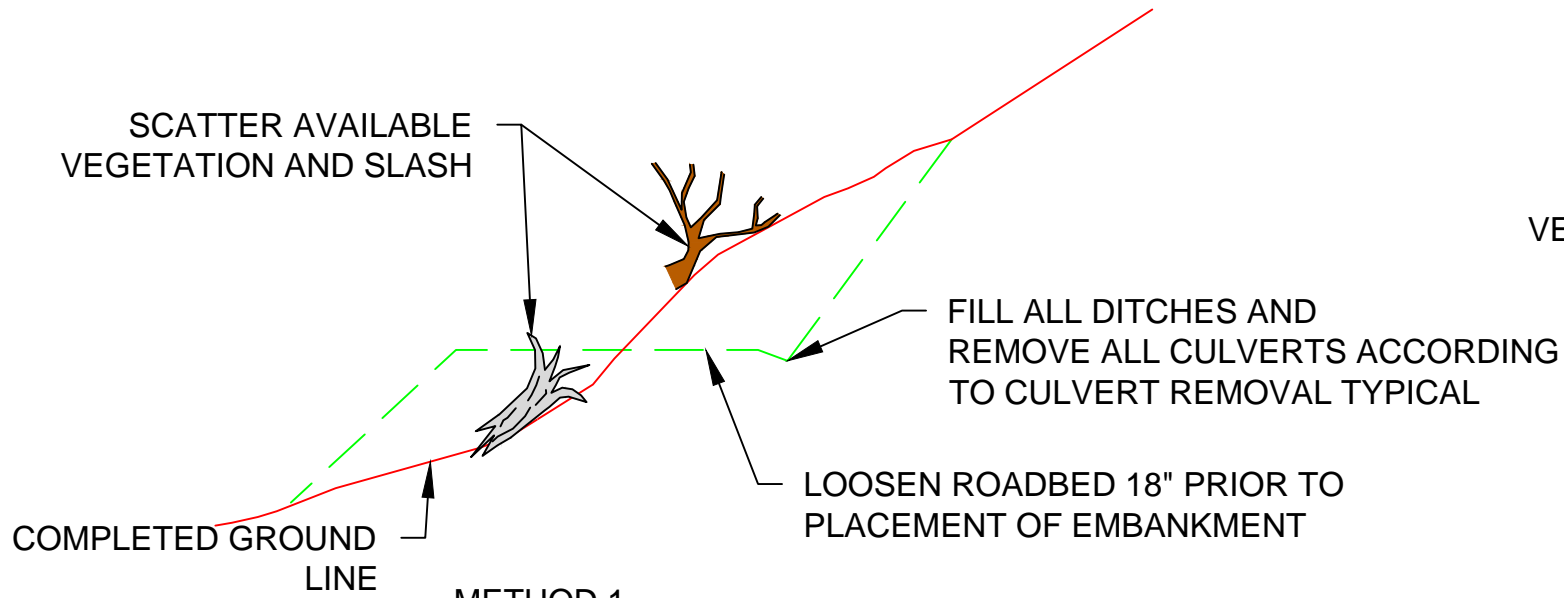
LOOSEN ROADBED 18" PRIOR TO PLACEMENT OF EMBANKMENT

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

METHOD 2

NOTE:
 ALL DISTURBED AREAS SHALL BE SEEDED IF ADEQUATE ON-SITE VEGETATION EXISTS MULCH WILL NOT BE REQUIRED COR WILL VERIFY NEED FOR MULCH PRIOR TO STARTING WORK ON EACH ROAD

SCATTER AVAILABLE VEGETATION AND SLASH

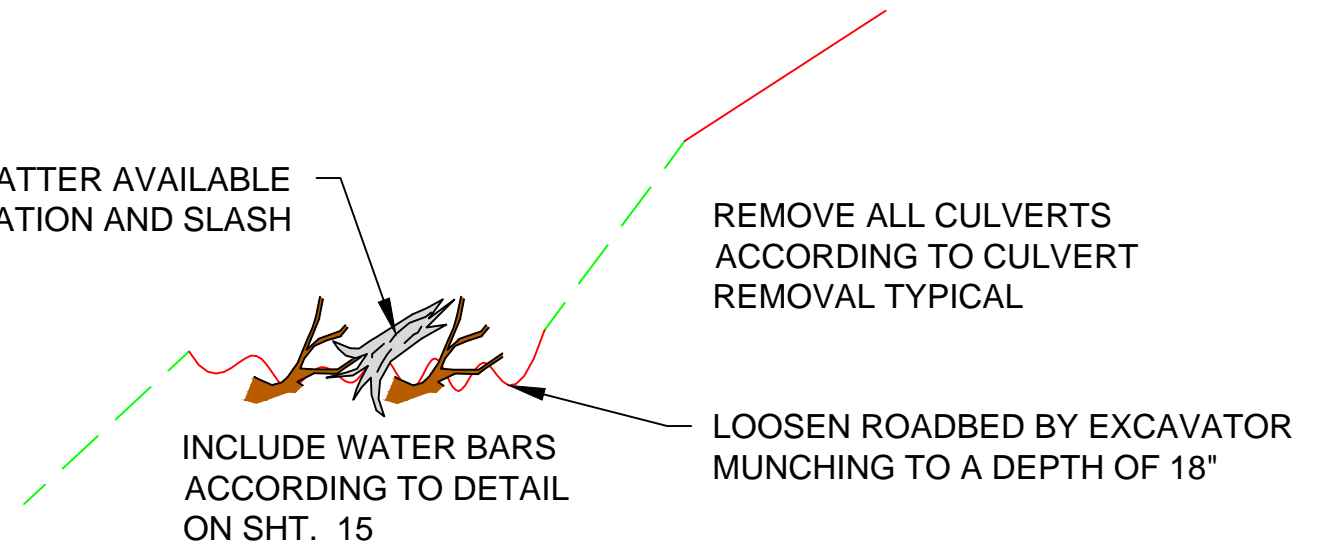


FILL ALL DITCHES AND REMOVE ALL CULVERTS ACCORDING TO CULVERT REMOVAL TYPICAL

LOOSEN ROADBED 18" PRIOR TO PLACEMENT OF EMBANKMENT

METHOD 1
 (ITEM 21106A)

SCATTER AVAILABLE VEGETATION AND SLASH



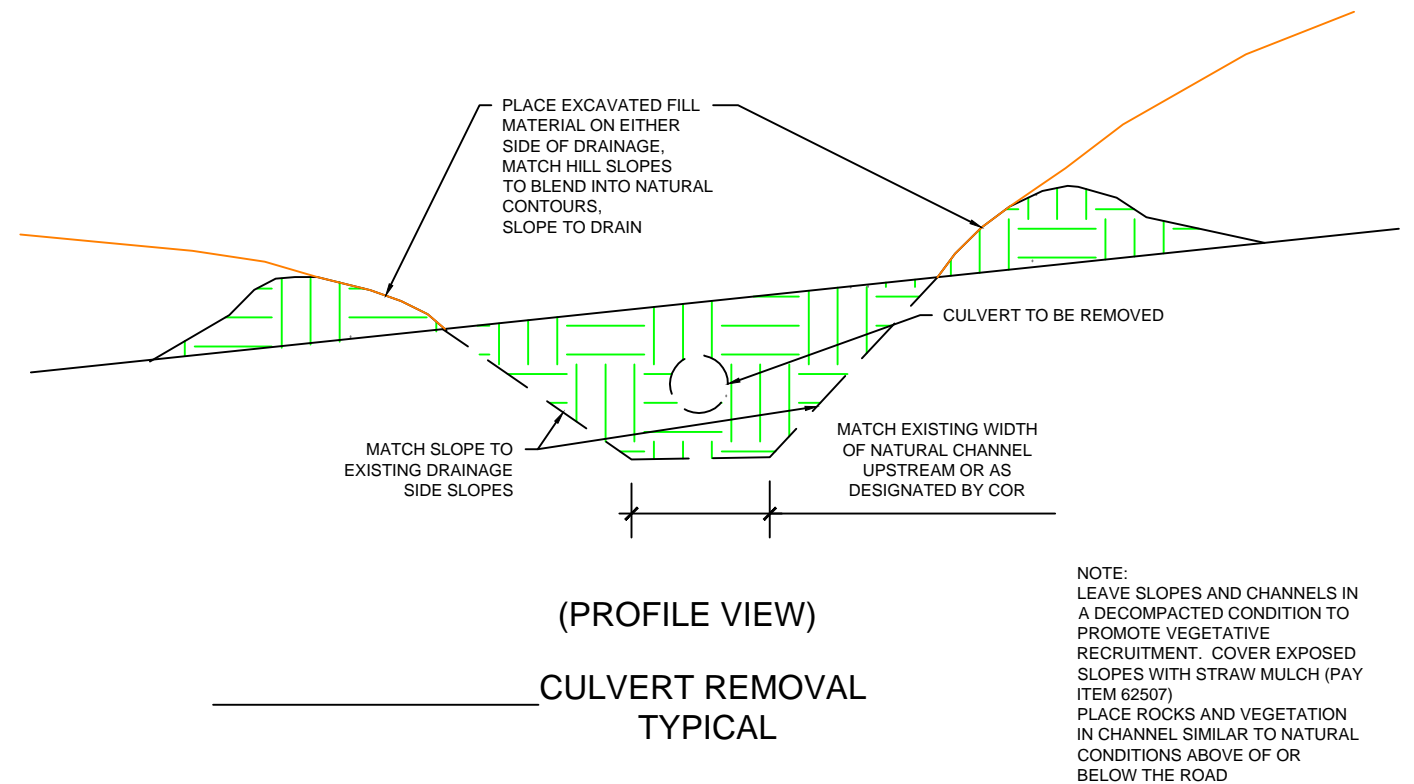
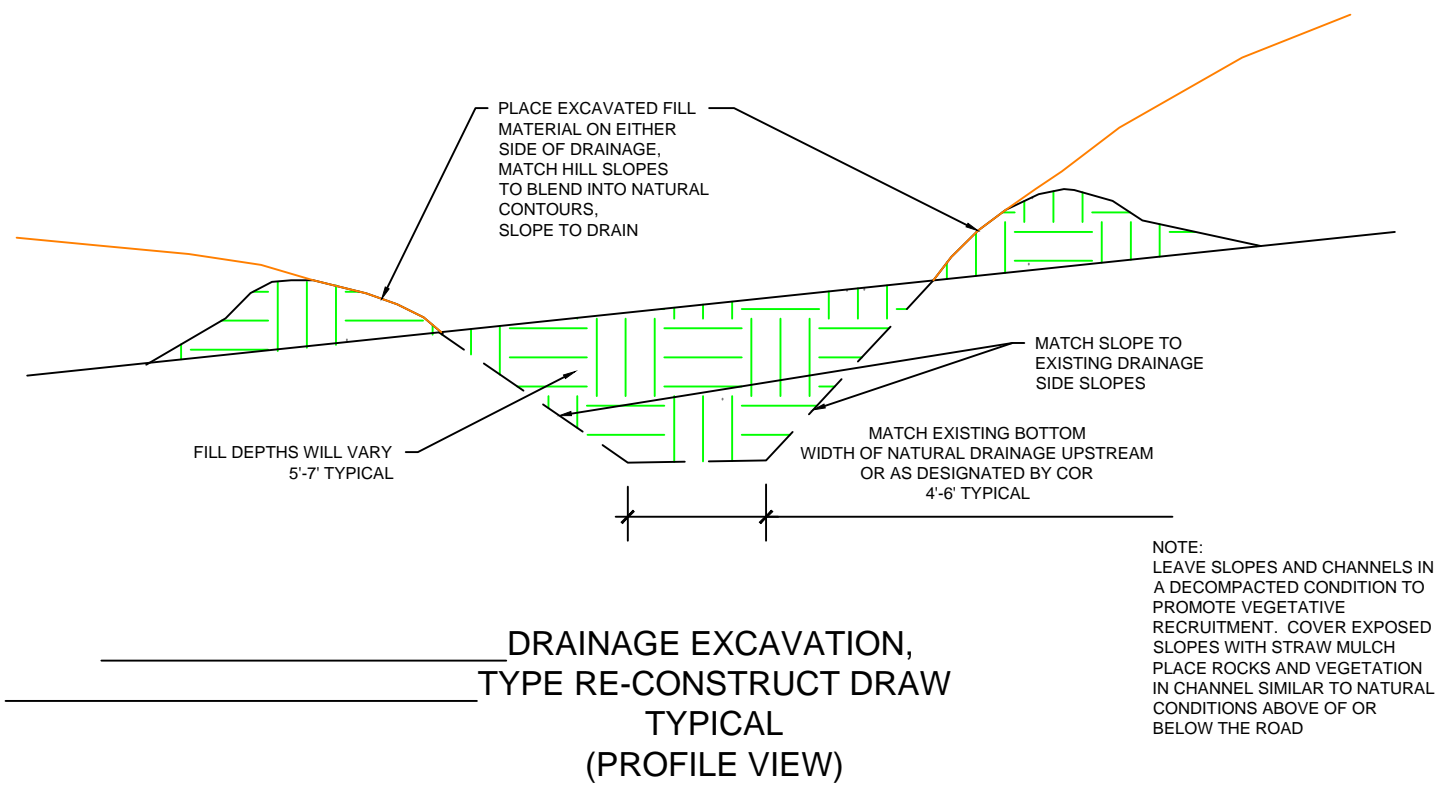
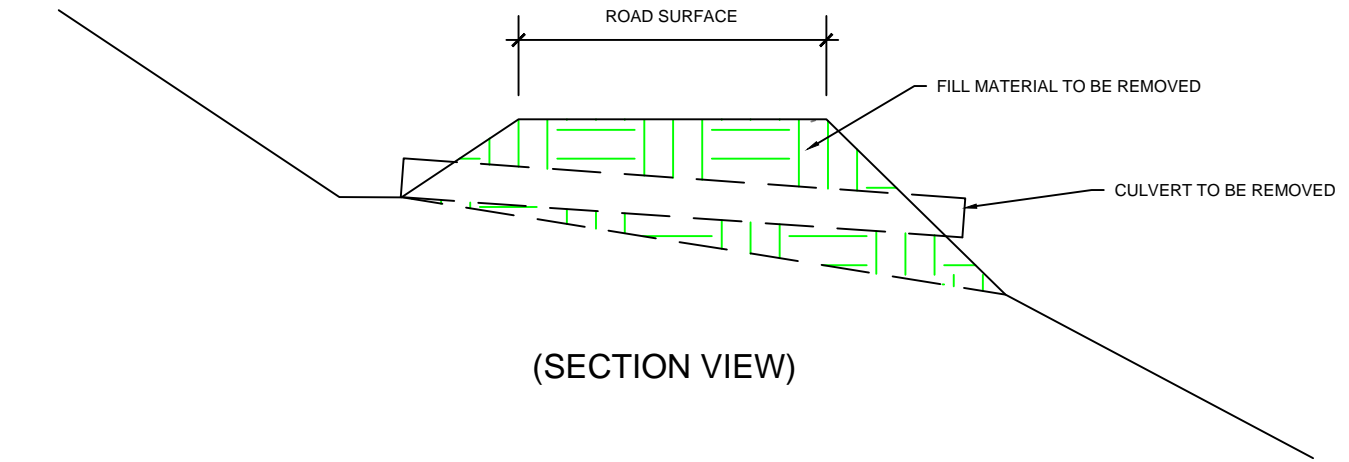
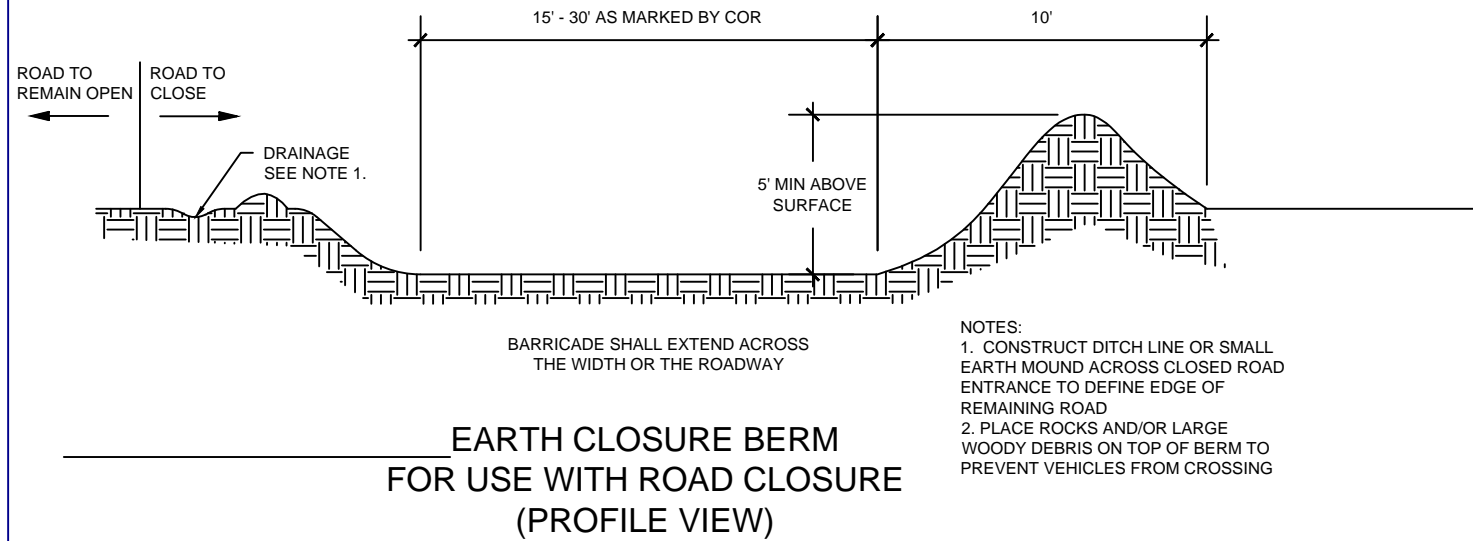
REMOVE ALL CULVERTS ACCORDING TO CULVERT REMOVAL TYPICAL

LOOSEN ROADBED BY EXCAVATOR MUNCHING TO A DEPTH OF 18"

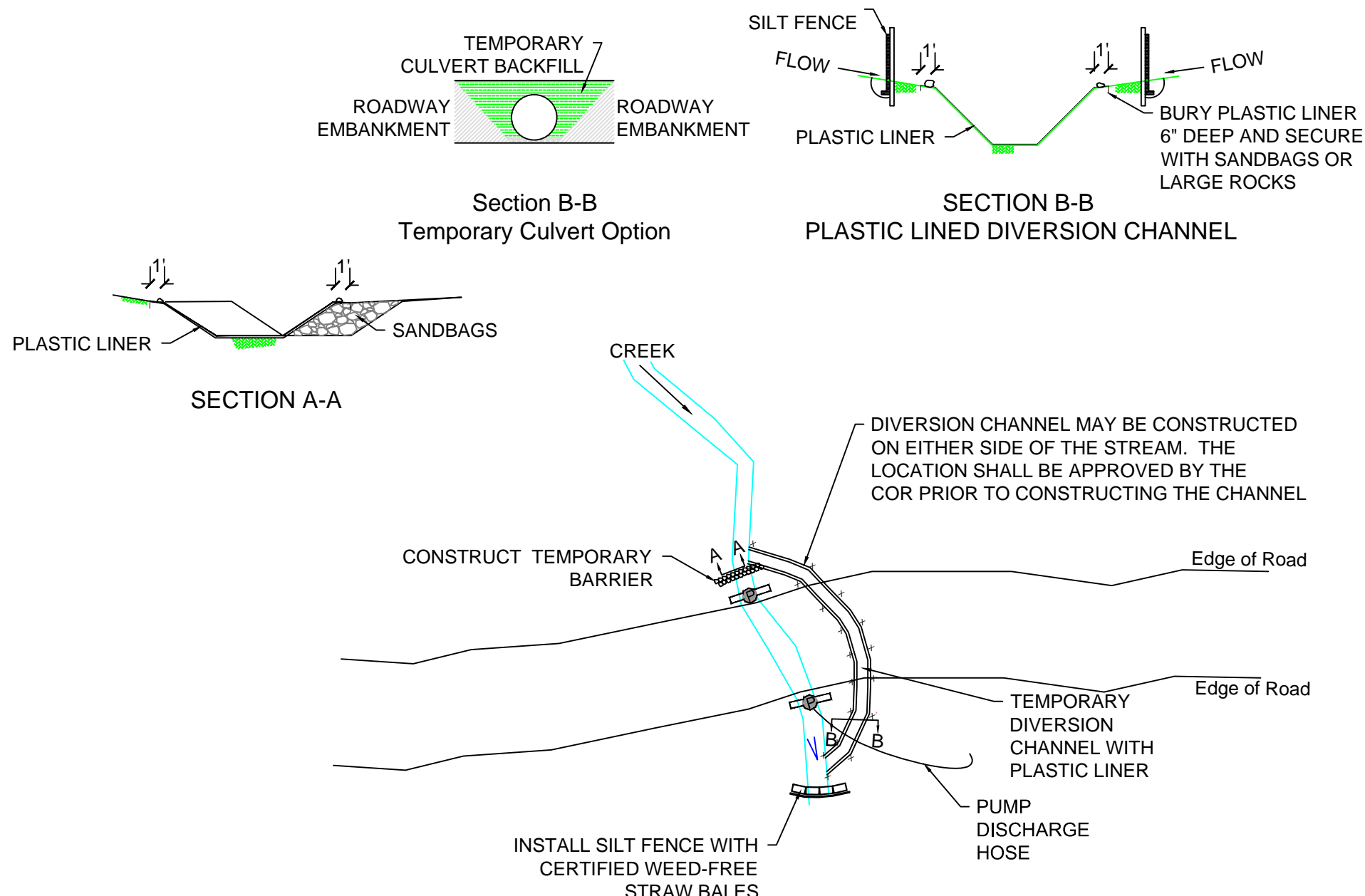
INCLUDE WATER BARS ACCORDING TO DETAIL ON SHT. 15

METHOD 3

Nason Watershed Road Decommission Project



Nason Watershed Road Decommission Project



DIVERSION, SEDIMENT AND EROSION CONTROL
 SPILL KIT AND SPILL PLAN SHALL BE FURNISHED BY THE CONTRACTOR AND ON SITE AT ALL TIMES.

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 FILTER MATERIAL.

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 DIVERTING THE STREAM.

ALL SOIL EROSION AND POLLUTION CONTROL MATERIAL SHALL BE REMOVED FROM GOVERNMENT LAND.

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

- NOTE IF USING CHANNEL:
1. USE PLASTIC LINER ALONG THE ENTIRE LENGTH AND WIDTH OF THE TEMPORARY DIVERSION CHANNEL.
 2. CONSTRUCT DIVERSION CHANNEL AT A MINIMUM GRADE OF 0.5 PERCENT.
 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.

DEWATER DETAILS
 WASTE WATER FROM PROJECT ACTIVITIES SHALL BE ROUTED TO AN AREA OUTSIDE THE BANKFULL CHANNEL TO ALLOW REMOVAL OF FINE SEDIMENT AND OTHER CONTAMINANTS PRIOR TO INFILTRATING BACK INTO STREAM.

BYPASS OUTLET LOCATION WILL BE STAKED BY THE CONTRACTING OFFICER'S REP. PRIOR TO INSTALLATION.

ROAD TO DEWATER:
 1500135
 1611236

⊕ Sumps for placing pumps to drain excavated area