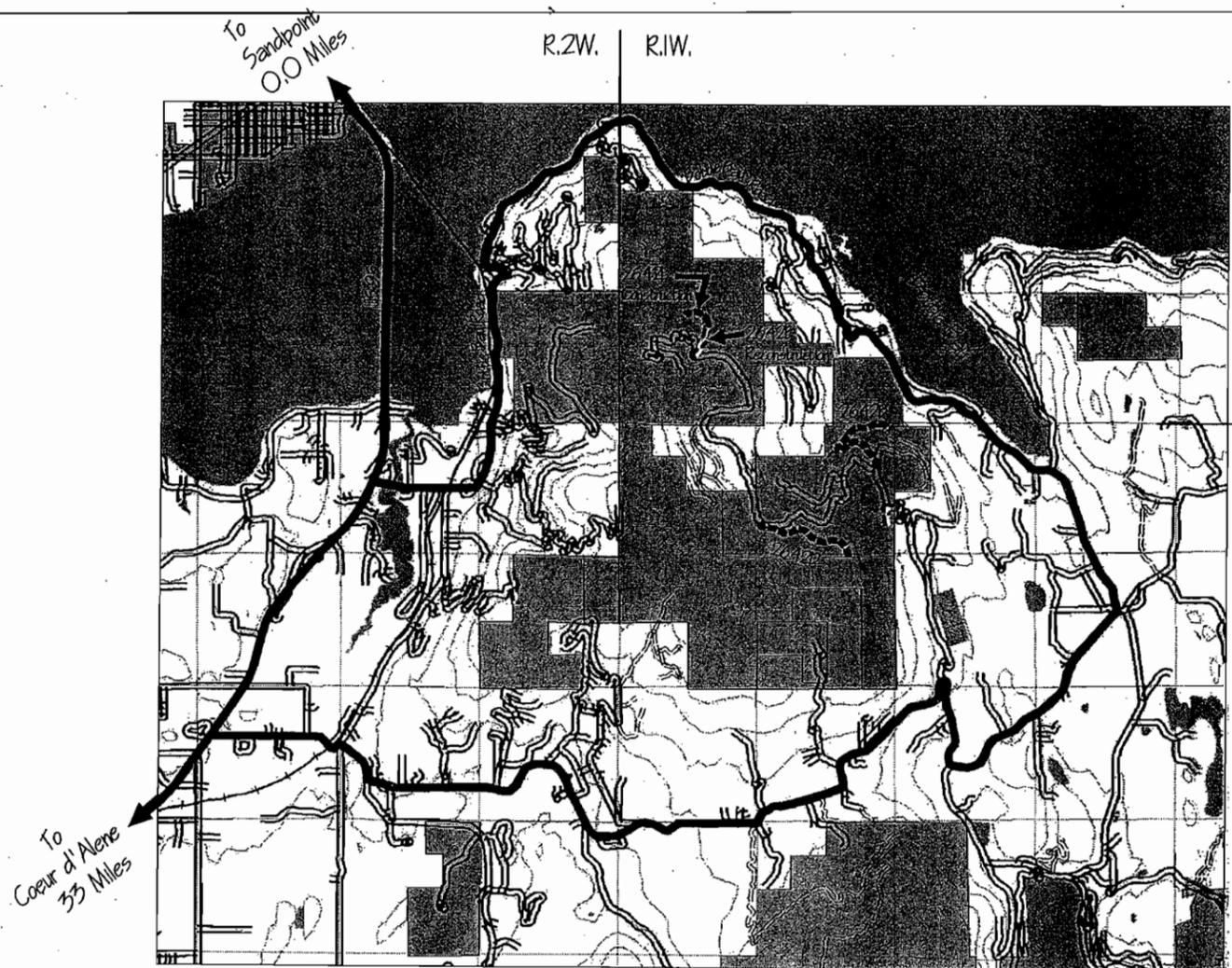


U.S. DEPARTMENT OF AGRICULTURE
 FOREST SERVICE
 REGION ONE
Gold Crown Timber Sale
 IDAHO PANHANDLE NATIONAL FORESTS
 Sandpoint Ranger District Bonner County, Idaho

INDEX TO SHEETS

SHEET	DESCRIPTION
1.	COVER SHEET
2.	SUMMARY OF ESTIMATED QUANTITIES, TYPICALS & NOTES
3.	WORKLISTS
4.	ROLLING DIP TYPICAL
5.	ARMORED ROLLING DIP TYPICAL



Legend

New Road	■ ■ ■ ■ ■
Reconst Road	▬ ▬ ▬ ▬ ▬
Paved Road	▬▬▬▬▬
Existing Road	▬▬▬▬▬

T.57N.
T.56N.

The following certify that this project is in conformance with Environmental Assessment Requirements.

Recommended and Certified to be technically correct
Patricia Shin for D. Thomson
 Engineering Team Leader Operations

Approved and certified to be in conformance with sound engineering practice for safety, structural integrity, and operational requirements.

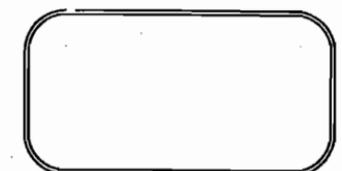
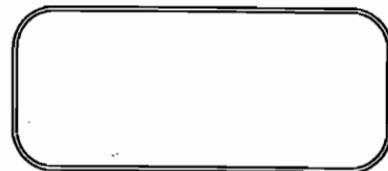
[Signature]
 Forest Engineer

Approved:
[Signature]
 District Ranger

7/29/08
 Date

Vicinity Map
 One Section = 1 square mile

U.S. DEPARTMENT OF AGRICULTURE
 FOREST SERVICE
R-1
 NORTHERN REGION



Drawn Joshua T. Nelson
 Design Jeremy Johnson
 Checked _____
 Reviewed _____

Forest:
Idaho Panhandle National Forests
 Project Name
Gold Crown Timber Sale

Sheet Title
Title Sheet and Vicinity Map
 Sheet **1** of **5**

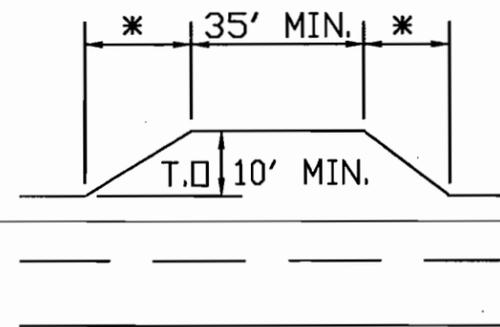
SUMMARY OF ESTIMATED QUANTITIES

--MISCELLANEOUS WORK--

TOTALS

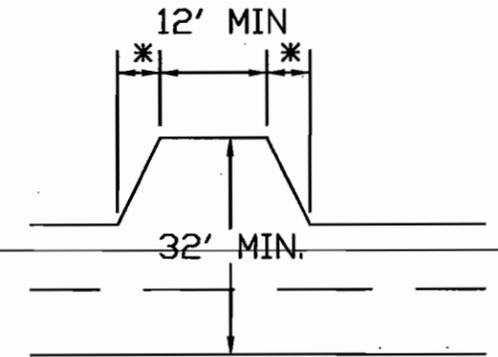
ROAD NUMBER					2642B	2642D	2642E	2642E	
TYPE OF CONSTRUCTION					C	C	R	C	
MILES TO BE CONSTRUCTED/RECONSTRUCTED					0.70	0.72	0.30	0.17	
ITEM NO.	ITEM DESCRIPTION	METHOD OF MEASURE	UNIT OF MEASURE						
203(20)	DRAINAGE EXCAVATION, ROLLING DIP	AQ	EA		2			2	
203(20)A	DRAINAGE EXCAVATION, ARMORED ROLLING DIP	AQ	EA		1			1	
299(02)	COMPOSITE ROAD CONSTRUCTION	DQ	MI	0.70	0.72		0.17	1.59	
299A(01)	COMPOSITE ROAD RECONSTRUCTION	DQ	MI			0.30		0.30	
601(01)	MOBILIZATION	LSQ	LS	1	1	1	1	JOB	
625(07)	SEEDING, DRY METHOD (with mulch)	DQ	ACRE	1.70	1.75	0.10	0.40	3.95	

TURNOUT TYPICAL SECTION



RIGHT OR LEFT

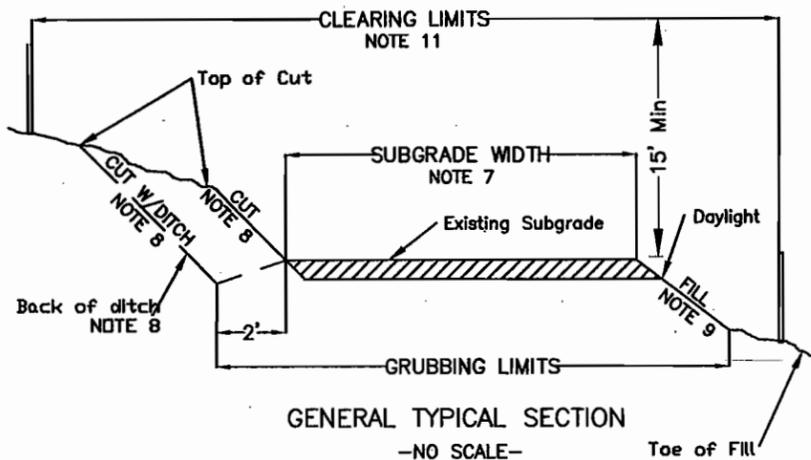
TRUCK TURNAROUND TYPICAL SECTION



* AS NEEDED

COMPOSITE ROAD RECONSTRUCTION

ROAD #2642E (ITEM 299A(01))



GENERAL TYPICAL SECTION

-NO SCALE-

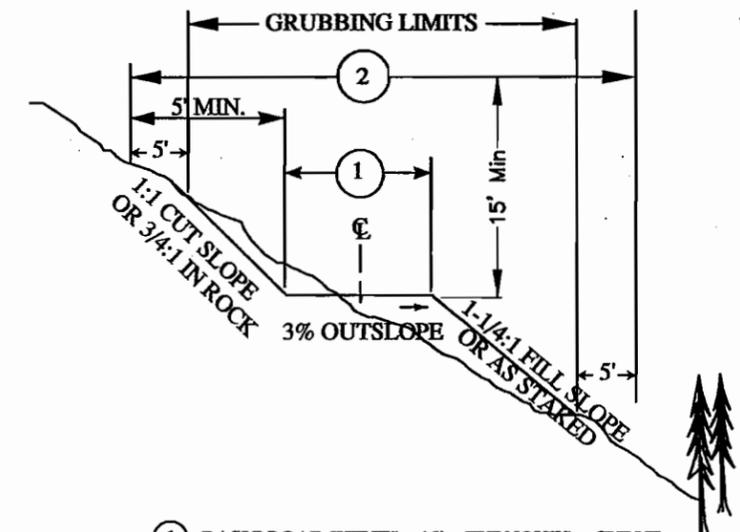
GENERAL NOTES:

- LOG DECKS SHALL BE LOCATED BEYOND THE TOE OF FILL SO AS NOT TO INTERFERE WITH ROAD WORK. PRIOR TO USE, ALL LOG DECKS ADJACENT TO EXISTING ROADS SHALL BE APPROVED BY THE CONTRACTING OFFICER.
- EMBANKMENT MATERIAL SHALL NOT BE PLACED ON OR AGAINST LOG DECKS.
- UNMERCHANTABLE TIMBER SHALL BE PLACED ABOVE THE TOP OF CUT IN A STABLE POSITION ON THE GROUND SLOPE, OUTSIDE OF THE CLEARING LIMITS.
- EXCESS OR UNSUITABLE EXCAVATION MATERIAL SHALL BE UNIFORMLY SPREAD OVER ADJACENT FILL SLOPES, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- NO EXCESS OR UNSUITABLE MATERIAL SHALL BE SIDECAST INTO OR ON SLOPES ADJACENT TO LIVE OR INTERMITTENT STREAMS, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- ALL AREAS OF DISTURBED EARTH OUTSIDE THE ROADBED SHALL BE SEEDING AND FERTILIZED.
- SUBGRADE WIDTH SHALL BE A MINIMUM 14' ON RECONSTRUCTION ROADS, 15' MINIMUM ON NEW CONSTRUCTION ROADS, OR AS MARKED. OUTSLOPE SHALL BE 3% ON ALL ROADS.
- CUT SLOPES SHALL BE 1:1, 3/4:1 IN ROCK.
- FILL SLOPES SHALL BE 1 1/2:1.
- METHOD OF SEEDING SHALL BE "SEEDING, DRY METHOD (with mulch)" AS SET FORTH IN SECTION 625. ALL AREAS OF DISTURBED EARTH OUTSIDE THE ROADBED SHALL BE SEEDING.
- DISPOSAL OF CONSTRUCTION SLASH FOR ALL ROADS SHALL BE METHOD (4.1) SCATTERING, AS DESCRIBED IN SECTION 299. CLEAR A MINIMUM OF 5' BEYOND TOP OF CUT AND TOE OF FILL.
- DESIGN CRITERIA FOR ALL ROADS:

DESIGN SPEED = 10 MPH
DESIGN VEHICLE = LOG TRUCK
TRAFFIC SERVICE LEVEL = D

COMPOSITE ROAD CONSTRUCTION TYPICAL

ROAD #2642B,D&E (ITEM 299(02)) NO SCALE



- BASIC ROAD WIDTH = 15' + TURNOUTS + CURVE WIDENING
- MINIMUM TOTAL CLEARING WIDTH IS 30'



UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
REGION 1

IDAHO PANHANDLE NATIONAL FORESTS
SANDPOINT RANGER DISTRICT
GOLD CROWN TIMBER SALE

SUMMARY OF ESTIMATED
QUANTITIES, TYPICALS, AND
GENERAL NOTES

WORKLIST - ROAD #2642B	
STATION BEGIN	DESCRIPTION OF WORK
0+00	JCT. WITH RD. 2642. BEGIN COMPOSITE ROAD CONSTRUCTION, ITEM 299(02) and SEEDING, ITEM 625(07).
12+00	CONSTRUCT TURNOUT RIGHT AND TRUCK TURNAROUND LEFT.
19+30	CONSTRUCT TURNOUT RIGHT.
34+00	CONSTRUCT TURNOUT LEFT.
37+00	CONSTRUCT TRUCK TURNAROUND LEFT. END COMPOSITE ROAD CONSTRUCTION, ITEM 299(02) AND SEEDING, ITEM 625(07).

WORKLIST - ROAD #2642D	
STATION BEGIN	DESCRIPTION OF WORK
0+00	JCT. WITH RD. 2642. BEGIN COMPOSITE ROAD CONSTRUCTION, ITEM 299(02) AND SEEDING ITEM 625(07).
9+76	CONSTRUCT ARMORED ROLLING DIP.
10+50	CONSTRUCT ROLLING DIP.
12+00	CONSTRUCT ROLLING DIP.
38+05	END COMPOSITE ROAD CONSTRUCTION, ITEM 299(02) AND SEEDING ITEM 625(07).

WORKLIST - ROAD #2642E (R)	
STATION BEGIN	DESCRIPTION OF WORK
0+00	JCT. WITH RD. 2642. BEGIN COMPOSITE ROAD RECONSTRUCTION, ITEM 299A(01) AND SEEDING ITEM 625(07).
0+93	REMOVE EARTHEN BARRIER.
7+00	BEGIN 3' SHIFT OF CENTERLINE INTO CUTSLOPE.
7+80	END 3' SHIFT OF CENTERLINE INTO CUTSLOPE.
10+00	BEGIN 3' SHIFT OF CENTERLINE INTO CUTSLOPE.
10+50	END 3' SHIFT OF CENTERLINE INTO CUTSLOPE.
15+80	END COMPOSITE ROAD RECONSTRUCTION, ITEM 299A(01) AND SEEDING ITEM 625(07).

WORKLIST - ROAD #2642E (C)	
STATION BEGIN	DESCRIPTION OF WORK
0+00	STA. 15+80 OF EXISTING 2642E. 2642. BEGIN COMPOSITE ROAD CONSTRUCTION, ITEM 299(02) AND SEEDING, ITEM 625(07).
3+55	CONSTRUCT TURNOUT RIGHT.
9+18	END COMPOSITE ROAD CONSTRUCTION, ITEM 299(02) AND SEEDING, ITEM 625(07).



UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
REGION 1

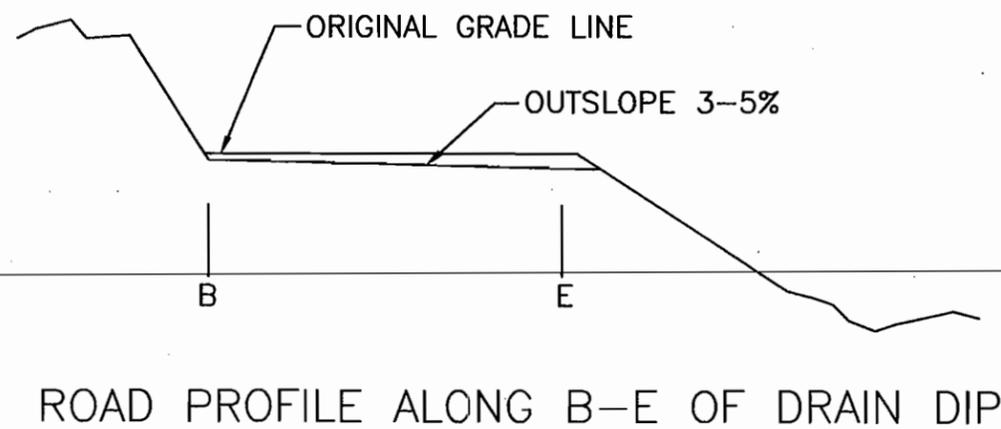
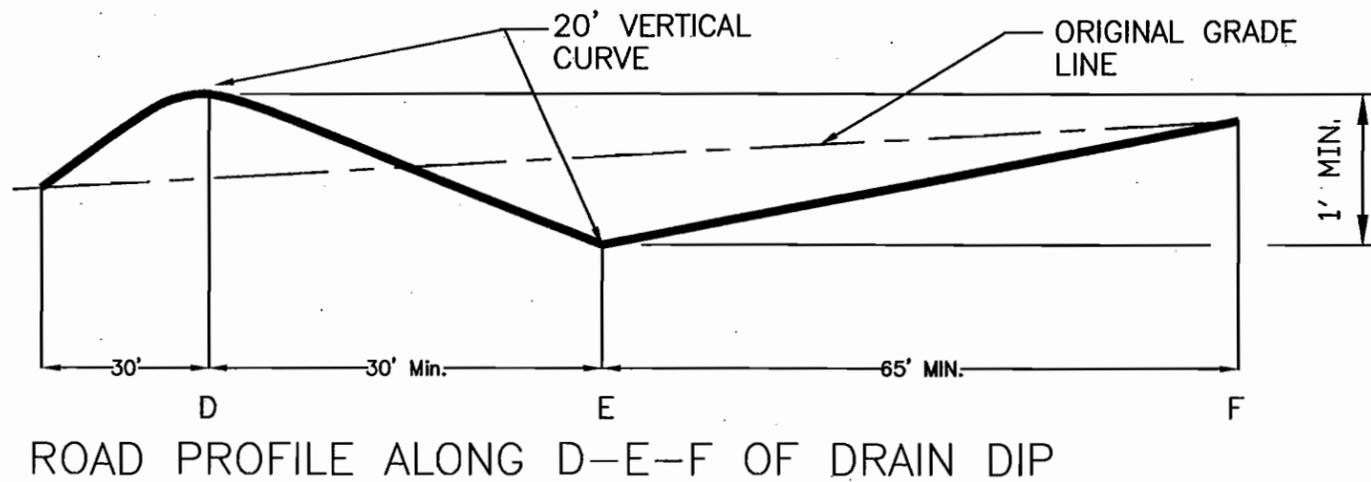
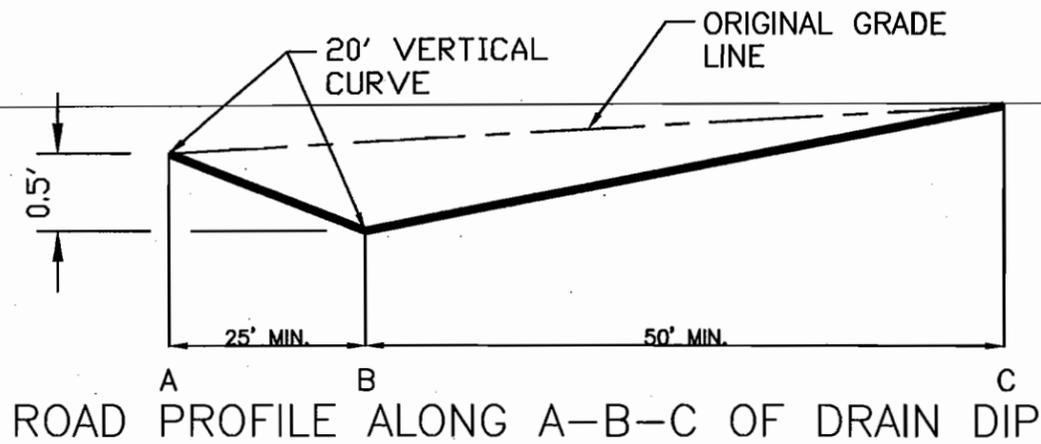
IDAHO PANHANDLE NATIONAL FORESTS
SANDPOINT RANGER DISTRICT
GOLD CROWN TIMBER SALE

WORKLIST

3

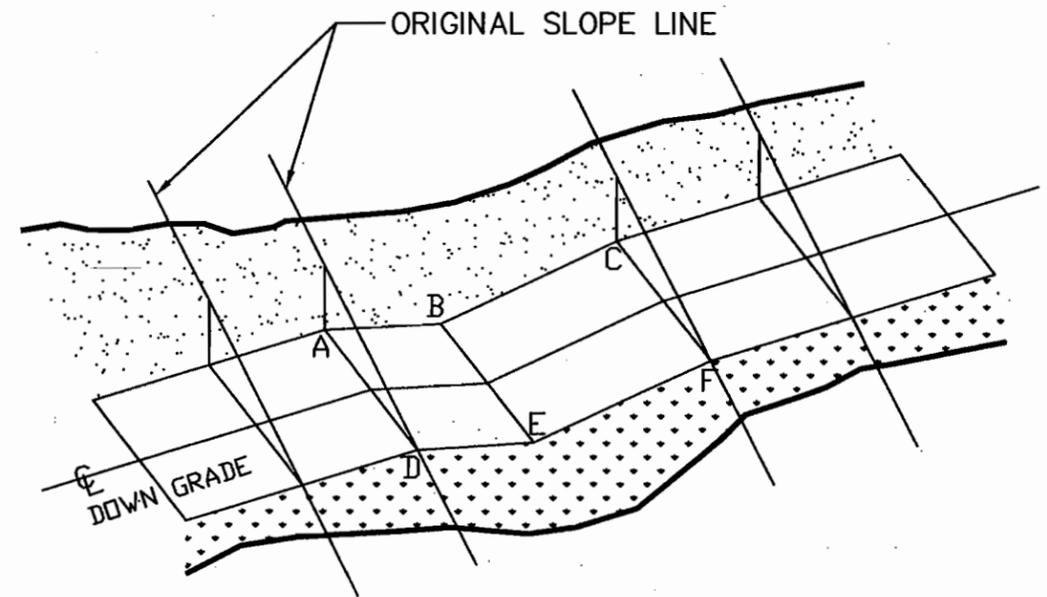
5

ROLLING DIP, ITEM 203(20)



NOTES:

1. Construct rolling dips as staked or as approved.
2. Out slope drainage dip 3-5%.
3. Skew line B-E to fit low point in draw, if located in natural drain.
4. Excavation below the existing grade line will be placed as embankment above the existing grade line on the down side of the drainage dip.



UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
REGION 1

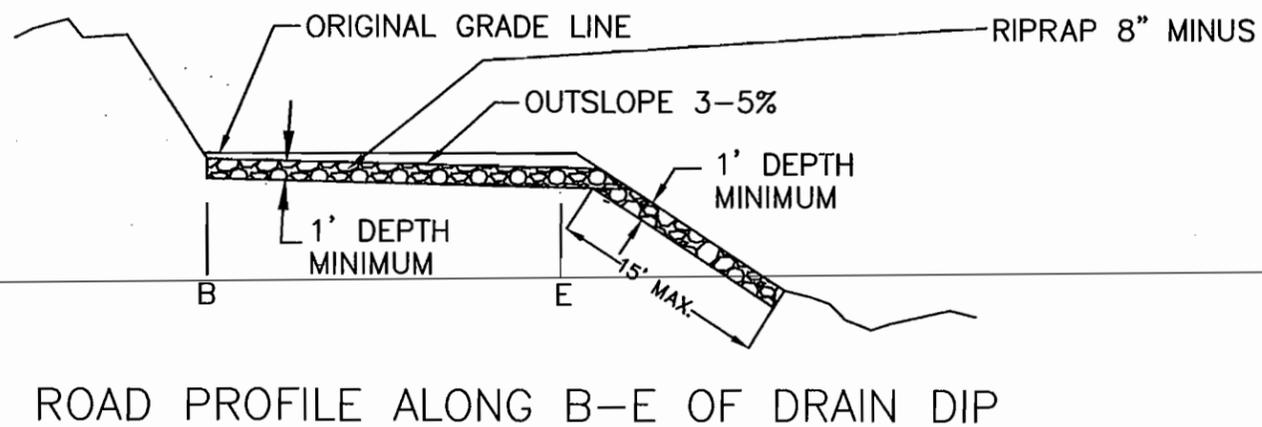
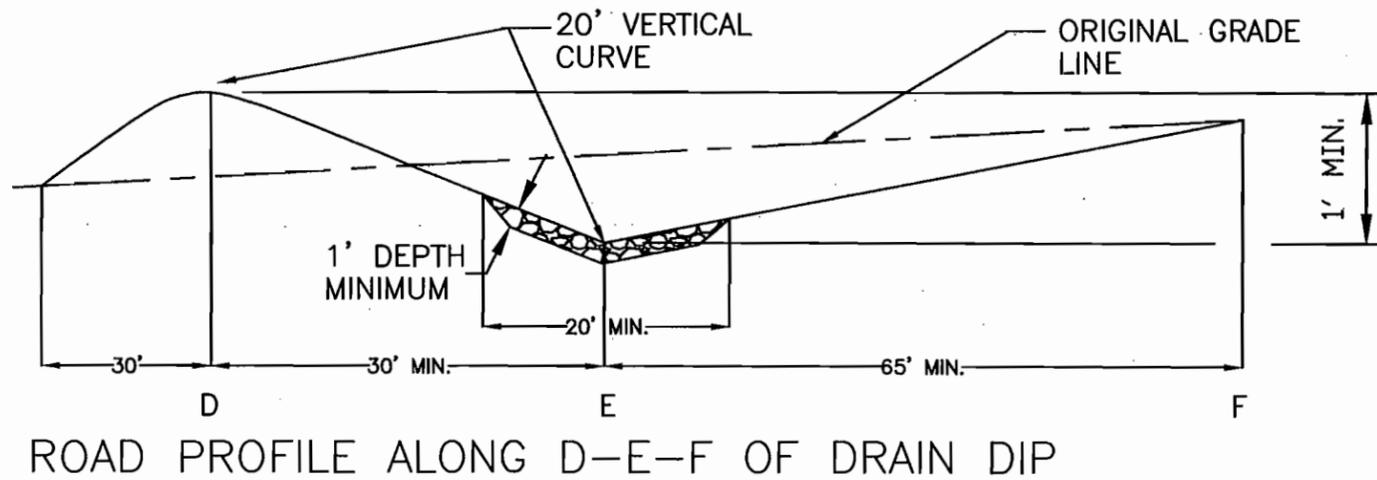
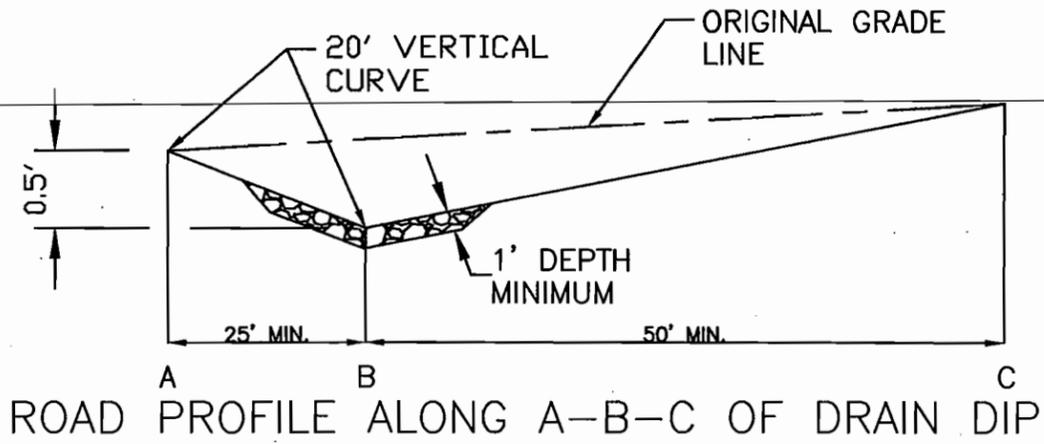
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SANDPOINT RANGER DISTRICT
GOLD CROWN TIMBER SALE

ROLLING DIP TYPICAL

4
5

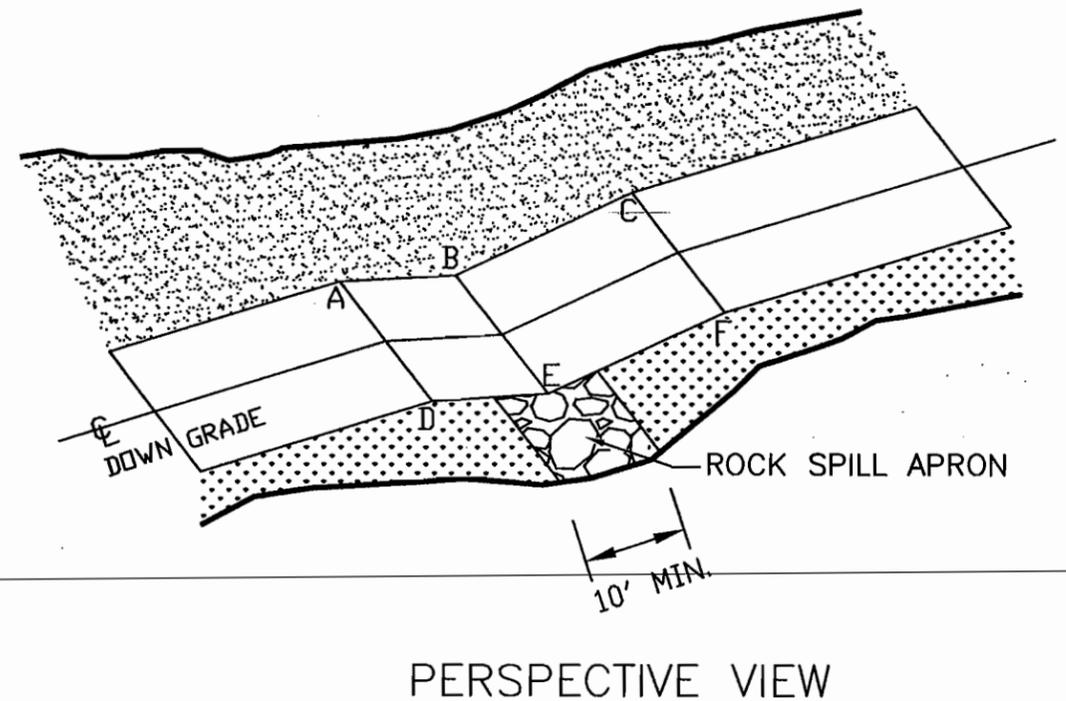
ARMORED ROLLING DIP, ITEM 203(20)A

ARMORED WITH SPLASH APRON



NOTES:

1. CONSTRUCT ROLLING DIPS AS STAKED OR AS APPROVED.
2. OUTSLOPE DRAINAGE DIP 3 - 5%
3. SKEW LINE B - E TO FIT LOW POINT IN DRAW, IF LOCATED IN NATURAL DRAIN.
4. EXCAVATION BELOW THE EXISTING GRADE LINE WILL BE PLACED AS EMBANKMENT ABOVE THE EXISTING GRADE LINE ON THE DOWNSIDE OF THE DRAINAGE DIP.
5. OBTAIN RIPRAP FROM MATERIAL EXCAVATED DURING ROAD CONSTRUCTION, OR OTHER SOURCE APPROVED BY CO. FILL THE VOIDS IN THE FINISHED ARMORED DIP TRAVELED WAY AREA TO PROVIDE A SMOOTH RUNNING SURFACE. OBTAIN MATERIAL FROM ADJACENT SUBGRADES.



UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
REGION 1

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SANDPOINT RANGER DISTRICT
GOLD CROWN TIMBER SALE

ARMORED ROLLING DIP TYPICAL

5
5