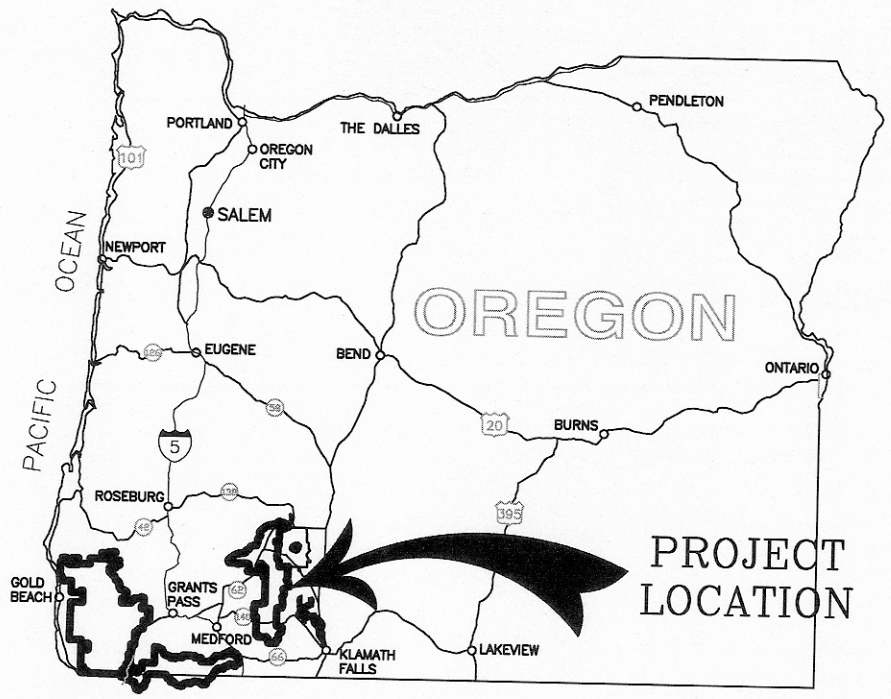

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

PACIFIC NORTHWEST REGION 6

ROGUE RIVER–SISKIYOU NATIONAL FOREST

HIGH CASCADES RANGER DISTRICT

PLANS FOR PROPOSED

PONDEROSA TIMBER SALE

INDEX TO SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	VICINITY MAP
3	ESTIMATE OF QUANTITIES
4–5	ESTIMATED QUANTITIES & WORK LISTS
6	TYPICAL SECTION DETAILS
7–8	TRAFFIC CONTROL TYPICAL

ROAD NO.	LENGTH (MILES)	STANDARD DESIGN CLASS	RECONST. /CONST.
3200000	1.82	S–25	R
3200540	1.12	S–10	R
–	–	–	–
–	–	–	–
–	–	–	–
–	–	–	–
–	–	–	–
–	–	–	–
–	–	–	–
–	–	–	–
–	–	–	–

DESIGNED BY:
Pat Podesta - Road Manager 8-25-11
Name Title Date

REVIEWED BY:
Jolo Coombe CIVIL ENGR TECH 8-29-11
Name Title Date

RECOMMENDED BY:
Dan T. Blank AFE 8-25-11
Name Title Date

APPROVED BY:
Kerwin S. Dewberry 9/1/2011
DISTRICT RANGER Date

APPROVED BY:
Jon Hall 9/1/11
FOREST ENGINEER Date

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
R6
PACIFIC NORTHWEST REGION

Forest: ROGUE RIVER-SISKIYOU NATIONAL FOREST
District: HIGH CASCADES

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Drawn: P.Podesta
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Date: 8/20/2011
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Rev. Date:

Sheet Title: TITLE SHEET
Project Name: PONDEROSA TIMBER SALE

Project No:
Sheet 1 OF 8

LEGEND

- US HIGHWAY (101)
- STATE ROUTE (242)
- COUNTY ROUTE (90)
- NATIONAL FOREST PRIMARY ROUTE SUITABLE FOR PASSENGER CARS (PAVED) (33)
- NATIONAL FOREST SECONDARY ROUTE SUITABLE FOR PASSENGER CARS (NOT PAVED) (3347)
- NATIONAL FOREST ROUTE ROAD NOT MAINTAINED FOR PASSENGER CARS (060)
- SPECIFIED ROAD RECONSTRUCTION
- NATIONAL FOREST BOUNDARY
- Ⓓ DISPOSAL AREA
- Ⓦ WATER SOURCE
- GRAVEL PIT, BORROW PIT

R 3 E

R 4 E

T 34 S

BEGIN PROJECT ROAD 3200000 MP 2.00

END PROJECT ROAD 3200000 MP 3.82

BEGIN PROJECT ROAD 3200540 MP 1.62

END PROJECT ROAD 3200540 MP 2.74

RANCHERIA RD. 998

6 MILES TO BUTTE FALLS

T 35 S

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
R6
PACIFIC NORTHWEST REGION

Forest: ROGUE RIVER-SISKIYOU NATIONAL FOREST

District: HIGH CASCADES

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Rev. Date:

Sheet Title: VICINITY MAP

Project Name: PONDEROSA TIMBER SALE

Project No:

Sheet 2 OF 8

PONDEROSA TIMBER SALE	TOTAL ESTIMATED QUANTITIES																						
FP-03 Pay Items	Mobilization	Clearing and gubbing, disposal of tops and limbs (G), logs (I), stumps (F)	Brushing	Road reconditioning	Aggregate surface course, grading G, compaction method B	Temporary traffic control																	
Item Number:	15101	20102	23050	30322	32211	63501																	
Unit of Measure:	LSQ	LSQ	Mile	Mile	CY	LSQ																	
Contract Quantity					*																		
Road Number																							
3200000	All	All	1.82	1.82	2420	All																	
3220500	All	All	0.00	1.12	0	All																	
TOTAL FOR ALL ROAD	All	All	1.82	2.94	2420	All																	

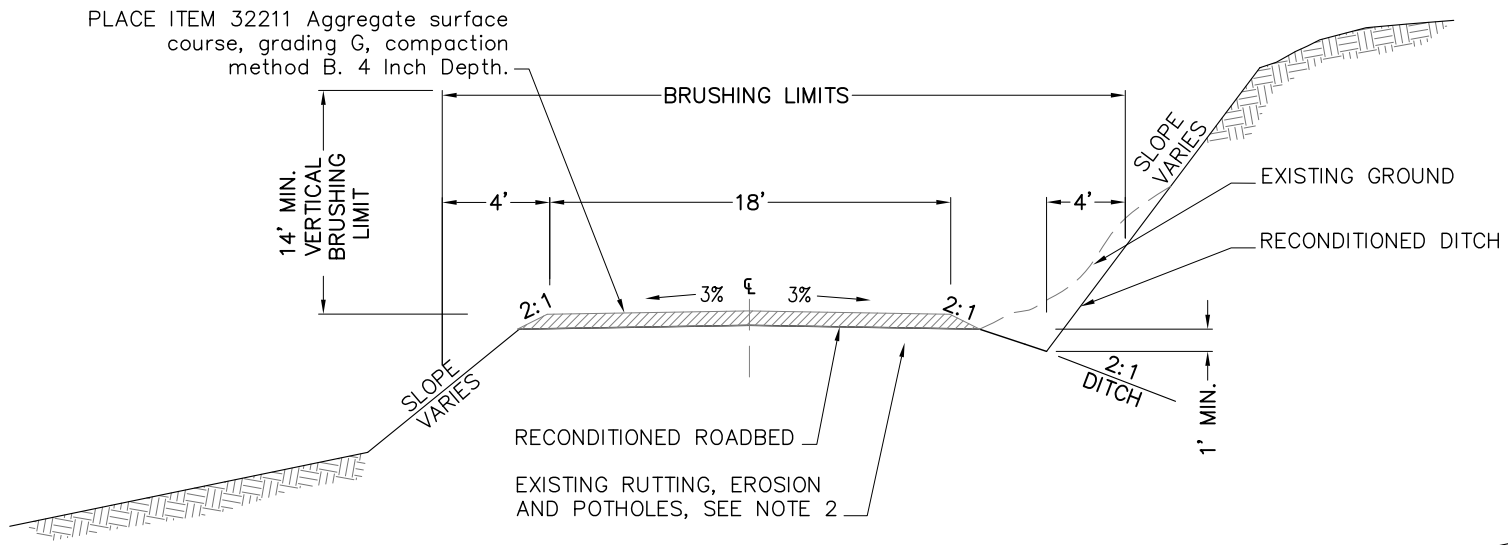
U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE R6 PACIFIC NORTHWEST REGION	ROGUE RIVER-SISKIYOU NATIONAL FOREST HIGH CASCADES DISTRICT	Design:	P. Podesta	PONDEROSA TIMBER SALE ESTIMATE OF QUANTITIES	Sheet No. 3 / Total Sheets 8
		Drawn:	P. Podesta		
		Checked:	D. Blank		
		Date	8/20/2011		

FSR #3200000		ESTIMATED QUANTITIES & WORK LIST																								
		FP-03 Pay Items	Mobilization	Clearing and gubbing, disposal of tops and limbs (G), logs (I), stumps (F)	Brushing	Road reconditioning	Aggregate surface course, grading G, compaction method B	Temporary traffic control																			
Mile Post		Item Number:	15101	20102	23050	30322	32211	63501																			
		Unit of Measure:	LSQ	LSQ	Mile	Mile	CY	LSQ																			
		Contract Quantity					*																				
Begin	End	Description of Work																									
2.00	3.82	Begin work on FSR 3200000 End County Rd 998	1					1																			
2.00	3.82	Brushing & disposal of roadside vegetation			1.82																						
2.00	3.82	Recondition road and ditch, clean culverts, dispose of waste material at MP 3.0				1.82																					
2.00	3.82	Place crushed aggregate, 4" depth, 18' width + turnouts					2420																				
2.05		Turnout right																									
2.15		Turnout left																									
2.31		Turnout right																									
2.39		Turnout left																									
2.43		Turnout left																									
2.52		Turnout left																									
2.56		Turnout left																									
2.80		Turnout left																									
2.83		Disposal site																									
2.94		Turnout left																									
3.00		Disposal site																									
3.04		Turnout right																									
3.21		Turnout left																									
3.32		Turnout right																									
3.40		Turnout left																									
3.54		Turnout right																									
3.63		Turnout right																									
3.67		Turnout right																									
	3.82	End work. Jct right w/FSR3240																									
TOTAL FOR ROAD			All	All	1.82	1.82	2420	All																			

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE R6 PACIFIC NORTHWEST REGION	ROGUE RIVER-SISKIYOU NATIONAL FOREST HIGH CASCADES DISTRICT	Design:	P. Podesta	PONDEROSA TIMBER SALE ROAD 3200000 WORK LIST	Sheet No.	Total Sheets
		Drawn:	P. Podesta		4	8
		Checked:	D. Blank			
		Date	8/20/2011			

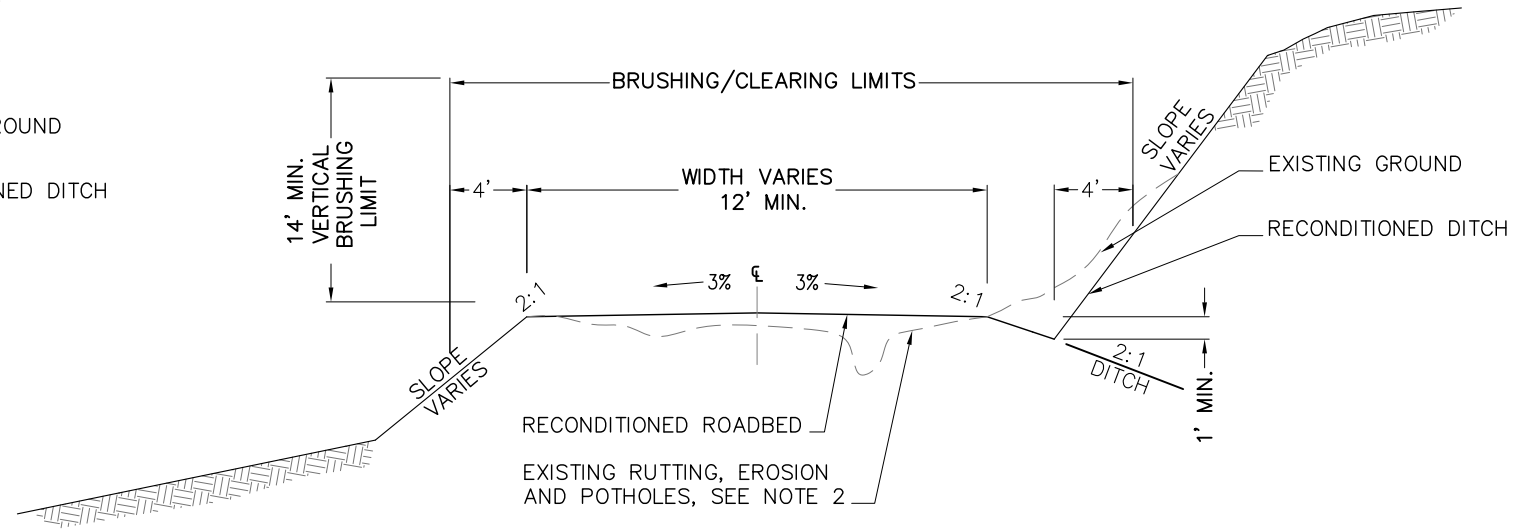
FSR #3200540		ESTIMATED QUANTITIES & WORK LIST																									
	FP-03 Pay Items	Mobilization	Clearing and gubbing, disposal of tops and limbs (G), logs (I), stumps (F)	Brushing	Road reconditioning	Aggregate surface course, grading G, compaction method B	Temporary traffic control																				
Mile Post	Item Number:	15101	20102	23050	30322	32211	63501																				
	Unit of Measure:	LSQ	LSQ	Mile	Mile	CY	LSQ																				
	Contract Quantity					*																					
Begin	End	Description of Work																									
1.62	2.74	Begin work on FSR 3200540	1					1																			
1.62	2.74	Clear and grub ditch and roadside vegetation		1	0.00																						
1.62	2.74	Recondition road and ditch, clean culverts, dispose of waste material				1.12																					
	2.74	End work.																									
TOTAL FOR ROAD			All	All	0.00	1.12	0	All																			

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE R6 PACIFIC NORTHWEST REGION	ROGUE RIVER-SISKIYOU NATIONAL FOREST HIGH CASCADES DISTRICT	Design: P. Podesta Drawn: P. Podesta Checked: D. Blank Date 8/20/2011	PONDEROSA TIMBER SALE ROAD 3200540 WORK LIST	Sheet No. 5	Total Sheets 8



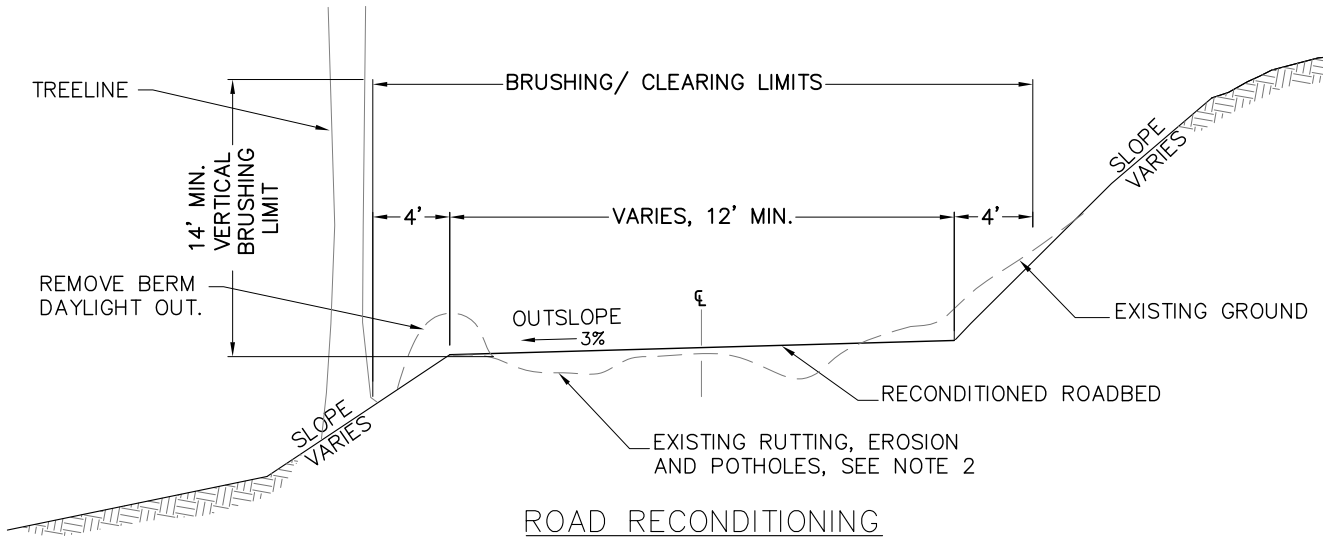
TYPICAL AGGREGATE SECTION W/ DITCH

3200000 MP 2.00–3.82

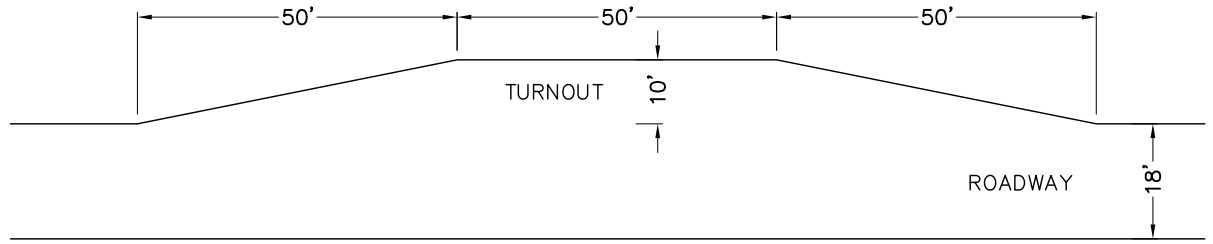


ROAD RECONDITIONING
TYPICAL DITCH SECTION

3200000 MP 2.00–3.82
3200540 MP 1.62–2.74 (CLEARING)



ROAD RECONDITIONING
TYPICAL NO DITCH SECTION

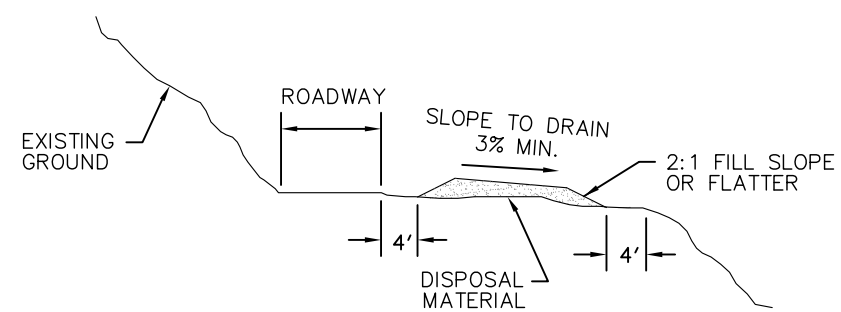


TURNOUT TYPICAL
PLAN VIEW

NOTES:

1. RECONDITION ROADS AS SHOWN AND IN ACCORDANCE WITH FP–03 SECTION 303. REQUIRED RECONDITIONING INCLUDES CURVE WIDENING AND TURNOUTS.
2. WHERE RUTTING, EROSION AND POTHOLES EXIST, SCARIFY TO DEPTH OF RUT/EROSION/POTHOLE, BLADE, SHAPE AND COMPACT EXISTING AGGREGATE OR NATIVE SURFACE MATERIAL.
3. REMOVE AND DISPOSE OF SLIDE, DITCH, AND CATCH BASIN MATERIAL. SEE VICINITY MAP FOR DISPOSAL SITE LOCATIONS OR AS STAKED ON THE GROUND. DISPOSAL/WASTE SITES SHALL BE APPROVED BY THE C.O. PRIOR TO USE.
4. PLACE CRUSHED AGGREGATE OVER 18' ROADWAY WIDTH & TURNOUTS SHOWN IN WORK LIST.

DRAWINGS
NOT TO SCALE



DISPOSAL AREA TYPICAL

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Forest: ROGUE RIVER-SISKIYOU NATIONAL FOREST
District: HIGH CASCADES

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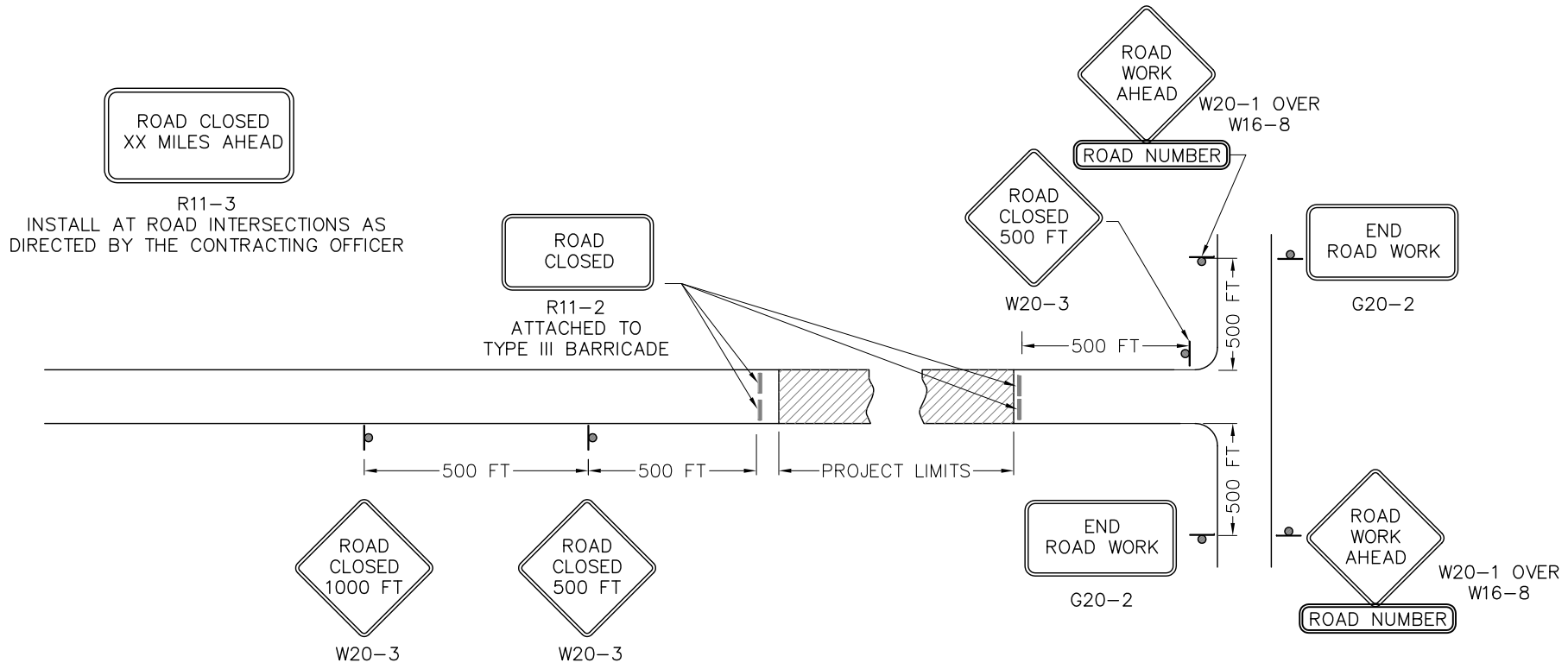
Rev. Date:

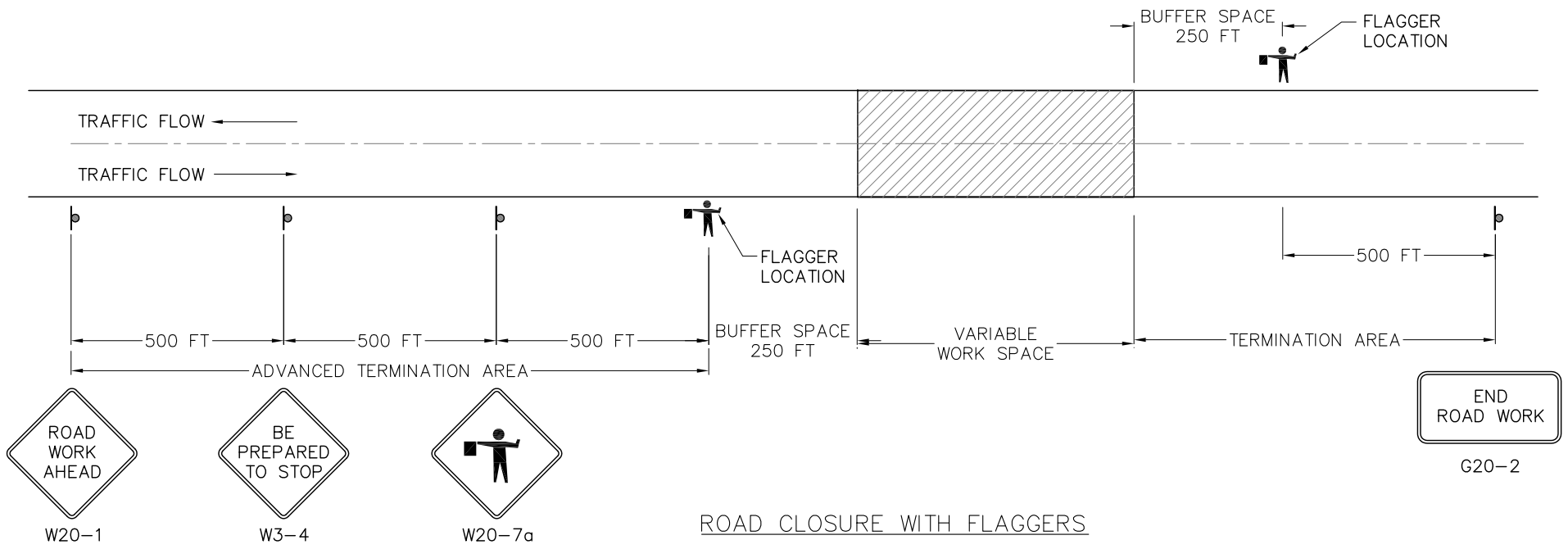
Sheet Title: TYPICAL SECTION DETAILS
Project Name: PONDEROSA TIMBER SALE

Project No:
Sheet 6 OF 8



ROAD CLOSURE WITHOUT FLAGGERS

NOTE
1. ERECT ALL ADVANCE WARNING SIGNS BEFORE STARTING CONSTRUCTION WORK.
2. NOT ALL DETAILS SHOWN ON THE TEMPORARY TRAFFIC CONTROL SHEETS MAY BE APPLICABLE TO THIS PROJECT. THE CONTRACTOR MAY ADD OR DELETE INFORMATION AND DETAILS IN THIS TRAFFIC CONTROL PLAN AS NECESSARY TO ACCOMMODATE ACTUAL OPERATIONS WITH WRITTEN APPROVAL FROM THE CONTRACTING OFFICER.
3. WHERE ADVANCE WARNING SIGNS, PLACED AS SHOWN, INTERFERE WITH PERMANENT SIGNS, LOCATE THE WARNING SIGNS AS DETERMINED BY THE CO FOR BEST RESULTS. VARY MESSAGES AS REQUIRED.
4. ADDITIONAL OR DIFFERENT MESSAGE SIGNS MAY BE REQUIRED TO FIT THE ACTUAL CONSTRUCTION CONDITIONS.
5. IF W20–1 IS ON A ROADWAY OTHER THAN THAT ON WHICH THE ACTUAL CONSTRUCTION WORK OCCURS, INCLUDE A SUPPLEMENTARY PLAQUE INDICATING THE NAME OF THE ROAD THE WORK IS ON.
6. IF SIGNS WILL BE IN PLACE MORE THAN 72 CONSECUTIVE HOURS, USE GROUND–MOUNTED POSTS.



ROAD CLOSURE WITH FLAGGERS

NOTE
1. SIGNS ARE SHOWN FOR ONE DIRECTION OF TRAVEL ONLY. PLACE DEVICES SIMILAR TO THOSE DEPICTED FOR THE OPPOSITE DIRECTION OF TRAVEL.
2. FINAL LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE CHANGED TO FIT FIELD CONDITIONS AS APPROVED BY THE CO.
3. FOR PILOT CAR OPERATION, MOUNT THE "PILOT CAR FOLLOW ME" (G20–4) SIGN AT A CONSPICUOUS LOCATION ON THE REAR OF VEHICLE. PROMINENTLY DISPLAY THE NAME OF THE CONTRACTOR ON THE PILOT CAR.
4. FOR NIGHT TIME FLAGGING OPERATION, PROVIDE FLOODLIGHTING AT FLAGGER STATIONS PER OSHA REGULATIONS.
5. DO NOT ALLOW EQUIPMENT, MATERIALS, OR VEHICLES TO BE PARKED OR STORED IN THE BUFFER SPACE.

DRAWINGS
NOT TO SCALE

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
R6
PACIFIC NORTHWEST REGION

Forest: ROGUE RIVER-SISKIYOU NATIONAL FOREST
District: HIGH CASCADES

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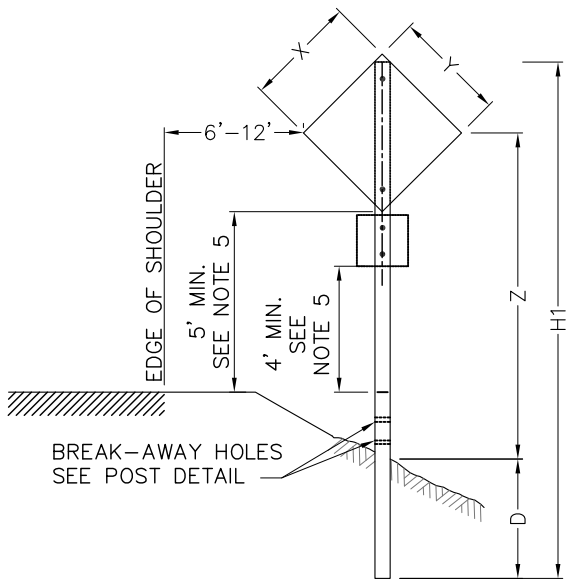
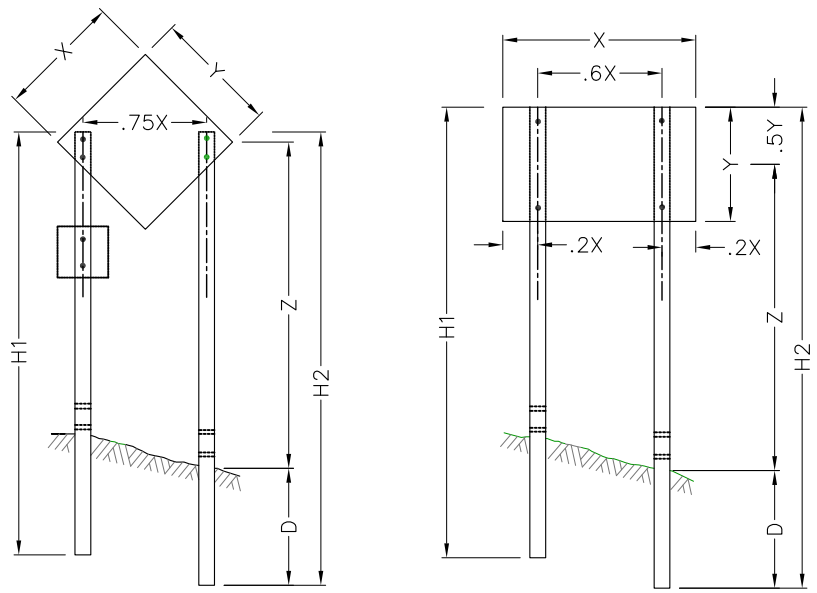
Sheet Title: TRAFFIC CONTROL TYPICAL ROAD CLOSURE OPTIONS
Project Name: PONDEROSA TIMBER SALE

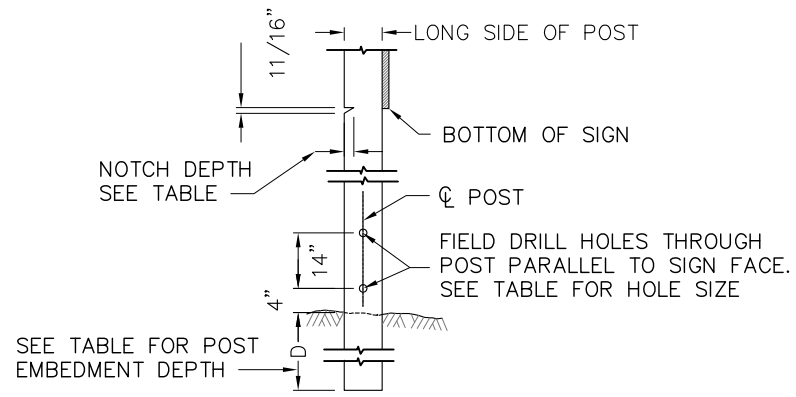
Project No:



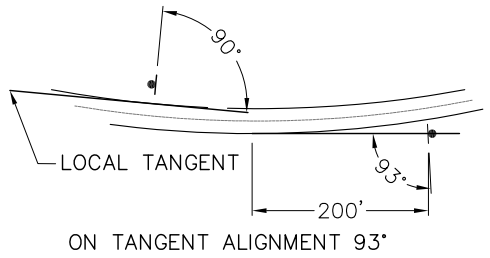
SIGN POST DETAIL



TWO POST SIGN



POST DETAIL



SIGN INSTALLATION ANGLE

DRAWINGS
NOT TO SCALE

WOOD POST SELECTION TABLE

SIGN SHAPE	X x Y	GROUND LINE TO CENTER OF SIGN HEIGHT (Z)									
		Z IS 10' OR LESS					Z IS GREATER THAN 10'				
		NUMBER OF POSTS	POST SIZE	D	HOLE SIZE	NOTCH DEPTH	NUMBER OF POSTS	POST SIZE	D	HOLE SIZE	NOTCH DEPTH
◇⬡	30" X 30"	1	4" X 4"	36"	0	0	1 or 2	4" X 6" 4" X 4"	48" 36"	1½" 0	0 0
◇⬡⯃	36" X 36"	1 or 2	4" X 6" 4" X 4"	48" 36"	1½" 0	0	1 or 2	4" X 6" 4" X 4"	48" 36"	1½" 0	0 0
◇⬡	48" X 48"	1	4" x 6"	48"	1½"	0	1 or 2	6" X 8" 4" X 6"	48" 48"	3" 1½"	0 1¾"
▭	60" X 30"	2	4" x 4"	36"	0	0	2	4" x 6"	48"	1½"	1¾"
▭	78" X 42"	2	4" x 6"	48"	1½"	1¾"	2	4" x 6"	48"	1½"	1¾"
▭	96" X 48"	2	4" x 6"	48"	1½"	1¾"	2	6" x 8"	48"	3"	2¼"

NOTE:

1. ATTACH SIGN PANELS WITH A MINIMUM OF 2 – ¼" DIA. BOLTS PER POST.
2. MOUNT SIGNS SMALLER THAN LISTED ON A SINGLE 4" X 4" POST. FOR SIGNS NOT SHOWN, USE NEXT LARGEST SIZE.
3. H1 AND H2 = OVERALL POST LENGTH.
   SELECT POST LENGTHS TO FIT FIELD CONDITIONS.
4. D = POST EMBEDMENT DEPTH FOR AVERAGE SOIL CONDITIONS.
5. WHEN PEDESTRIANS ARE PRESENT, OR IN AREAS WHERE THE VIEW IS OBSTRUCTED, USE 7' MINIMUM MOUNTING HEIGHT.
6. USE TYPE III OR HIGHER TYPE SHEETING ON ALL SIGNS AND CHANNELIZING DEVICES. WARNING LIGHTS ARE NOT NORMALLY NEEDED ON DEVICES WITH TYPE III OR HIGHER TYPE SHEETING, BUT MAY BE BENEFICIAL TO ATTRACT THE DRIVERS ATTENTION IN FOG OR OTHER SPECIAL CONDITIONS. WHEN USED, APPLY THE APPROPRIATE TYPE OR WARNING LIGHT (TYPE A, B, C, OR D) PER THE MUTCD CHAPTER 6F.
7. ENSURE ALL SIGN SUPPORTS EXPOSED TO IMPACT BY TRAFFIC MEET THE REQUIREMENTS OF NCHRP–350 FOR CRASH WORTHINESS.
8. DO NOT STORE TRAFFIC CONTROL DEVICES ALONG THE ROADWAY WHEN NOT IN USE. COVER POST–MOUNTED SIGNS WHEN NOT APPLICABLE.
9. STATE STANDARDS MAY BE USED AS AN ALTERNATIVE IF APPROVED BY THE CONTRACTING OFFICER.

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
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PACIFIC NORTHWEST REGION

Forest: ROGUE RIVER-SISKIYOU NATIONAL FOREST

District: HIGH CASCADES

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Date: 8/20/2011
Revised by:
Rev. Date:

Sheet Title: TRAFFIC CONTROL TYPICAL SIGN INSTALLATION REQUIREMENTS

Project Name: PONDEROSA TIMBER SALE

Project No:

Sheet 8 OF 8