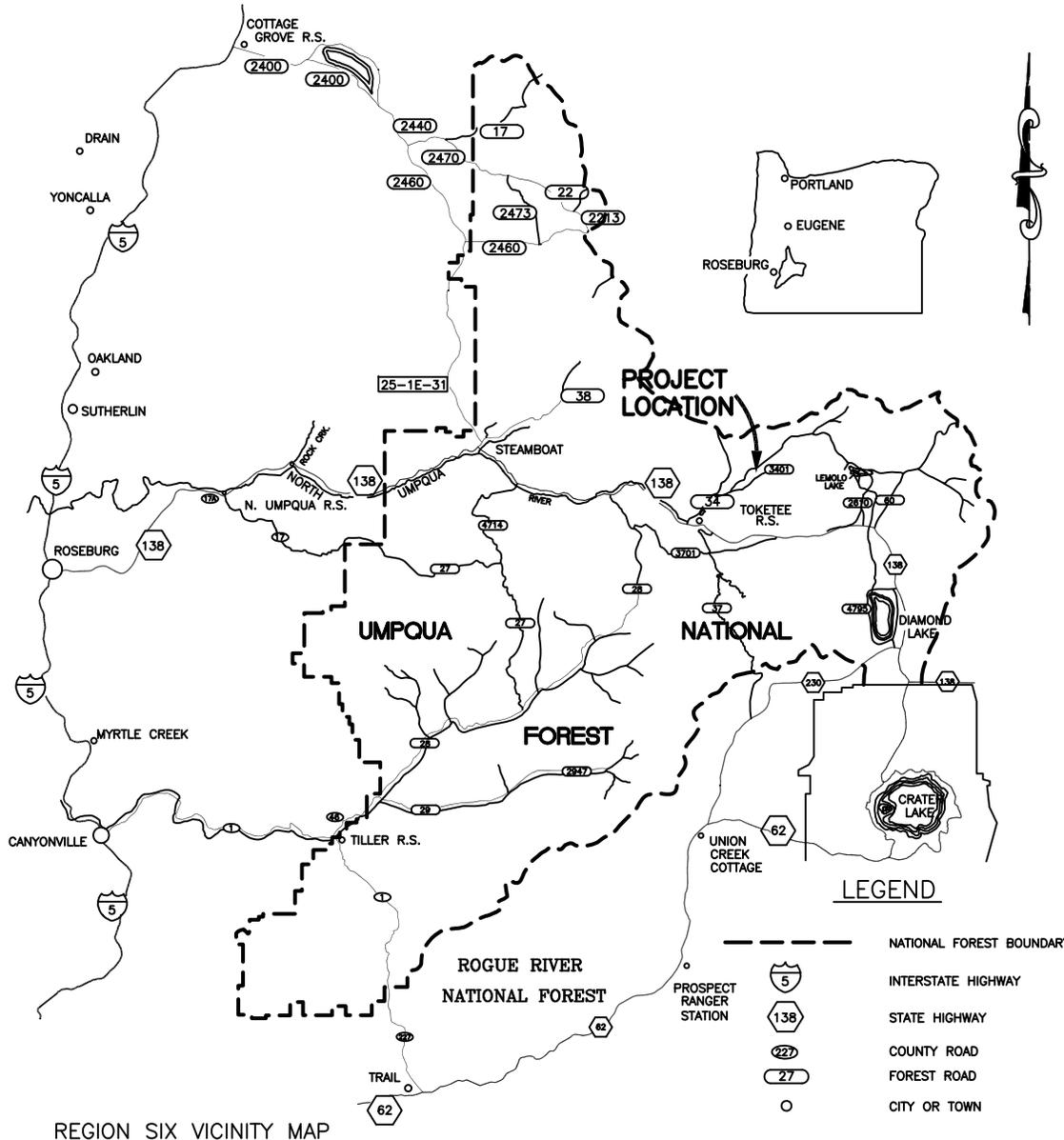




U.S. DEPARTMENT of AGRICULTURE
 FOREST SERVICE
 UMPQUA NATIONAL FOREST
 DIAMOND LAKE RANGER DISTRICT



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SHEET #	SHEET TITLE
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8	3400-101 WORKLIST
9	3400-103 & 3400-104 WORKLIST

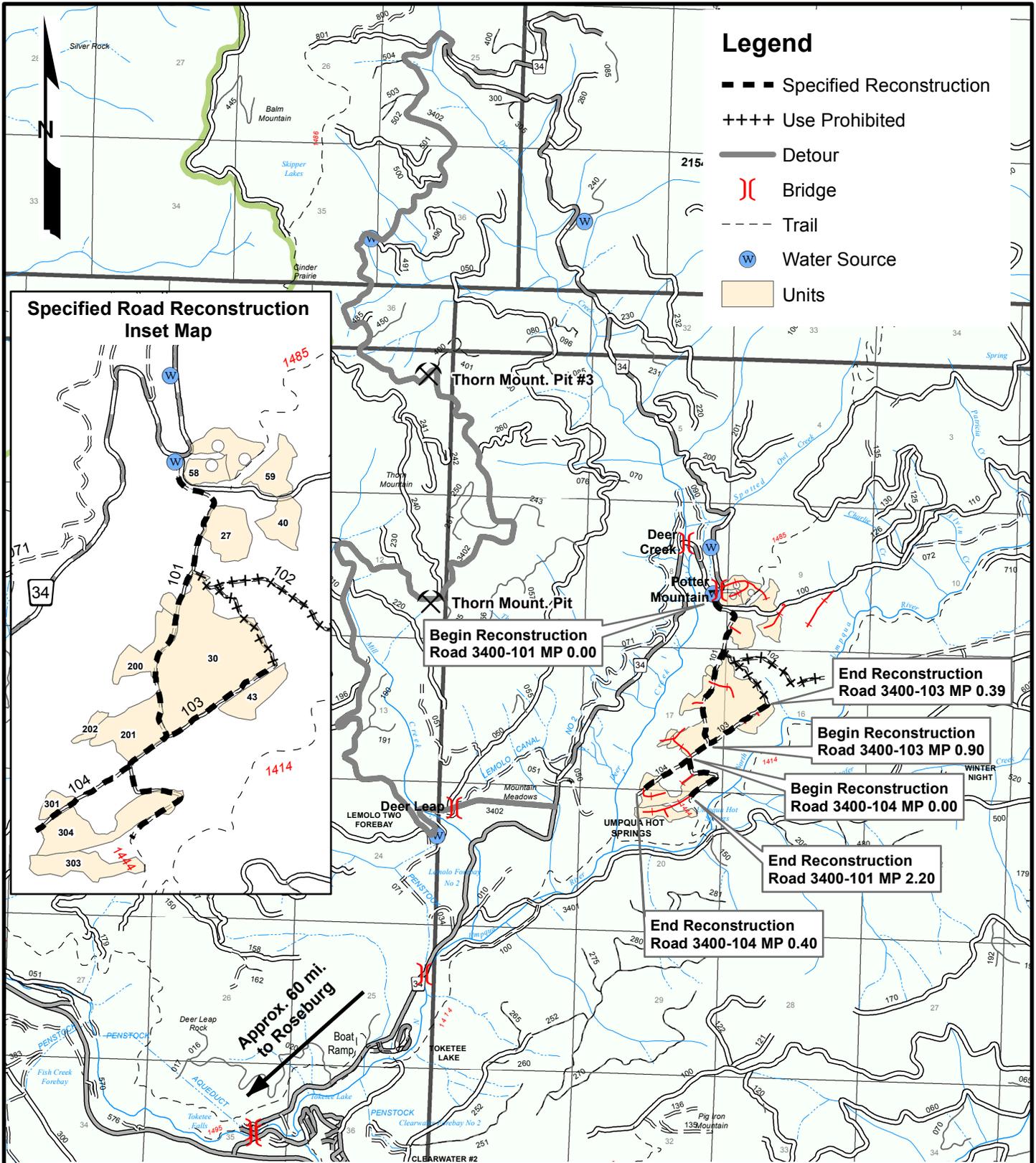
PROPOSED PROJECT

ROAD NUMBER	LENGTH	TYPE OF WORK
3400-101	2.20 MILES	RECONSTRUCTION
3400-103	0.51 MILES	RECONSTRUCTION
3400-104	0.40 MILES	RECONSTRUCTION

RECOMMENDED BY:	DESIGNED BY:
DATE:	DATE:
TRANSPORTATION ENGINEER	PLAN IN HAND BY:
APPROVED BY:	DATE:
DISTRICT RANGER	DATE:
DATE:	REVIEWED BY:
FOREST ENGINEER	DATE:
	PROJECT TEAM LEADER/DISTRICT ENGINEER

SIMON TIMBER SALE

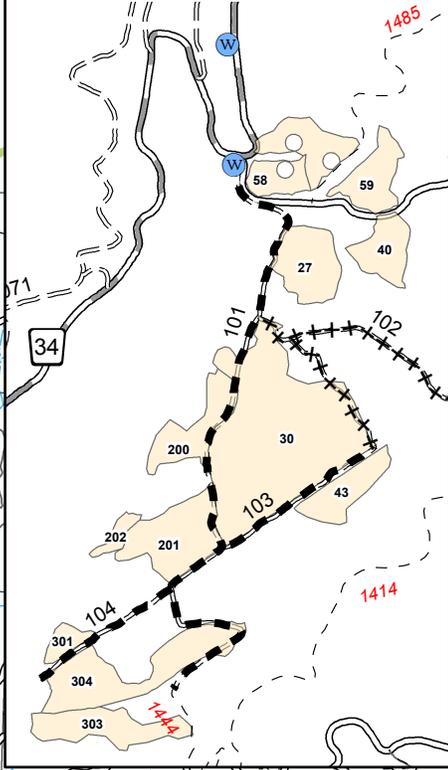
SHT 1
 OF 9



Legend

- Specified Reconstruction
- ++++ Use Prohibited
- Detour
- ⌋ Bridge
- - - Trail
- ⊙ Water Source
- Units

Specified Road Reconstruction Inset Map



Begin Reconstruction
Road 3400-101 MP 0.00

End Reconstruction
Road 3400-103 MP 0.39

Begin Reconstruction
Road 3400-103 MP 0.90

Begin Reconstruction
Road 3400-104 MP 0.00

End Reconstruction
Road 3400-101 MP 2.20

End Reconstruction
Road 3400-104 MP 0.40

Approx. 60 mi.
to Roseburg

NOTE: UNITS SHOWN ARE FOR DISPLAY PURPOSES ONLY. FOR EXACT UNIT LOCATIONS, SEE THE SALE AREA MAP.

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UMPQUA NATIONAL FOREST - DIAMOND LAKE RANGER DISTRICT

DRAWN _____	DATE: _____
DRAWN _____	DATE: _____
REVIEWED _____	DATE: _____

TIMBER SALE NAME: SIMON TIMBER SALE

SHEET TITLE: VICINITY MAP

SHT. 2
OF 9

ESTIMATE OF QUANTITIES

NOTES:
 1. All volume unit pay items are measured in-place. All reference to quantities of excavated volumes refer to original (prior to excavation) volume.
 2. See worklists and vicinity map for further description and location of work.
 3. Units are measured as actual quantity unless denoted by an asterisk *. If denoted by an asterisk (*), the quantity is measured as a contract quantity in accordance with FP-03 109.2.

NOTES:
 4. All waste material, woody debris, slash or boulders shall be hauled and placed in disposal areas at Thorn Mountain Pit, located at MP 5.04 FSR 3402.
 5. Obtain pitrun from from Thorn Mountain Pit, located on FSR 3402 MP 5.04 and Fish Creek Quarry, located at FSR 3700-200 MP 0.20.

Pay Item	Description	Road No.	3400-101	3400-103	3400-104	Total Quantities	Remarks
		Project Length (Miles)	2.20	0.51	0.40		
		Work Type	Recon	Recon	Recon		
151-01	Mobilization	L.S.	ALL REQUIRED			1	Mobilization for all roads
202-58	Selective clearing, fall and leave individual trees, grub stump and roots	Each	13	-	-	13	
203-05	Removal of obstruction	Each	8	-	-	8	
204-20	Drainage excavation, type - drivable cross ditch	Each	12	-	-	12	
230-50	Roadside Brushing	Mile	2.20	0.51	0.40	3.11	
303-57	Roadway reconditioning, compaction method B	Mile	2.20	0.51	0.40	3.11	
322-22	Pit run maximum size 6", Compaction Method B	C.Y.*	2060	-	-	2060	Obtain from Fish Creek Pit and Thorn Mountain Pit

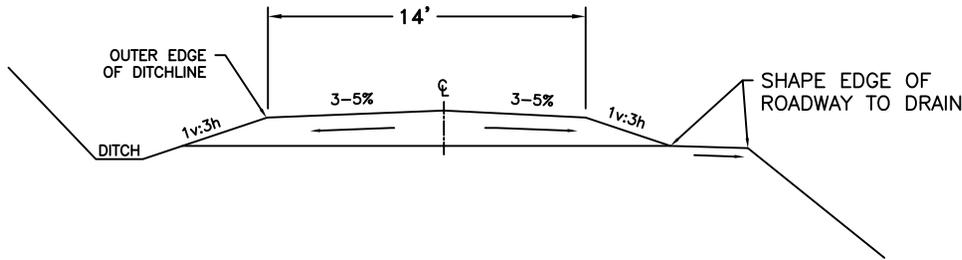
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 UMPQUA NATIONAL FOREST - DIAMOND LAKE RANGER DISTRICT

APPROVED _____ DATE: _____	DRAWN BY _____ DATE: _____	TIMBER SALE NAME: SIMON TIMBER SALE	SHEET TITLE: ESTIMATE OF QUANTITIES	SHT. 3
	REVIEWED _____ DATE: _____			OF 9

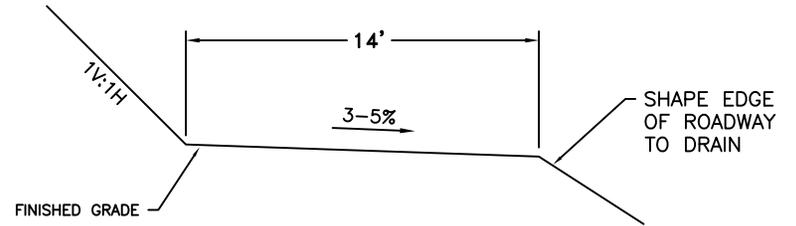
ROAD RECONDITIONING TYPICALS

DRAWINGS NOT TO SCALE

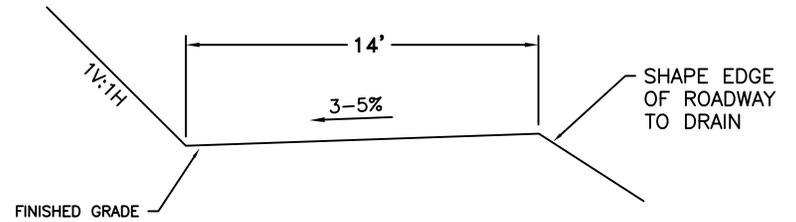
CROWNED ROAD TYPICAL



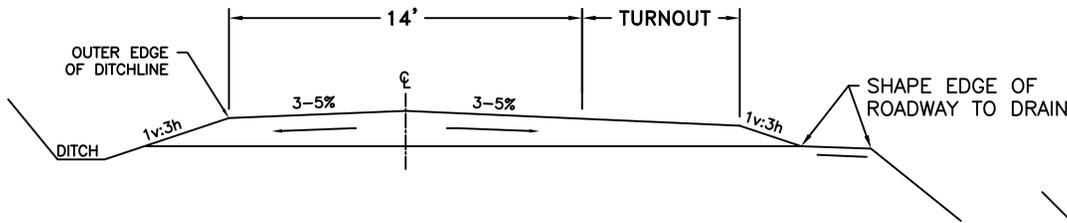
OUTSLOPE ROAD-NO DITCH TYPICAL



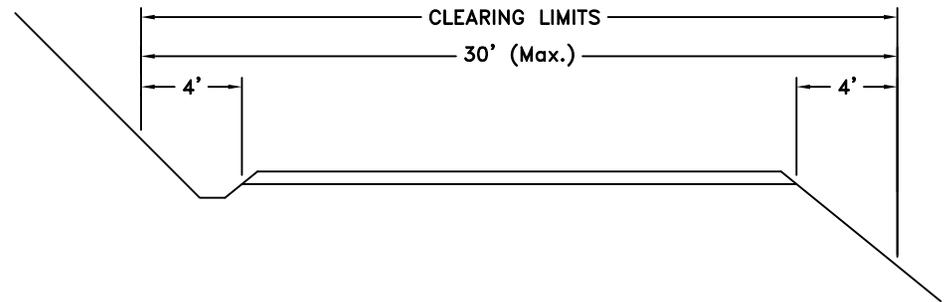
INSLOPE ROAD-NO DITCH TYPICAL



CROWNED ROAD WITH TURNOUT TYPICAL



DITCH SECTION



NOTES:

1. RE-ESTABLISH A 14-FT WIDE TRAVELWAY MEASURED FROM THE OUTER EDGE OF DITCHLINE.
2. CROWN RECONDITIONED TRAVELWAY. SLOPE 3-5% AWAY FROM CENTERLINE OF TRAVELWAY.
3. CREATE A 1v:3h SLOPE AT EDGE OF RECONDITIONED TRAVELWAY.

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APPROVED _____ DATE: _____

DRAWN BY _____ DATE: _____
 REVIEWED _____ DATE: _____

TIMBER SALE NAME:
 SIMON TIMBER SALE

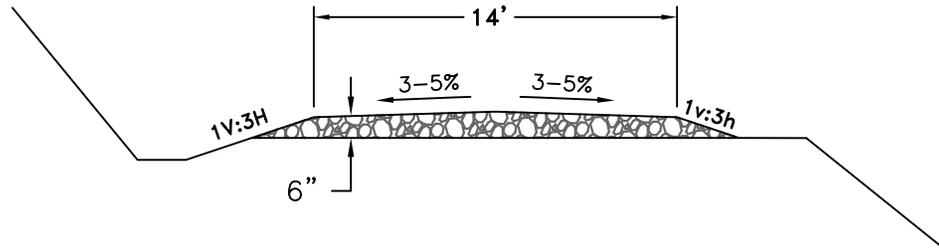
SHEET TITLE:
 RECONDITIONING
 ROAD TYPICAL

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 OF 9

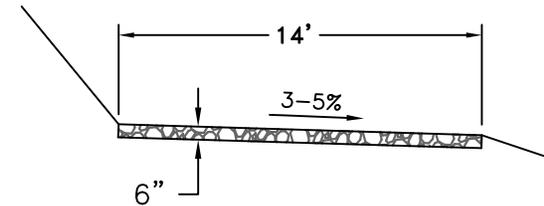
PITRUN PLACEMENT CROSS SECTION TYPICALS

DRAWINGS NOT TO SCALE

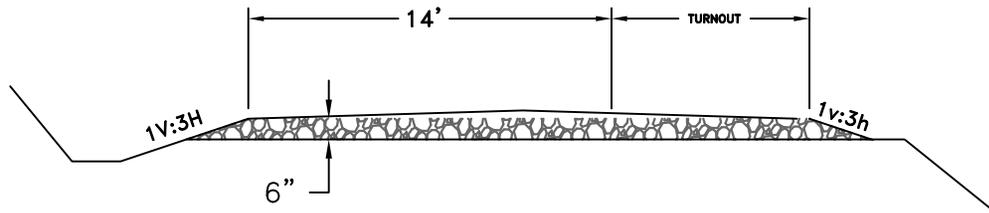
CROWNED WITH DITCH



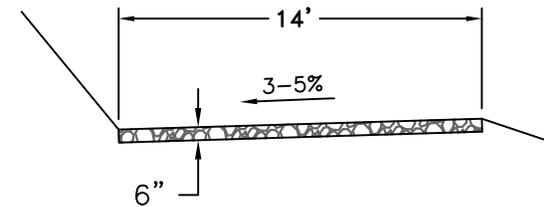
OUTSLOPED WITHOUT DITCH



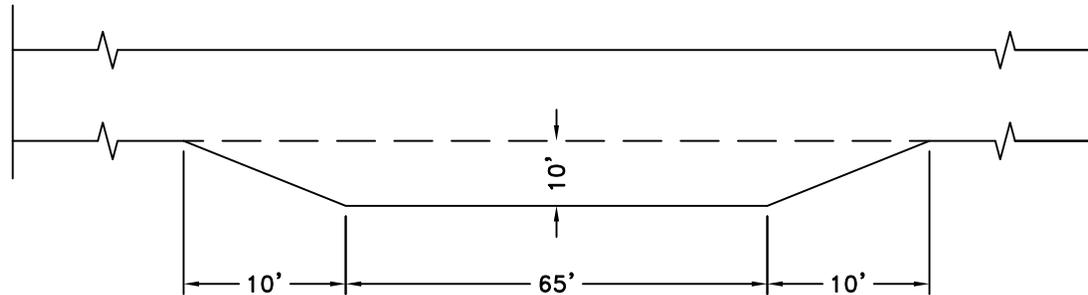
TURNOUT WITH DITCH



INSLOPED WITHOUT DITCH



TURNOUT PLAN VIEW



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TIMBER SALE NAME:
 SIMON TIMBER SALE

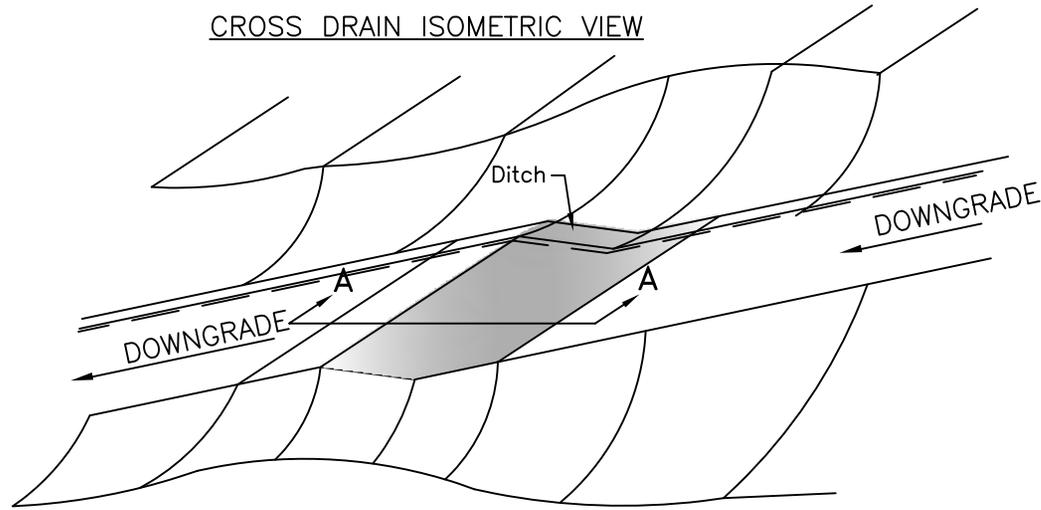
SHEET TITLE:
 PITRUN PLACEMENT
 TYPICAL

SHT. 5
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DRIVABLE CROSS DRAIN TYPICALS

DRAWINGS NOT TO SCALE

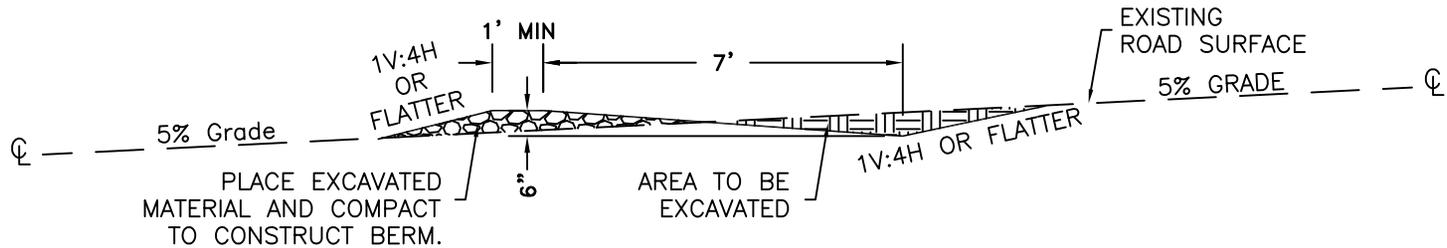
CROSS DRAIN ISOMETRIC VIEW



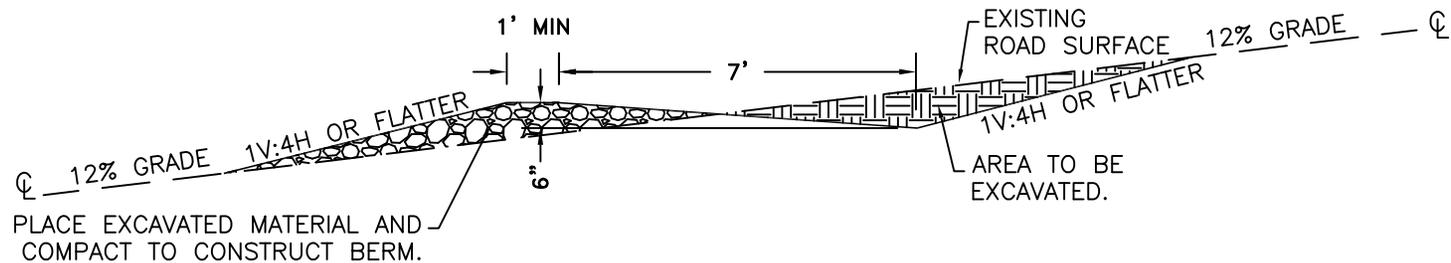
NOTES:

1. FLOWLINE SHALL BE HORIZONTALLY SKEWED 60 DEGREES FROM THE ROAD CENTERLINE, UNLESS OTHERWISE DESIGNATED IN THE ROAD LISTING.
2. BERM OF EXCAVATED MATERIAL SHALL CROSS ENTIRE ROADBED AND DITCHLINE, UNLESS OTHERWISE DESIGNATED IN THE ROAD LISTING.

5% ROAD GRADE PROFILE TYPICAL



12% ROAD GRADE PROFILE TYPICAL



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 REVIEWED _____ DATE: _____

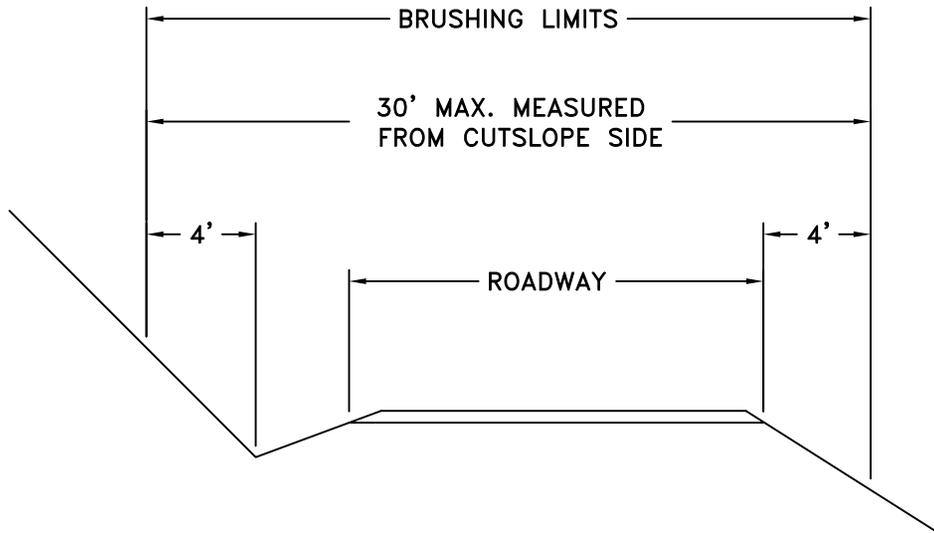
TIMBER SALE NAME:
 SIMON TIMBER SALE

SHEET TITLE:
 DRIVABLE CROSS DRAIN
 TYPICAL

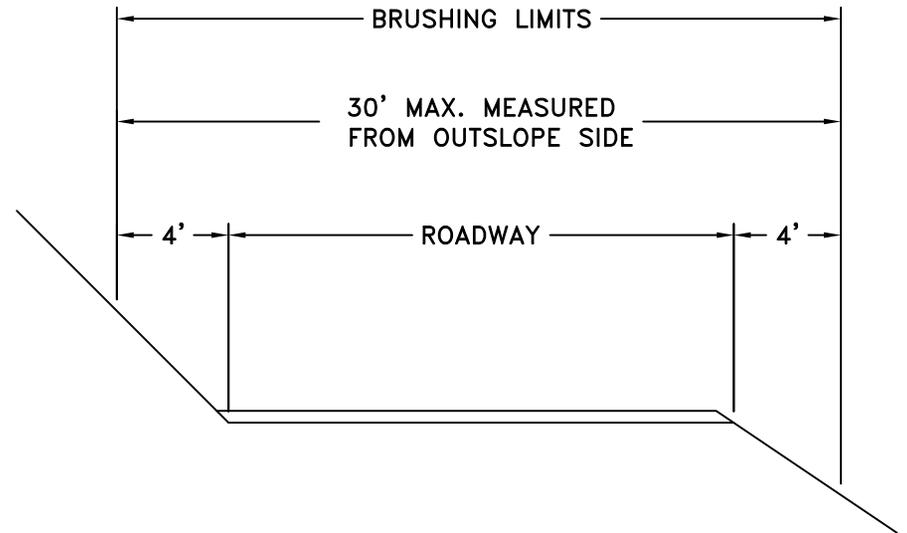
SHT. 6
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ROADSIDE BRUSHING for SPEC 230
DRAWINGS NOT TO SCALE

DITCH SECTION



NO-DITCH SECTION



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APPROVED _____ DATE: _____

DRAWN BY _____ DATE: _____
REVIEWED _____ DATE: _____

TIMBER SALE NAME:
SIMON TIMBER SALE

SHEET TITLE:
BRUSHING TYPICAL

SHT. 7
OF 9

MP	SPECIFIED ROAD WORKLIST- ROAD 3400-101	PAY ITEM	QUANTITY
0.00	Junction of 34 road. Begin roadside brushing, see typical on sheet 7. Begin reconditioning existing roadway. Establish 14-foot travel way and scarify surface in accordance with FP-03 303.05. Shape and compact the traveled way, shoulders and existing staked turnouts. See typical for crowned, outsloped, and insloped surface on sheet 4. Begin pitrun base placement, 6-inch depth with crowned road surface, compaction method B, on existing roadway and staked turnouts. See typical for crowned, outsloped, and insloped surface on sheet 5.	230-50	2.20 MI
		303-57	2.20 MI
		322-22	2060 CY
0.13	End crowned road surface and begin insloping road without ditch.		
0.22	End insloped road surface and begin crowned road surface.		
0.23	Install drivable cross ditch.	204-20	1 EA
0.35	Install drivable cross ditch.	204-20	1 EA
0.40	End crowned road surface and begin outsloped road without ditch.		
0.44	Install drivable cross ditch.	204-20	1 EA
0.48	Install drivable cross ditch.	204-20	1 EA
0.52	End outsloped road surface and begin crowned road surface.		
0.77	Fall and leave trees marked by F.S. within the site location. Grub stump deep enough to remove stump and roots.	202-58	2 EA
0.89	Fall and leave tree marked by F.S. within the site location. Grub stump deep enough to remove stump and roots.	202-58	1 EA
0.90	Fall and leave tree marked by F.S. within the site location. Grub stump deep enough to remove stump and roots.	202-58	1 EA
0.96	Fall and leave tree marked by F.S. within the site location. Grub stump deep enough to remove stump and roots.	202-58	1 EA
0.98	Fall and leave trees marked by F.S. within the site location. Grub stump deep enough to remove stump and roots.	202-58	2 EA
1.02	Fall and leave tree marked by F.S. within the site location. Grub stump deep enough to remove stump and roots.	202-58	1 EA
1.07	Fall and leave danger tree marked by F.S. within the site location.	202-58	1 EA
1.10	Fall and leave tree marked by F.S. within the site location. Grub stump deep enough to remove stump and roots.	202-58	1 EA
1.25	Fall and leave tree marked by F.S. within the site location. Grub stump deep enough to remove stump and roots.	202-58	1 EA
1.27	Fall and leave tree marked by F.S. within the site location. Grub stump deep enough to remove stump and roots.	202-58	1 EA
1.28	Fall and leave tree marked by F.S. within the site location. Grub stump deep enough to remove stump and roots.	202-58	1 EA
1.35	End pitrun base placement. Junction left 3400-103.		
1.57	Junction right 3400-104.		
1.92	Remove existing impassable road barrier earthen berm and install drivable cross ditch.	203-05	1 EA
		204-20	1 EA
1.95	Remove existing impassable road barrier earthen berm and install drivable cross ditch.	203-05	1 EA
		204-20	1 EA
1.97	Remove existing impassable road barrier earthen berm and install drivable cross ditch.	203-05	1 EA
		204-20	1 EA
1.99	Remove existing impassable road barrier earthen berm and install drivable cross ditch.	203-05	1 EA
		204-20	1 EA
2.00	Remove existing impassable road barrier earthen berm and install drivable cross ditch.	203-05	1 EA
		204-20	1 EA
2.02	Remove existing impassable road barrier earthen berm and install drivable cross ditch.	203-05	1 EA
		204-20	1 EA
2.03	Remove existing impassable road barrier earthen berm and install drivable cross ditch.	203-05	1 EA
		204-20	1 EA
2.06	Remove existing impassable road barrier earthen berm and install drivable cross ditch.	203-05	1 EA
		204-20	1 EA
2.20	End roadside brushing and reconditioning.		

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_____ DATE: _____ APPROVED	DRAWN BY _____ DATE: _____	TIMBER SALE NAME: SIMON TIMBER SALE	SHEET TITLE: 3400-101 WORKLIST	SHT. 8
	REVIEWED _____ DATE: _____			OF 9

MP	SPECIFIED ROAD WORKLIST- ROAD 3400-103	PAY ITEM	QUANTITY
0.90	Junction of 3400-101 road. Begin roadside brushing, see typical on sheet 7. Begin reconditioning existing roadway. Establish 14' travel way by shifting the road to the North. Scarify surface in accordance with FP-03 303.05. Shape and compact the traveled way, shoulders and existing staked turnouts. See typical for crowned surface on sheet 4.	230-50	0.51 MI
		303-57	0.51 MI
0.39	End roadside brushing and reconditioning.		
MP	SPECIFIED ROAD WORKLIST- ROAD 3400-104	PAY ITEM	QUANTITY
0.00	Junction of 3400-101 road. Begin roadside brushing, see typical on sheet 7. Begin reconditioning existing roadway. Establish 14' travel way by shifting the road to the North. Scarify surface in accordance with FP-03 303.05. Shape and compact the traveled way, shoulders and existing staked turnouts. See typical for crowned surface on sheet 4.	230-50	0.40 MI
		303-57	0.40 MI
0.40	End roadside brushing and reconditioning.		

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_____ DATE: _____ APPROVED	DRAWN BY _____ DATE: _____	TIMBER SALE NAME: SIMON TIMBER SALE	SHEET TITLE: 3400-103 & 3400-104 WORKLISTS	SHT. 9
	REVIEWED _____ DATE: _____			OF 9