UNITED STATES DEPARTMENT OF AGRICULTURE

FOREST SERVICE - REGION SIX

DESCHUTES FOREST

CRESCENT RANGER DISTRICT

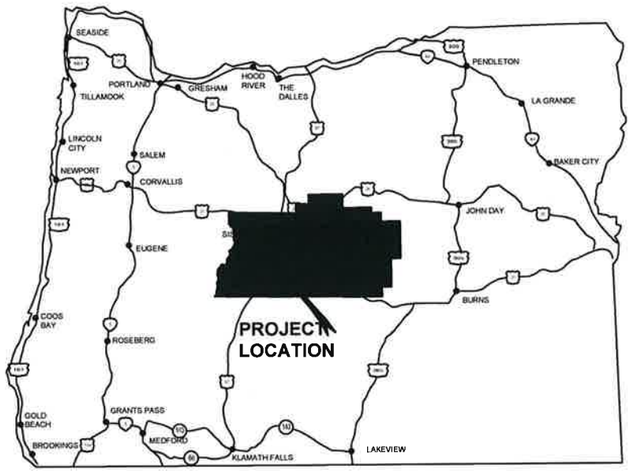
DRAWINGS FOR PROPOSED

NINA STEWARDSHIP

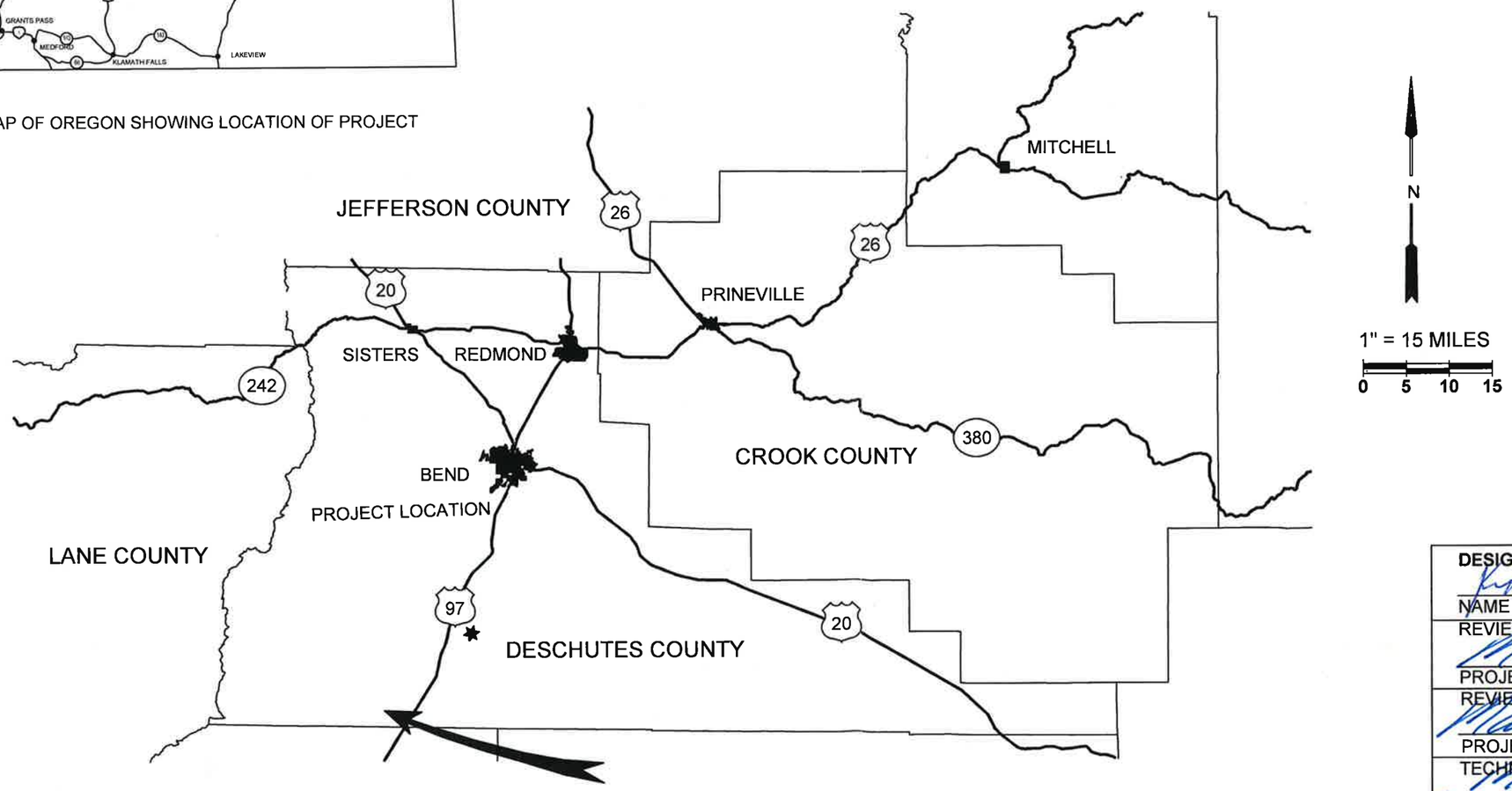
ROAD NO.	LENGTH (MILE)	TYPE OF WORK	SHEET NO.
9751	1.13	GRADING, RESURFACING,	1-4,6
9751910	0.05	RESURFACING,	1-3, 5-6
9774080	0.05	RESURFACING,	1-3, 5-6

INDEX TO SHEETS

NO.	DESCRIPTION
1	TITLE SHEET
2-3	VICINITY MAP
4	ESTIMATE OF QUANTITIES
5	AGGREGATE TYPICAL SECTION
6	PIPELINE CROSSING RECONSTRCTION
7	SIGN PLAN

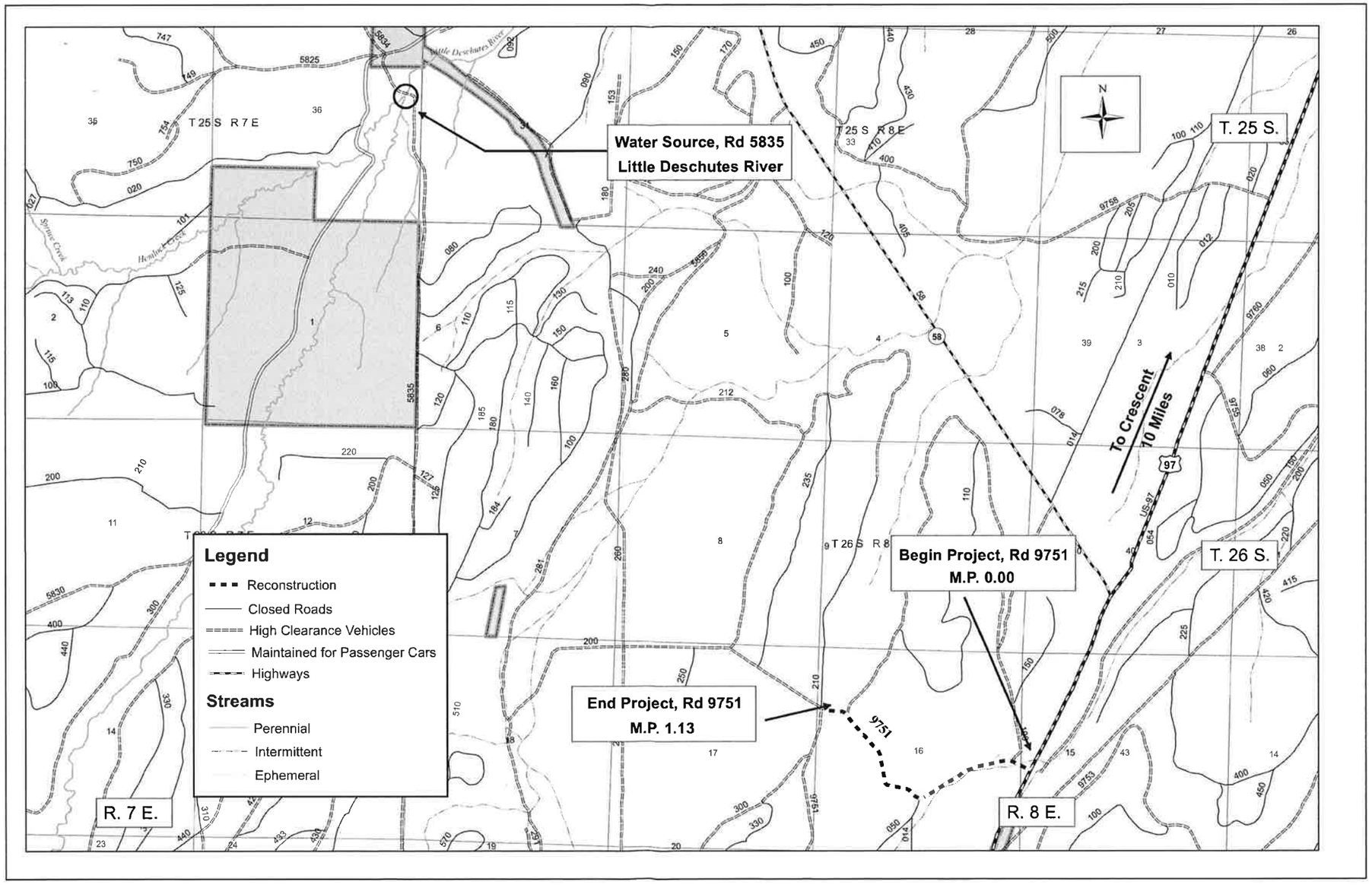


KEY MAP OF OREGON SHOWING LOCATION OF PROJECT



DESIGNED BY: NAME	DATE 08/09/13
REVIEWED BY: PROJECT ENGINEER	DATE 8/9/13
REVIEWED BY: PROJECT MANAGER	DATE 8/9/13
TECHNICALLY APPROVED BY: for FOREST ENGINEER	DATE 8/9/13
UNIT MANAGER APPROVED BY: DISTRICT RANGER	DATE

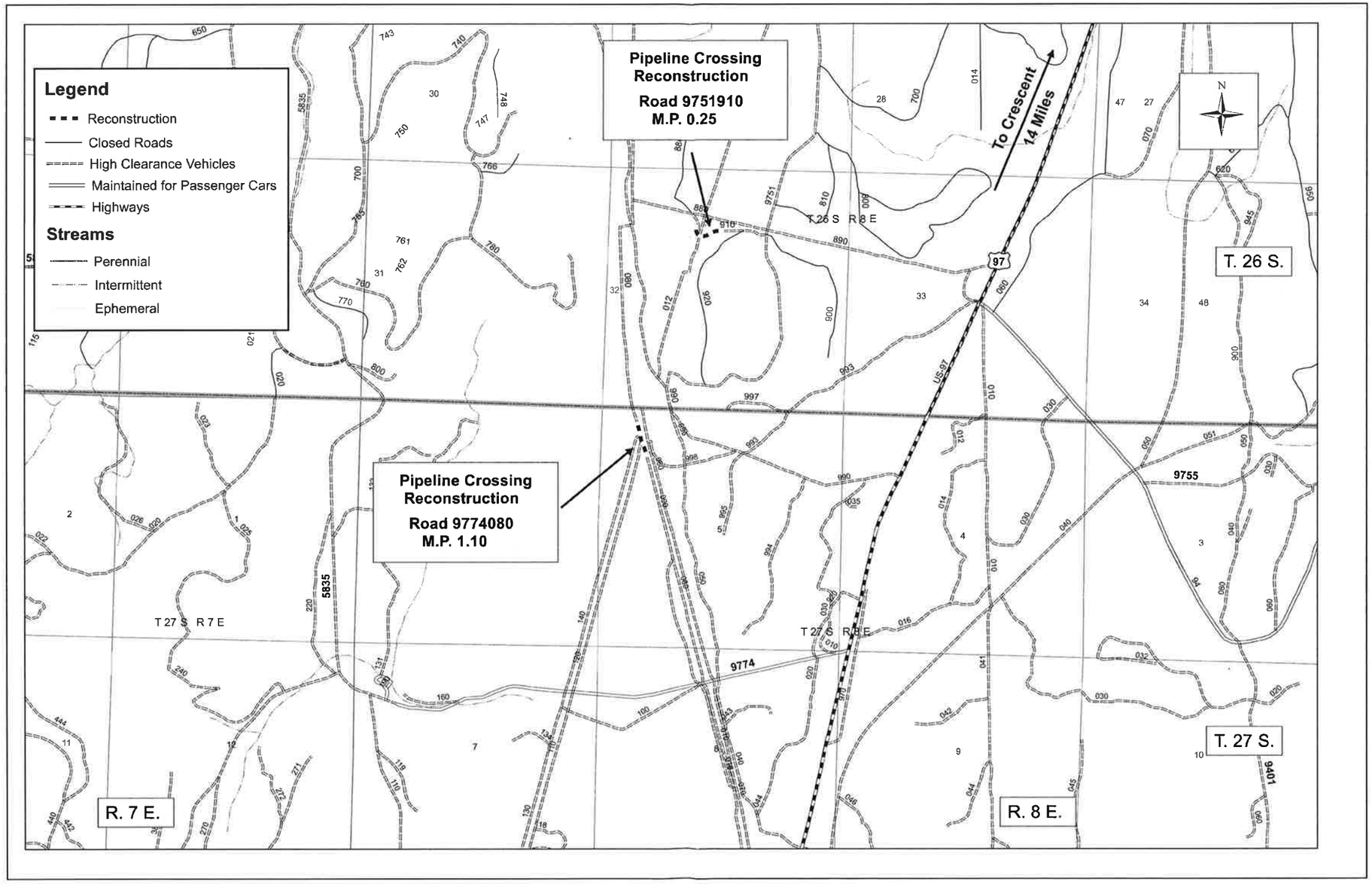
VICINITY MAP



U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
R-6
PACIFIC NORTHWEST REGION

Forest	DESCHUTES
Project Name	NINA STEWARDSHIP
Sheet Title	VICINITY MAP ROAD 9751
Scale	N.T.S.
Sheet	2 of 7

VICINITY MAP



U.S. DEPARTMENT OF AGRICULTURE
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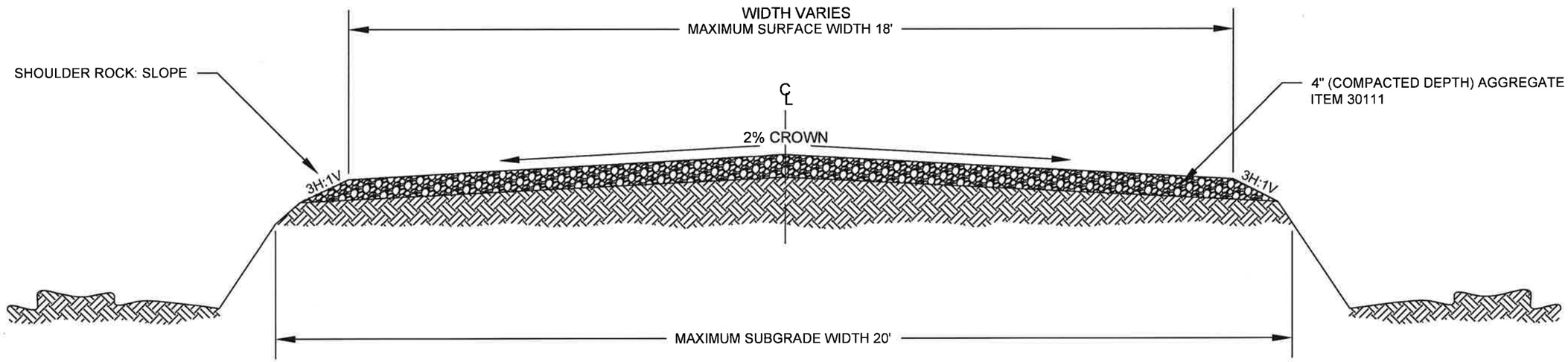
PACIFIC NORTHWEST REGION

Forest	DESCHUTES
Project Name	NINA STEWARDSHIP
Sheet Title	VICINITY MAP PIPELINE CROSSINGS
Scale	N/A
Sheet	3 of 7

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION		PAY UNIT	ROAD NUMBER 9751	9751910	9774080			TOTALS	REMARKS
				QUANTITIES						
15101	Mobilization		L.S.	ALL					ALL	Cleaning of equipment for noxious weeds and temporary traffic control are indirect to this pay item. As per FSSS 171.
30111	Aggregate surface course, grading U, compaction method B	Contract Quantity	C.Y.	1,459	250	250			1,959	¾" minus crushed aggregate (FP-03, Table 703-3, Gradation "U"). Quantities shown are compacted in place volume, it is the contractor's responsibility to determine the loose quantity to be hauled and placed. Water for compaction is indirect to this pay item. Obtain from Little Deschutes River @ Road 5835, see sheet #2 for location. Roadbed reconditioning is indirect to this pay item and will be performed on FS Road 9751 before new surface aggregate is placed. See FP-03 Section 303 for road reconditioning requirements.

TYPICAL AGGREGATE SECTION
Road 9751



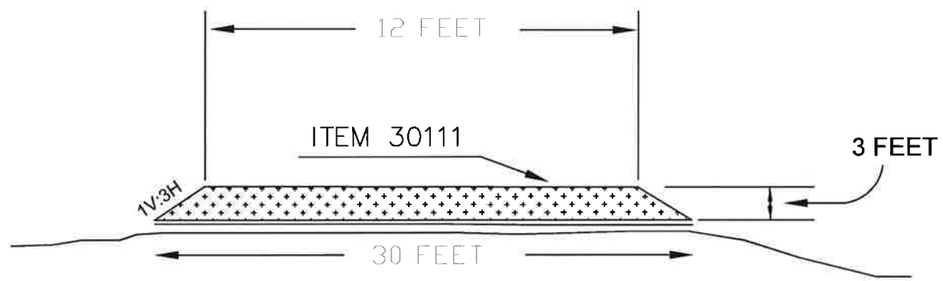
NOTES:

1. PLACE ITEM 30111 ON ENTIRE TRAVELED WAY UP TO A MAXIMUM SURFACE WIDTH OF 18 FEET.
2. RECONDITION ENTIRE EXISTING ROAD SURFACE TO A MAXIMUM WIDTH OF 20 FEET FOR AGGREGATE PLACEMENT.
3. WATER FOR CONSTRUCTION-INDUCED MAINTENANCE, ROAD RECONDITIONING, AND AGGREGATE PLACEMENT ARE INDIRECT TO PAY ITEM ITEM 30111. LOCATION OF WATER SOURCE IS IDENTIFIED ON SHEET #2.
4. COSTS FOR SIGNS ARE INDIRECT TO THE CONTRACT. EQUIPMENT CLEANING IS INDIRECT TO PAY ITEM ITEM 15101 MOBILIZATION.

ROAD NUMBER	SHEET	TOTAL SHEETS
Listed	6	7

TYPICAL SECTION

Roads 9751910, 9774080



1. ITEM 30111 SHALL BE APPLIED AT FULL DEPTH FOR A DISTANCE OF 100 FEET AT LOCATIONS STAKED ON THE GROUND BY THE FOREST SERVICE. LENGTH OF DEPTH TAPER AT EACH END SHALL BE 25 FEET.

NOT TO SCALE

SIGN PLAN

TRUCKS	W20-1	W20-7A	W21-3	W20-7B
30" X 30"	30" X 30"	30" X 30"	36" X 36"	30" X 30"

GENERAL NOTES:

1. ADVANCED FLAGGER SIGNS SHALL BE LOCATED A MINIMUM OF 300 FEET PRIOR TO END OF WORK AREA.
2. "ROAD WORK AHEAD", "BE PREPARED TO STOP" AND FLAGGER SIGNS SHALL BE SEPARATED BY A MINIMUM OF 300 FEET.
3. "TRUCKS" SIGNS SHALL BE PLACED ON THE FOLLOWING HAUL ROUTE:
   B.O.P.: JUNCTION OF THE 2120 ROAD AND COUNTY ROAD 21, AND AT
   E.O.P.: JUNCTION OF THE 2120 ROAD AND THE 9736 ROAD.
4. "ROAD MACHINERY AHEAD" SIGNS SHALL BE PLACED AT LEAST 500 FEET EACH SIDE OF SITES WHERE MACHINERY IS WORKING.
5. SIGNING IS INDIRECT TO ALL CONSTRUCTION ITEMS.

NOTES:

SIGN PLACEMENT & SIZES SHALL CONFORM TO MUTCD STANDARDS FOR CONSTRUCTION SIGNING. SIGN NUMBERS ARE FROM MUTCD. ALL SIGNS SHALL BE REFLECTORIZED.

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Forest	Sheet Title	
DESCHUTES	SIGN PLAN	
Project Name	Scale	Sheet
NINA STEWARDSHIP	N.T.S.	7 of 7