

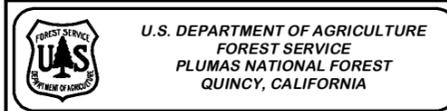
- LEGEND**
- EXISTING TRANSP. ROAD
  - ROAD RECONSTRUCTION
  - FOREST SERVICE ROAD NUMBER
  - COUNTY ROAD NUMBER
  - STATE HWY NUMBER
  - PLUMAS NATIONAL FOREST
  - PRIVATE PROPERTY
  - OTHER OWNERSHIP
  - WATER SOURCE
  - DISPOSAL SITE
  - GATE
  - BEG. / END RECONST.

T 26 N  
T 25 N

T 26 N  
T 25 N

R. 9 E. R. 10 E.

R. 10 E. R. 11 E.



**EMIGRANT STEWARDSHIP**

**LOCATION MAP RECONSTRUCTION NOT TO SCALE**

DESIGNED: D. HOPKINS DATE: 01/15  
 DRAWN: D. HOPKINS DATE: 01/15  
 CHECKED: F. RICO DATE: 01/15

DATE	REVISION	BY

EMIGRANT RECONSTRUCTION  
eg\_location.mxd  
**SHEET 2**

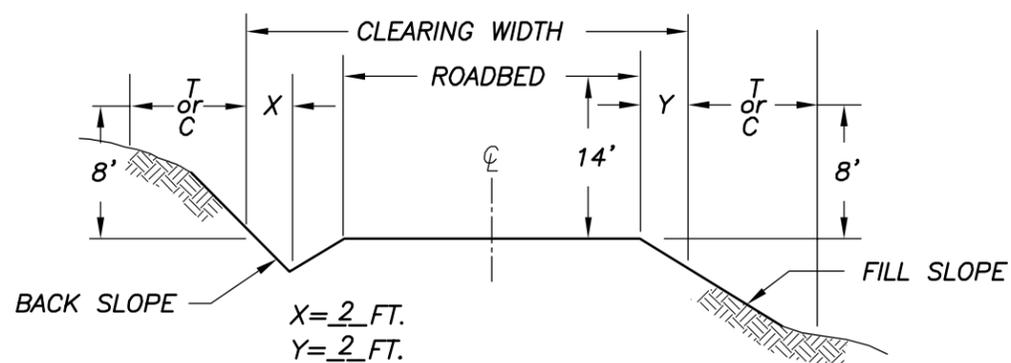
	EXISTING TRANSPORTATION SYSTEM ROAD		UNMERCHANTABLE DECKING AREA		ROLLING DIP		"P" (PRELIMINARY) LINE AS SURVEYED		CAMPGROUND
	SPECIFIED ROAD RECONSTRUCTION		MERCHANTABLE DECKING AREA		WATERBAR		"L" LINE - CENTER LINE TO BE CONSTRUCTED		80 INTERSTATE HIGHWAY
	SPECIFIED ROAD CONSTRUCTION		CONSTRUCTION SLASH DISPOSAL AREA		REINFORCED ROLLING DIP		OFFICE LINE		SALESTAR
	24N24 FOREST SERVICE ROAD NUMBER		STUMP DISPOSAL AREA		LOW WATER CROSSING		V.P.I. (VERTICAL POINT OF INTERSECTION)		NORTH ARROW
	89 STATE HIGHWAY ROAD NUMBER		OVERSIDE DRAIN		STREAM		RIGHT-OF-WAY LIMITS		
	112 PLUMAS COUNTY ROAD NUMBER		REINFORCED SUBGRADE		LEAD-IN, LEAD-OFF, OR DRAINAGE DITCH		SECTION LINE		
	① RIPRAP AND AGGREGATE SOURCE		GATE		CULVERT PIPE, PLAN VIEW		CUT LINE	} CONSTRUCTION LIMITS	
	W WATER SOURCE		GUARDRAIL BARRIER		CULVERT PIPE, PROFILE VIEW		FILL LINE		
	OTHER OWNERSHIP		RIPRAP (ENERGY DISSIPATOR)		CULVERT PIPE, WITH CATCH BASIN		FENCE LINE		
	B BORROW SOURCE (IE. EARTH, SAND, ETC)		CONSTRUCT TURNAROUND		EARTH BARRIER		EXISTING ROAD EDGE		
	D DISPOSAL SITE		CONSTRUCT HAMMERHEAD TURNAROUND		UNDER DRAIN (PMP) OR TEXTILE DRAIN		BRIDGE		
	CATTLEGUARD		CONSTRUCT TURNOUT		GABION BASKET		BERM		
							395 US HIGHWAY		

## SUMMARY OF QUANTITIES

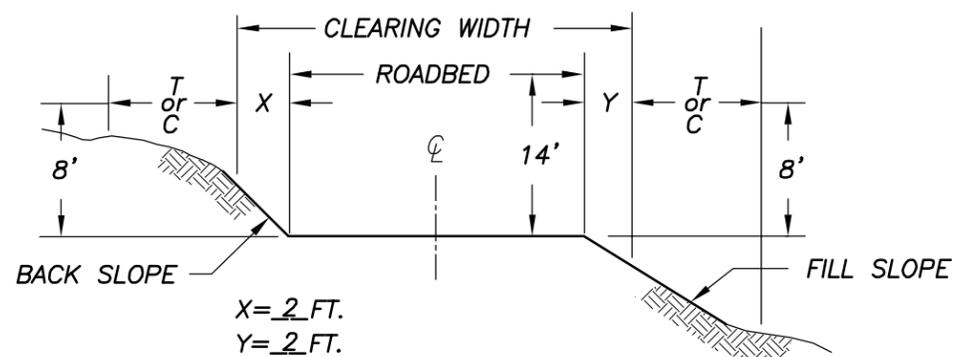
ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
<b>(Reconst.) ROAD 26N21</b>			
201(01)	CLEARING AND GRUBBING, SLASH TREATMENT METHODS FOR TOPS & LIMBS 4; LOGS 4; STUMPS 4; UTILIZATION OF TIMBER 2	ACRE	0.2
204(01)	EXCAVATION AND EMBANKMENT, METHOD 2	C.Y.	42
204(20)	DRAINAGE EXCAVATION TYPE; DIP	EACH	7
303(18)	RECONDITIONING OF ROADBED, COMPACTION E	MILE	0.27
<b>(Reconst.) ROAD 25N29</b>			
201(01)	CLEARING AND GRUBBING, SLASH TREATMENT METHODS FOR TOPS & LIMBS 4; LOGS 4; STUMPS 4; UTILIZATION OF TIMBER 2	ACRE	0.03
201(54)	INDIVIDUAL REMOVAL OF TREES (HAZARD); SLASH TREATMENT FOR TOPS AND LIMBS 4; LOGS 4; UTILIZATION OF TIMBER 2	EACH	2
204(01)	EXCAVATION AND EMBANKMENT, METHOD 2	C.Y.	200
303(18)	RECONDITIONING OF ROADBED, COMPACTION E	MILE	0.06



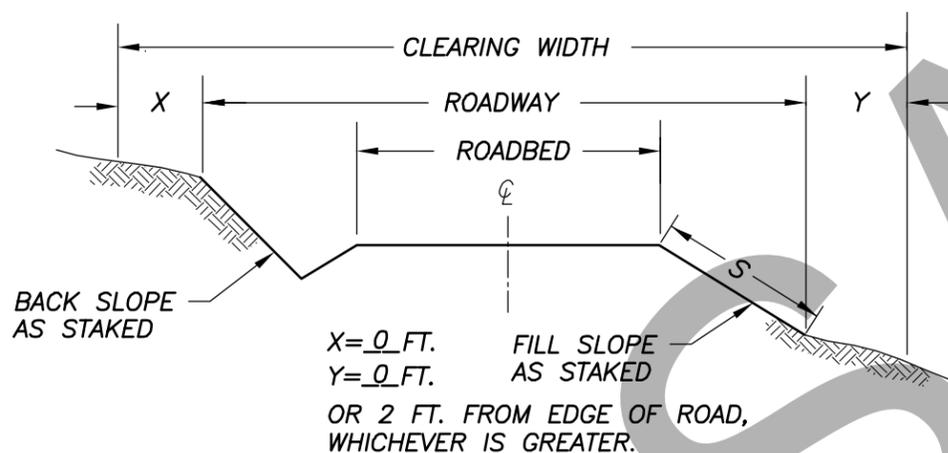
# CLEARING



RECONSTRUCTION ~ DITCH SECTION



RECONSTRUCTION ~ NO DITCH



NEW CONSTRUCTION & NEWLY CONSTRUCTED SLOPES

# NOTES:

- ROADBED WIDTHS SHOWN ON PLAN AND PROFILE, OR WORKLIST PLANS, INCLUDE TURNOUTS AND CURVE WIDENING.
- BLADE TO DAYLIGHT OR CONSTRUCT DRAINAGE DITCH, UNLESS OTHERWISE SHOWN ON PLANS. WHERE DAYLIGHT WILL EXCEED 5', CONSTRUCT DRAINAGE DITCH. WHEN AGREED, A DRAINAGE DITCH SHAPE MAY BE USED FOR LEAD-OFF DITCH.

A CROSS SLOPE OF 4% +/- 1%, SHALL BE USED FOR ALL SUPERELEVATED CURVES, AND FOR ALL INSLOPED, OUTSLOPED, OR CROWNED ROADBEDS.

SEEDING AND MULCHING AREAS SHALL CONSIST OF FILL SLOPES, SPECIFIED AREAS IDENTIFIED ON THE DRAWINGS, AND AREAS UNNECESSARILY DISTURBED OR REPEATEDLY USED DURING CONSTRUCTION. DIMENSION "S", ON NEW CONSTRUCTION AND NEWLY CONSTRUCTED SLOPES SHALL BE 6', OR TOE OF FILL, WHICHEVER IS GREATER.

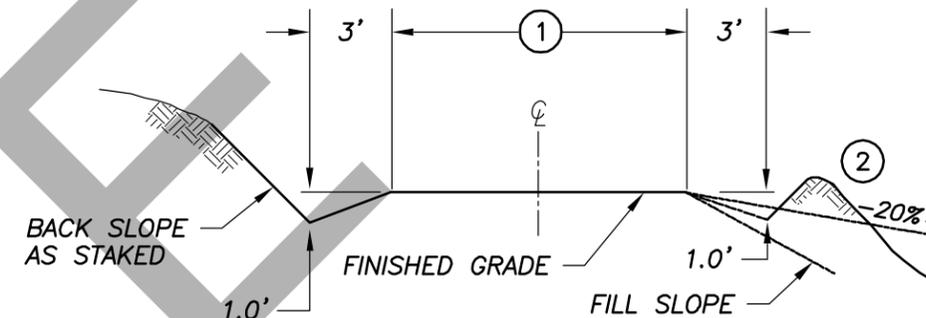
A GRADER FINISH SHALL BE REQUIRED ON ALL PROJECTS. THE SUBGRADE SHALL BE VISIBLY MOIST DURING BLADING AND SHAPING OPERATIONS.

IN CLEAR OR TRIM SECTIONS, LEAVE STABLE TREES OVER 6" D.B.H..

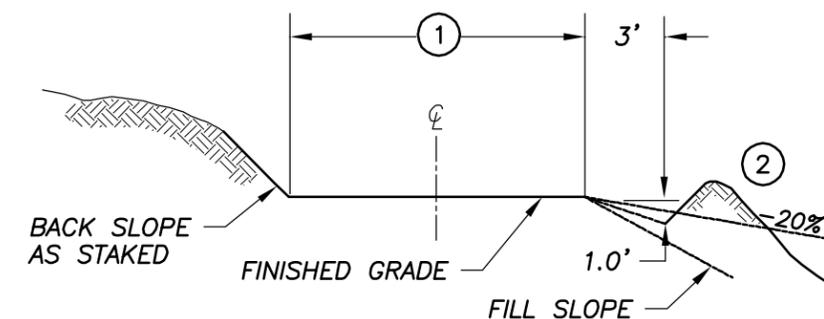
ROADS CONSTRUCTED UNDER SECTION 203 SHALL USE CONSTRUCTION TOLERANCE CLASS K.

"C"=CLEAR "T"=TRIM

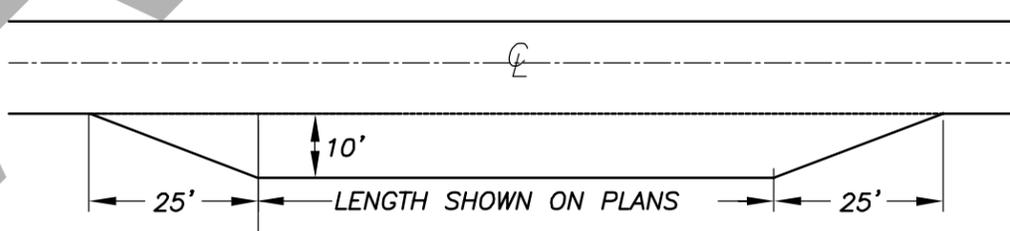
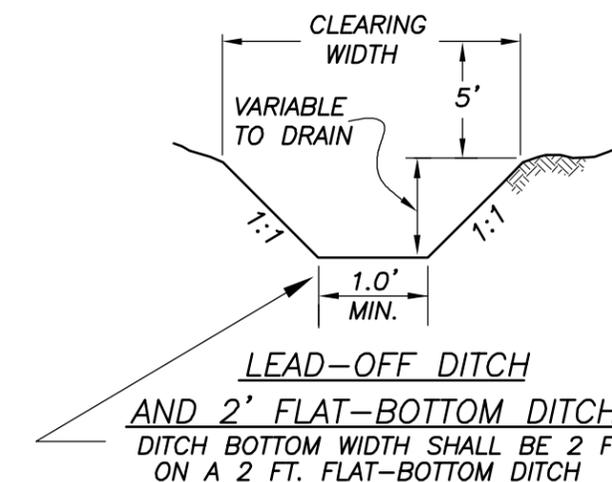
# CONSTRUCTION



TYPICAL ROADWAY ~ DITCH SECTION

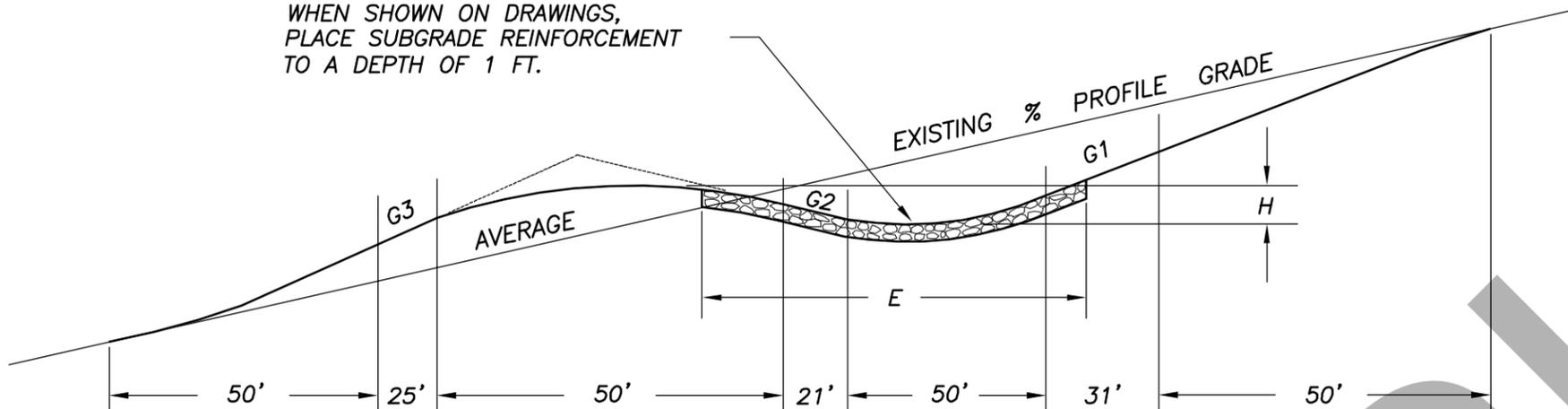


TYPICAL ROADWAY ~ NO DITCH



TURNOUT

WHEN SHOWN ON DRAWINGS,  
PLACE SUBGRADE REINFORCEMENT  
TO A DEPTH OF 1 FT.



**PROFILE VIEW**

ROLLING DIP CONSTRUCTION DIMENSIONS						
% PROFILE GRADE	CONST. GRADE			DEPTH (H)	REINFORCEMENT	
	G1	G2	G3		LENGTH (E)	CUBIC YARDS
0 TO 4	-7	2	-6	0.6'	20'	12
5 TO 6	-10	2	-9	0.6'	20'	12
7 TO 8	-13	2	-12	0.5'	20'	12
9 TO 10	-16	2	-15	0.5'	30'	18
OVER 10 % NOT RECOMMENDED						

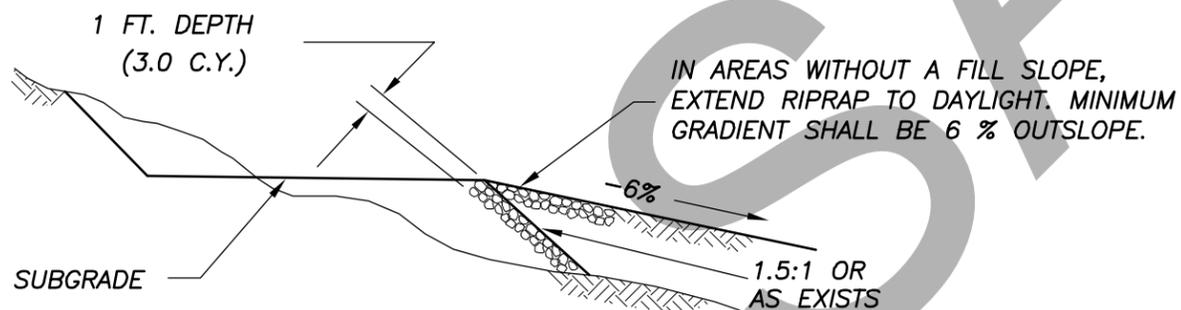
**ROLLING DIP CONSTRUCTION NOTES:**

1. THE CROSS SLOPE OF THE ROADBED SHALL BE MAINTAINED THROUGH THE DIP.
2. THE DRAIN LINE SHALL BE PERPENDICULAR TO THE CENTER LINE OF THE ROADBED.
3. PLACE CLASS II OUTLET RIPRAP WHEN SHOWN ON THE DRAWINGS. REFER TO OUTLET RIPRAP DETAIL BELOW.
4. FOR DIPS ON AGGREGATE SURFACED ROADS, REDUCE (H) DEPTH BY 0.2 FT.
5. WATERBAR AND DIP CONSTRUCTION TOLERANCES SHALL BE IN ACCORDANCE WITH SUBSECTION 203.16; TOLERANCE CLASS A.

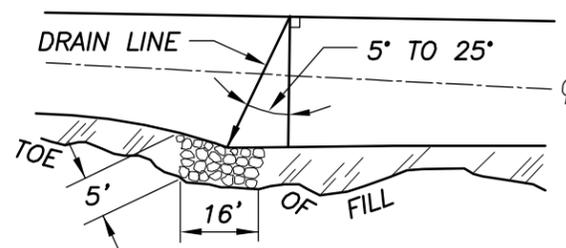
**WATERBAR CONSTRUCTION NOTES:**

1. WATERBARS ARE USUALLY CONSTRUCTED BY ANGLE DOZERS. WATERBARS SHALL HAVE A CLEAN OUTLET AND BE CONSTRUCTED SO THEY WILL NOT FAIL THROUGH ALL WEATHER USE.
2. THE WATERBAR DRAIN LINE SHALL BE SKEWED 5° TO 25°.
3. WATERBARS SHALL BE CONSTRUCTED SO THAT DRAINLINE EXCAVATION IS APPROXIMATELY SIX INCHES (6") INTO SOLID SOIL AND THE TOP OF COMPACTED WATERBAR IS TWELVE INCHES (12") ABOVE THE DRAINLINE.
4. THE TOTAL LENGTH OF THE WATERBAR SHALL NOT BE LESS THAN SIXTEEN FEET (16').
5. CROSS SLOPE OF THE DRAIN LINE SHALL BE EQUIVALENT TO THE CROSS SLOPE OF THE ROAD PLUS TWO PERCENT (2%).

**OUTLET RIPRAP**



**CROSS SECTION VIEW**



**PLAN VIEW**

REINFORCEMENT GRADATION	
SIEVE SIZE	% PASSING
12"	100%
2"	20-80%
3/4"	0-40%
# 200	0-10%



U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
PLUMAS NATIONAL FOREST  
QUINCY, CALIFORNIA

EMIGRANT  
STEWARDSHIP

ROLLING DIP  
AND WATERBAR TYPICAL

DESIGNED: D. HOPKINS DATE: 1/15  
DRAWN: D. HOPKINS DATE: 1/15  
CHECKED: F. RICO DATE: 1/15

DATE	REVISION	BY

DRAWING NAME  
ACAD.DWG

SHEET 6

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>WORK ITEMS ROAD 26N21</u>
0+00			PROJECT LIMIT. INTERSECTION WITH ROAD PC 207. IN ALL RECONSTRUCTION AREAS RECONSTRUCT EXISTING ROADWAY IN ACCORDANCE WITH SECTIONS 201, 203, AND 306. THE TREATMENT FOR CONSTRUCTION SLASH SHALL BE METHOD 4-SCATTERING. THE EXCAVATION AND EMBANKMENT SHALL BE METHOD 2 LAYER PLACEMENT. THE CONSTRUCTION TOLERANCE SHALL BE "K". THE FINISHED ROADBED WIDTH SHALL INCLUDE EXISTING TURNOUTS AND CURVE WIDENING. THE MINIMUM FINISHED ROADBED WIDTH SHALL BE 14 FEET. RECONDITION ROADBED AND ALL DRAINAGE STRUCTURES (INCLUDING ALL TYPES OF DITCHES, DIPS, DROP INLETS, AND CATCH BASINS) IN ACCORDANCE WITH SECTION 306.
0+00	-	13+80	NO SPECIFIC REPAIR WORK REQUIRED.
14+80			RECONSTRUCT DIP, DRAIN LT. FOR CHIPVAN ACCESS.
17+40			RECONSTRUCT DIP, DRAIN LT. FOR CHIPVAN ACCESS.
18+40	-	39+00	NO SPECIFIC REPAIR WORK REQUIRED.
40+10			RECONSTRUCT DIP, DRAIN LT. FOR CHIPVAN ACCESS.
41+10	-	56+00	NO SPECIFIC REPAIR WORK REQUIRED.
57+00			RECONSTRUCT DIP, DRAIN LT. FOR CHIPVAN ACCESS.
58+00	-	67+00	NO SPECIFIC REPAIR WORK REQUIRED.
68+10			RECONSTRUCT DIP, DRAIN LT. FOR CHIPVAN ACCESS.
69+50	-	76+00	NO SPECIFIC REPAIR WORK REQUIRED.
77+10			RECONSTRUCT DIP, DRAIN LT. FOR CHIPVAN ACCESS.
78+50	-	84+50	NO SPECIFIC REPAIR WORK REQUIRED.
85+50			RECONSTRUCT DIP, DRAIN LT. FOR CHIPVAN ACCESS.
87+00	-	170+00	NO SPECIFIC REPAIR WORK REQUIRED.
170+00			INTERSECTION WITH PC208.



U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
PLUMAS NATIONAL FOREST  
QUINCY, CALIFORNIA

EMIGRANT  
STEWARDSHIP

WORK LIST  
26N21

DESIGNED: D. HOPKINS DATE: 01/15  
DRAWN: D. HOPKINS DATE: 01/15  
CHECKED: F. RICO DATE: 01/15

DATE	REVISION	BY

DRAWING NAME  
WL 26N21.DWG

SHEET 7

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>WORK ITEMS ROAD 25N29</u>
0+00			PROJECT LIMIT. INTERSECTION WITH PC208.
0+00	-	20+50	NO RECONSTRUCTION WORK REQUIRED.
20+50	-	23+50	RECONSTRUCT EXISTING ROADWAY IN ACCORDANCE WITH SECTIONS 201, 203, AND 306. THE TREATMENT FOR CONSTRUCTION SLASH SHALL BE METHOD 4 – SCATTERING. THE EXCAVATION AND EMBANKMENT SHALL BE METHOD 2 LAYER PLACEMENT. THE CONSTRUCTION TOLERANCE CLASS SHALL BE "K". THE FINISHED ROADBED WIDTH SHALL INCLUDE THE EXISTING TURNOUTS AND CURVE WIDENING. THE MINIMUM FINISHED ROADBED WIDTH SHALL BE 14 FEET. RECONDITION ROADBED AND ALL DRAINAGE STRUCTURE (INCLUDING ALL TYPES OF DITCHES, DIPS, DROP INLETS, AND CATCH BASINS) IN ACCORDANCE WITH SECTION 306.
20+50	-	23+50	WIDEN ROADBED 4' RIGHT. FINISHED ROADBED WIDTH 14'. USE SUITABLE EXCAVATED MATERIAL AS CUSHION ON ADJACENT ROADBED AREAS.
20+50	-	23+50	REMOVE TWO HAZARD TREES RIGHT.
23+50			END RECONSTRUCTION 25N29.
40+00			PROJECT LIMIT.

SAMPLE