

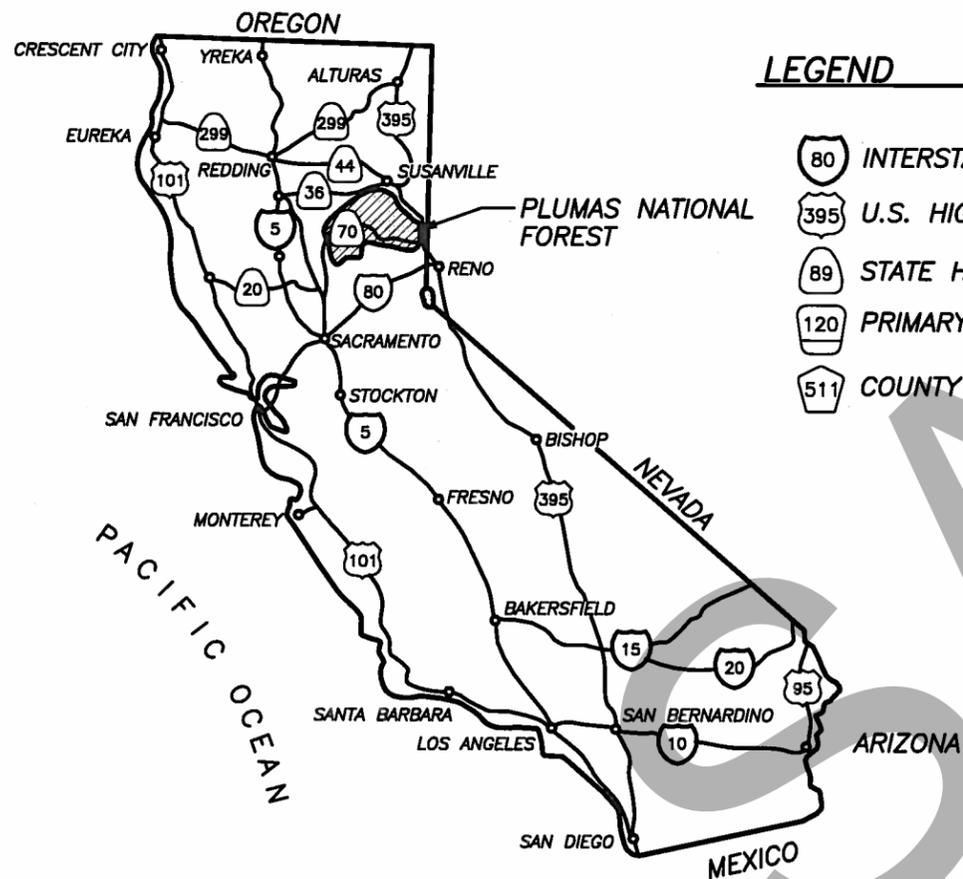
UNITED STATES DEPARTMENT OF AGRICULTURE  
 FOREST SERVICE  
 PACIFIC SOUTHWEST REGION FIVE



PLUMAS NATIONAL FOREST  
 GALLAGHER MP THIN  
 BECKWOURTH RANGER DISTRICT

INDEX TO SHEETS

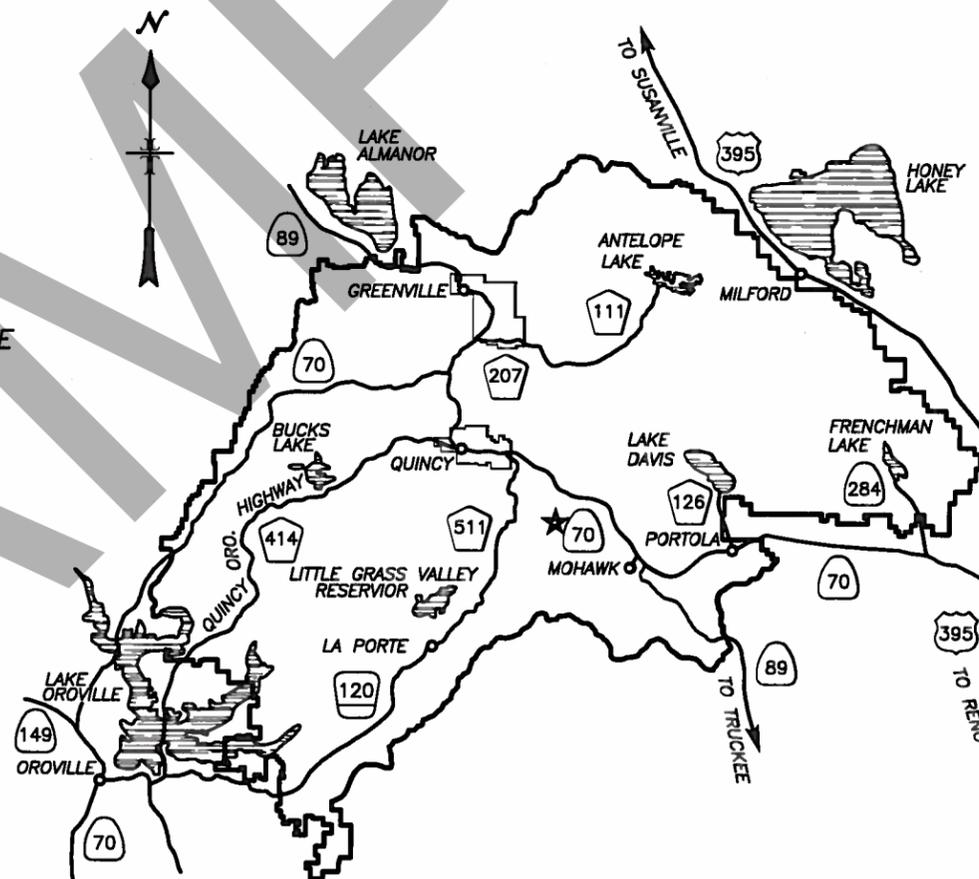
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2	LOCATION MAP
3	LEGEND
4	SUMMARY OF QUANTITIES
5	CLEARING AND CONST TYPICAL
6	WORK LIST ROAD 23N08
7	WORK LIST ROAD 23N09



STATE OF CALIFORNIA  
 INDEX MAP

LEGEND

- INTERSTATE HIGHWAY
- U.S. HIGHWAY
- STATE HIGHWAY
- PRIMARY FOREST ROUTE
- COUNTY ROAD



PLUMAS NATIONAL FOREST  
 ★ PROJECT LOCATION



PREPARED BY: Dan Hopkins 7/19/19  
 PROJECT ENGINEER DATE

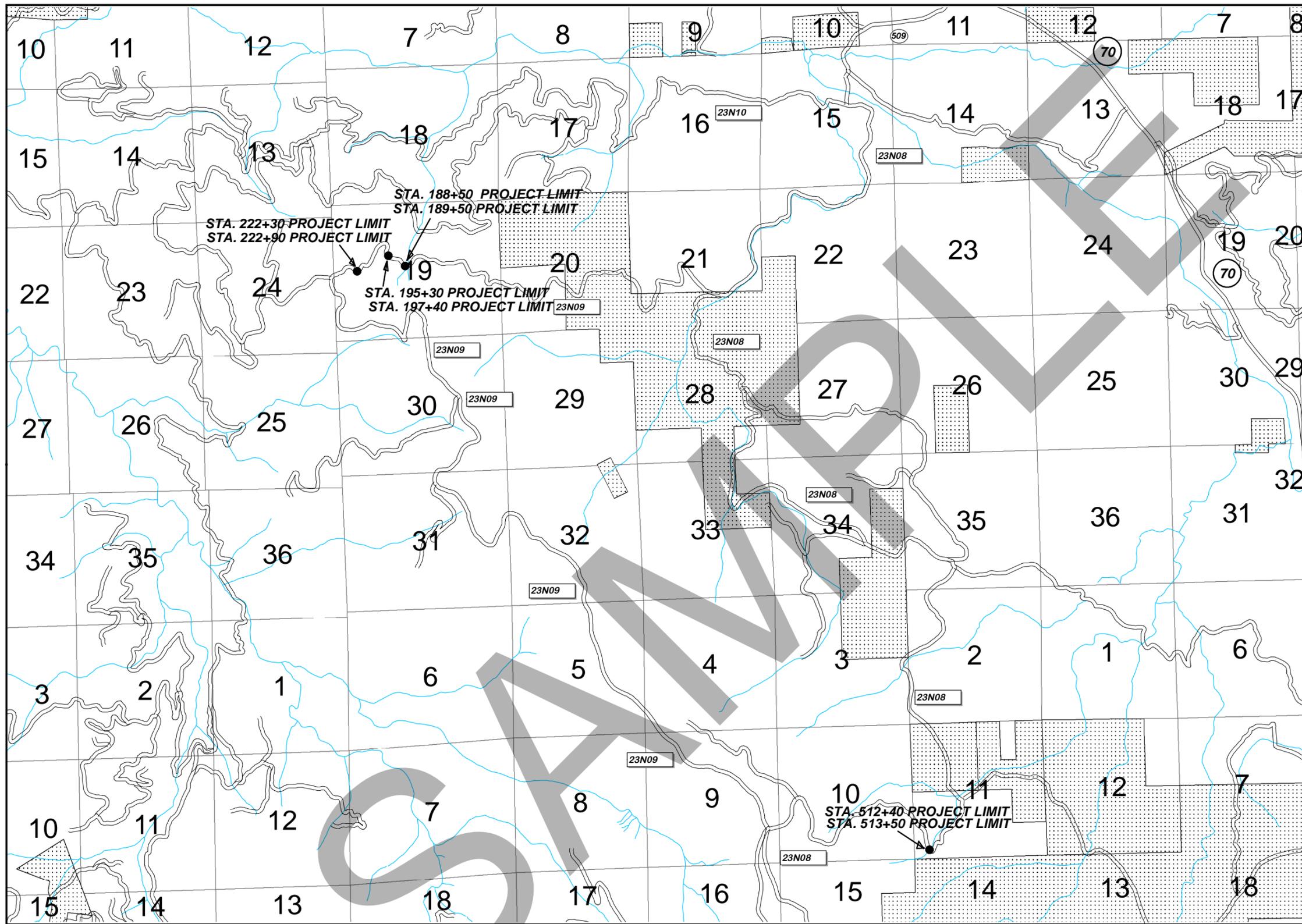
REVIEWED BY: \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED BY: \_\_\_\_\_ DATE \_\_\_\_\_  
 FOREST ENGINEER DATE

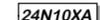
APPROVED BY: D. Bumpus 7-21-14  
 DISTRICT RANGER DATE

R. 10 E. R. 11 E.

R. 11 E. R. 12 E.



**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
-  SITE RECONSTRUCTION

T 23 N  
T 22 N



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

**GALLAGER MP THIN  
TIMBER SALE**

**LOCATION MAP  
RECONSTRUCTION  
NOT TO SCALE**

DESIGNED: D. HOPKINS      DATE: 7/14  
DRAWN: D. HOPKINS      DATE: 7/14  
CHECKED: F. RICO      DATE: 7/14

DATE	REVISION	BY

GALLAGHER WL LOCATION  
rf\_location.mxd  
**SHEET 2**

 EXISTING TRANSPORTATION SYSTEM ROAD

 SPECIFIED ROAD RECONSTRUCTION

 SPECIFIED ROAD CONSTRUCTION

 FOREST SERVICE ROAD NUMBER

 STATE HIGHWAY ROAD NUMBER

 PLUMAS COUNTY ROAD NUMBER

 RIPRAP AND AGGREGATE SOURCE

 WATER SOURCE

 OTHER OWNERSHIP

 BORROW SOURCE (IE. EARTH, SAND, ETC)

 DISPOSAL SITE

 CATTLEGUARD

 UNMERCHANTABLE DECKING AREA

 MERCHANTABLE DECKING AREA

 CONSTRUCTION SLASH DISPOSAL AREA

 STUMP DISPOSAL AREA

 OVERSIDE DRAIN

 REINFORCED SUBGRADE

 GATE

 GUARDRAIL BARRIER

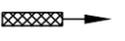
 RIPRAP (ENERGY DISSIPATOR)

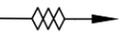
 CONSTRUCT TURNAROUND

 CONSTRUCT HAMMERHEAD TURNAROUND

 CONSTRUCT TURNOUT

 ROLLING DIP

 WATERBAR

 REINFORCED ROLLING DIP

 LOW WATER CROSSING

 STREAM

 LEAD-IN, LEAD-OFF, OR DRAINAGE DITCH

 CULVERT PIPE, PLAN VIEW

 CULVERT PIPE, PROFILE VIEW

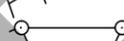
 CULVERT PIPE, WITH CATCH BASIN

 EARTH BARRIER

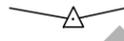
 UNDER DRAIN (PMP) OR TEXTILE DRAIN

 GABION BASKET

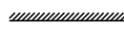
 "P" (PRELIMINARY) LINE AS SURVEYED

 "L" LINE - CENTER LINE TO BE CONSTRUCTED

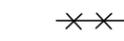
 OFFICE LINE

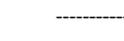
 V.P.I. (VERTICAL POINT OF INTERSECTION)

 RIGHT-OF-WAY LIMITS

 SECTION LINE

 CUT LINE } CONSTRUCTION LIMITS

 FILL LINE } CONSTRUCTION LIMITS

 FENCE LINE

 BRIDGE

 BERM

 395 US HIGHWAY

 CAMPGROUND

 80 INTERSTATE HIGHWAY

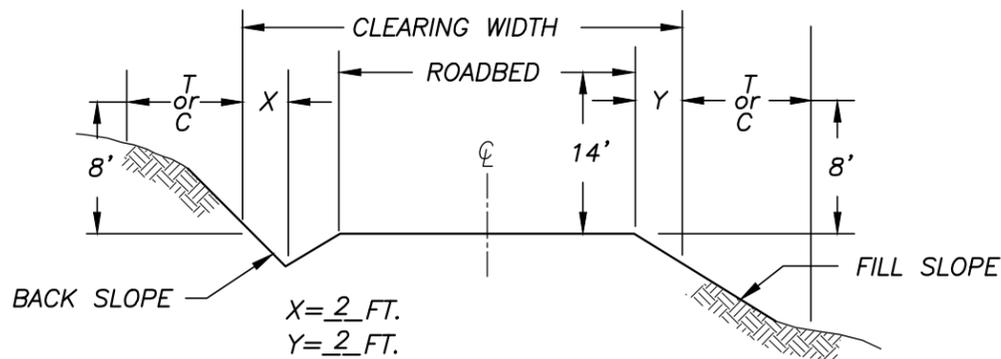
 SALESTAR

 NORTH ARROW

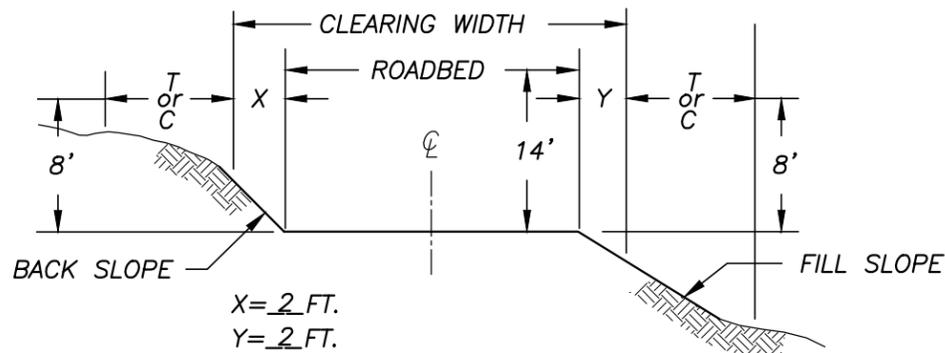
## SUMMARY OF QUANTITIES

<u>ITEM</u>	<u>ITEM DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>
<b><u>ROAD 23N08 SLOAT M CRAE (RECONSTRUCTION)</u></b>			
201(57)	CUTTING AND DISPOSAL OF ROADWAY VEGITATION: TOPS AND LIMBS 4; LOGS 4; STUMPS 4.	MILE	0.021
204(04)	UNCLASSIFIED BORROW, COMPACTION METHOD E, FINISHING METHOD C.	C.Y.	25
204(01)	CORRUGATED STEEL PIPE, 0.064 THICKNESS	L.F.	10
<b><u>ROAD 23N09 EUREKA RIDGE (RECONSTRUCTION)</u></b>			
201(57)	CUTTING AND DISPOSAL OF ROADWAY VEGITATION: TOPS AND LIMBS 4; LOGS 4; STUMPS 4.	MILE	0.051
201(54)	REMOVAL OF TREES (HAZARD): SLASH TREATMENT METHODS FOR TOPS AND LIMBS 4; LOGS 4; UTILIZATION OF TIMBER 1.	A.Q.	3
204(04)	UNCLASSIFIED BORROW, COMPACTION METHOD E, FINISHING METHOD C.	C.Y.	65
602(11)	18" CORRUGATED STEEL PIPE, 0.064 THICKNESS	L.F.	10

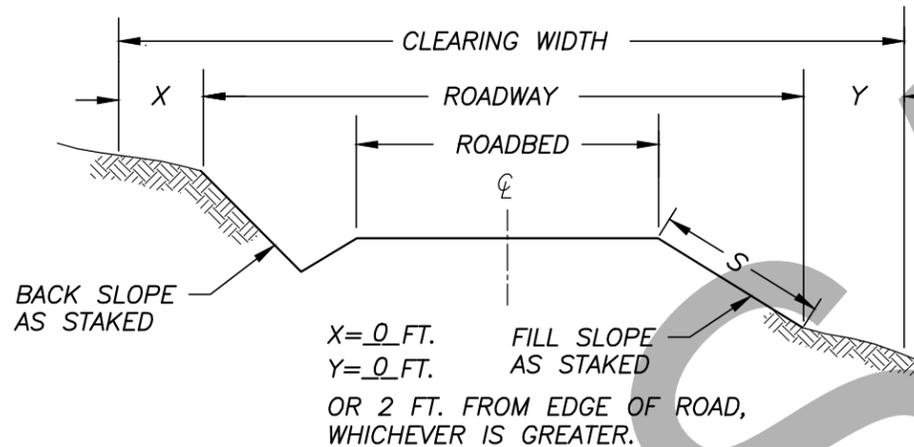
# CLEARING



## RECONSTRUCTION ~ DITCH SECTION



## RECONSTRUCTION ~ NO DITCH



## NEW CONSTRUCTION & NEWLY CONSTRUCTED SLOPES

# NOTES:

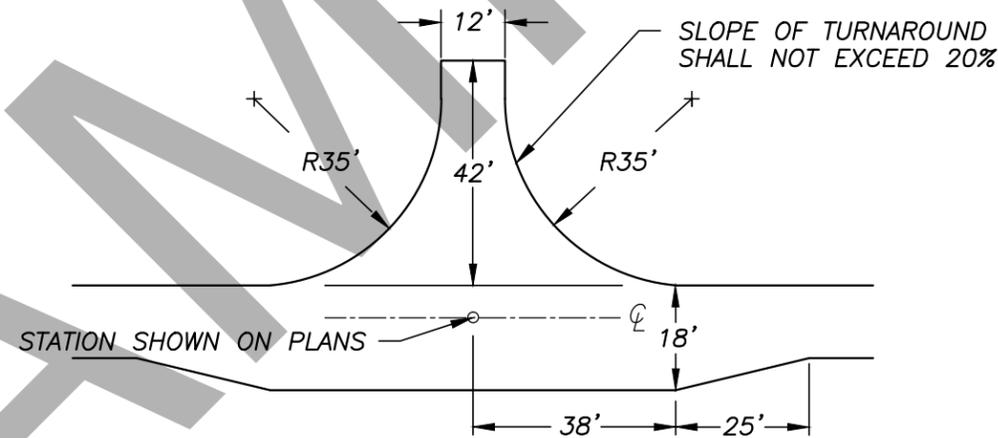
- ROADBED WIDTHS SHOWN ON PLAN AND PROFILE, OR WORKLIST PLANS, INCLUDE TURNOUTS AND CURVE WIDENING.
- BLADE TO DAYLIGHT OR CONSTRUCT DRAINAGE DITCH, UNLESS OTHERWISE SHOWN ON PLANS. WHERE DAYLIGHT WILL EXCEED 5', CONSTRUCT DRAINAGE DITCH. WHEN AGREED, A DRAINAGE DITCH SHAPE MAY BE USED FOR LEAD-OFF DITCH.  
A CROSS SLOPE OF 4% +/- 1%, SHALL BE USED FOR ALL SUPERELEVATED CURVES, AND FOR ALL INSLOPED, OUTSLOPED, OR CROWNED ROADBEDS.

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

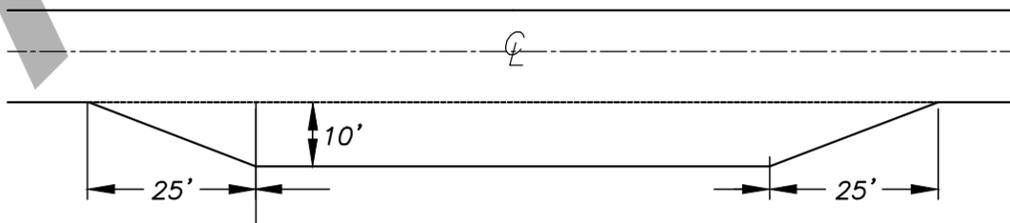
IN CLEAR OR TRIM SECTIONS, LEAVE STABLE TREES OVER 6" D.B.H..

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

"C"=CLEAR "T"=TRIM

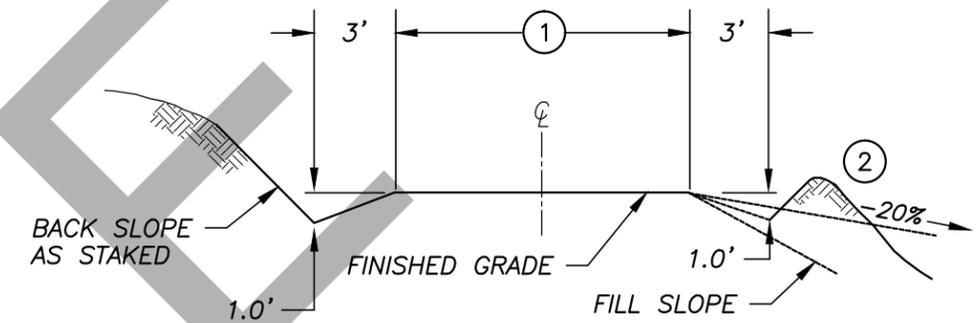


## HAMMERHEAD TURNAROUND

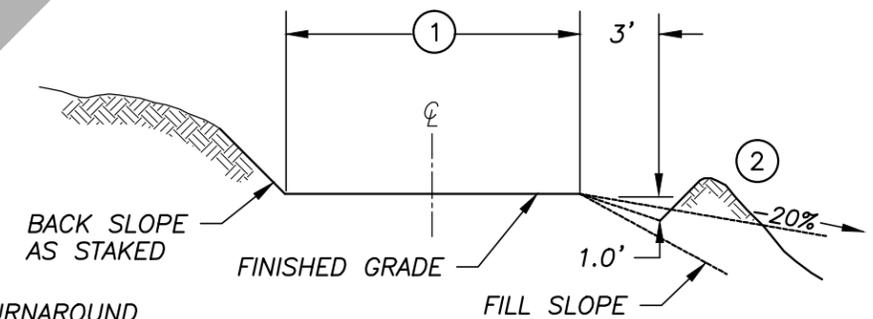


## TURNOUT

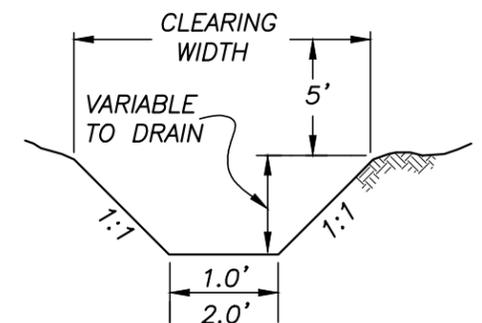
# CONSTRUCTION



## TYPICAL ROADWAY ~ DITCH SECTION



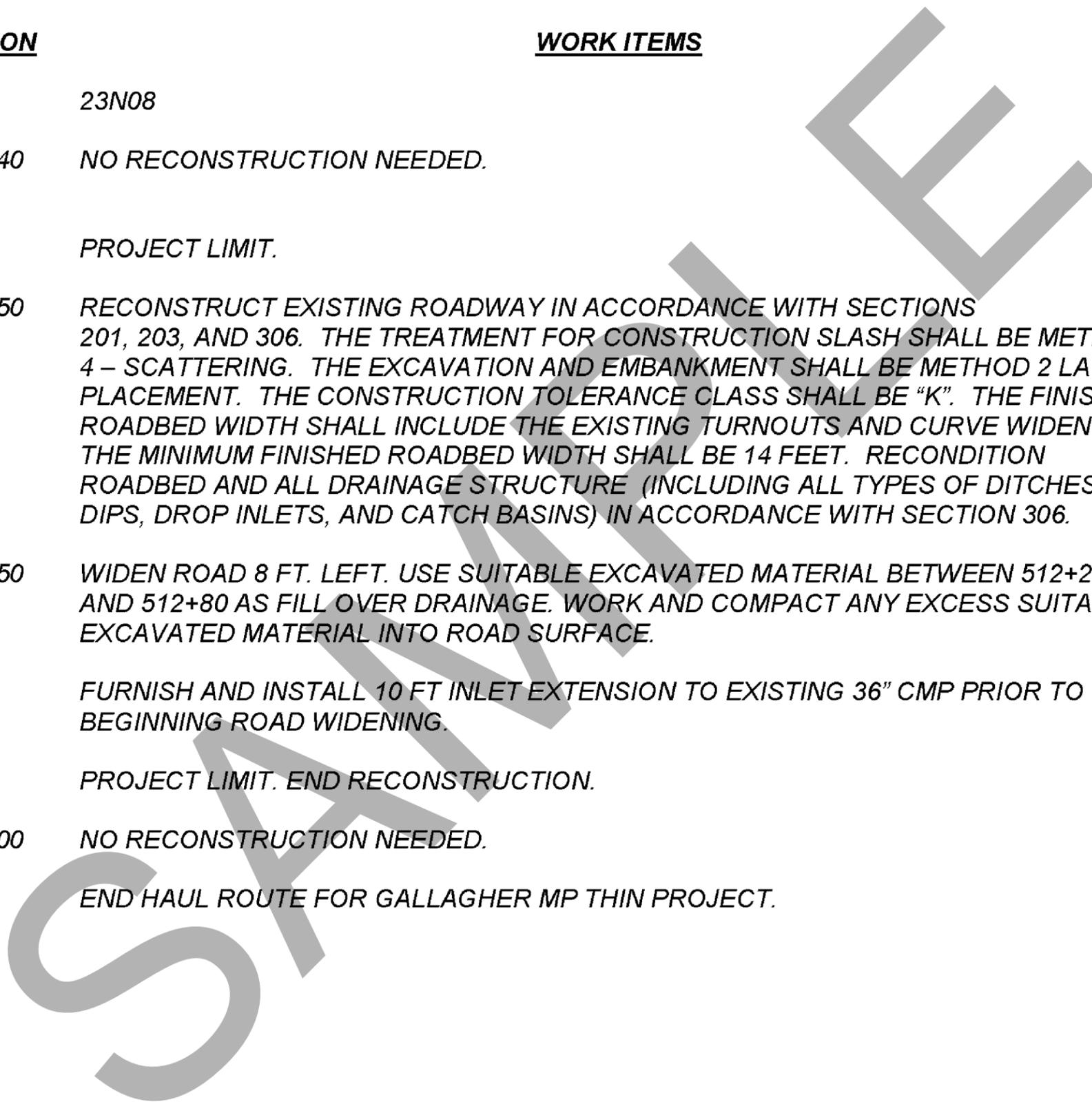
## TYPICAL ROADWAY ~ NO DITCH



WIDTH IS 1' FOR LEAD-OFF DITCH AND 2' FOR 2' FLAT-BOTTOM DITCH

## LEAD-OFF DITCH AND 2' FLAT-BOTTOM DITCH

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>WORK ITEMS</u>
			23N08
0+00		512+40	NO RECONSTRUCTION NEEDED.
512+40			PROJECT LIMIT.
512+40	-	513+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.
512+40	-	513+50	WIDEN ROAD 8 FT. LEFT. USE SUITABLE EXCAVATED MATERIAL BETWEEN 512+20 AND 512+80 AS FILL OVER DRAINAGE. WORK AND COMPACT ANY EXCESS SUITABLE EXCAVATED MATERIAL INTO ROAD SURFACE.
512+95			FURNISH AND INSTALL 10 FT INLET EXTENSION TO EXISTING 36" CMP PRIOR TO BEGINNING ROAD WIDENING.
513+50			PROJECT LIMIT. END RECONSTRUCTION.
513+50	-	633+00	NO RECONSTRUCTION NEEDED.
633+00			END HAUL ROUTE FOR GALLAGHER MP THIN PROJECT.



<u>STATION</u>	<u>To</u>	<u>STATION</u>	<u>WORK ITEMS</u>
			23N09
0+00	-	188+50	NO RECONSTRUCTION NEEDED.
188+50			PROJECT LIMIT
188+50	-	189+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.
195+30	-	197+40	
222+30		222+90	
188+50	-	189+50	WIDEN ROAD 8 FT. LEFT WITH 25 FT. TAPERS AT EACH END. USE SUITABLE EXCAVATED MATERIAL AS FILL IN THE PIPE AREA AS NEEDED. WORK AND COMPACT ANY EXCESS SUITABLE MATERIAL INTO THE ROAD SURFACE.
189+15			FURNISH AND INSTALL 10 FT. SECTION TO INLET OF EXISTING 18" CMP PRIOR TO ROAD WIDENING.
189+50	-	195+30	NO RECONSTRUCTION NEEDED..
195+30	-	197+40	WIDEN ROAD 6 FT. LEFT WITH 25 FT. TAPERS AT EACH END. RECONSTRUCT DITCH LEFT FOR THIS SECTION. USE SUITABLE EXCAVATED MATERIAL BETWEEN 196+30 AND 197+40 TO WIDEN BETWEEN 195+30 AND 196+30. WORK AND COMPACT ANY EXCESS SUITABLE EXCAVATED INTO ROAD SURFACE.
196+30		197+40	REMOVE THREE TREES LEFT TO ALLOW FOR ROAD WIDENING.
197+40	-	222+30	NO RECONSTRUCTION NEEDED.
222+30	-	222+90	BLADE OUT BRUSH LEFT FOR CURVE WIDENING.
222+90			PROJECT LIMIT RECONSTRUCTION.
222+90	-	616+00	NO RECONSTRUCTION NEEDED.
616+00			INTERSECTION WITH 23N08. END HAUL ROUTE FOR GALLAGHER MP THIN.