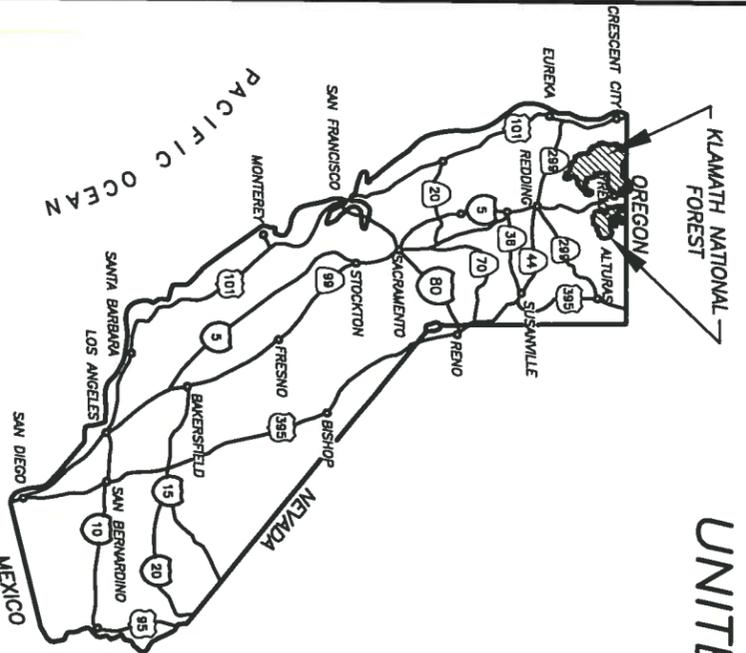


UNITED STATES DEPARTMENT OF AGRICULTURE
 FOREST SERVICE
 PACIFIC SOUTHWEST REGION FIVE



KLAMATH NATIONAL FOREST
 GRIDER SALVAGE
 SPECIFIED ROAD PACKAGE
 OAK KNOLL RANGER DISTRICT



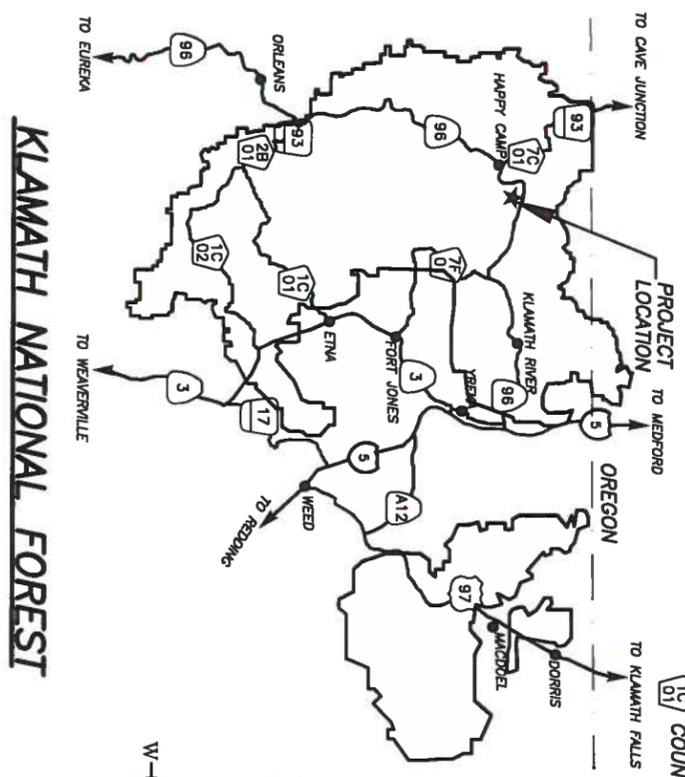
STATE OF CALIFORNIA
 INDEX MAP

LEGEND

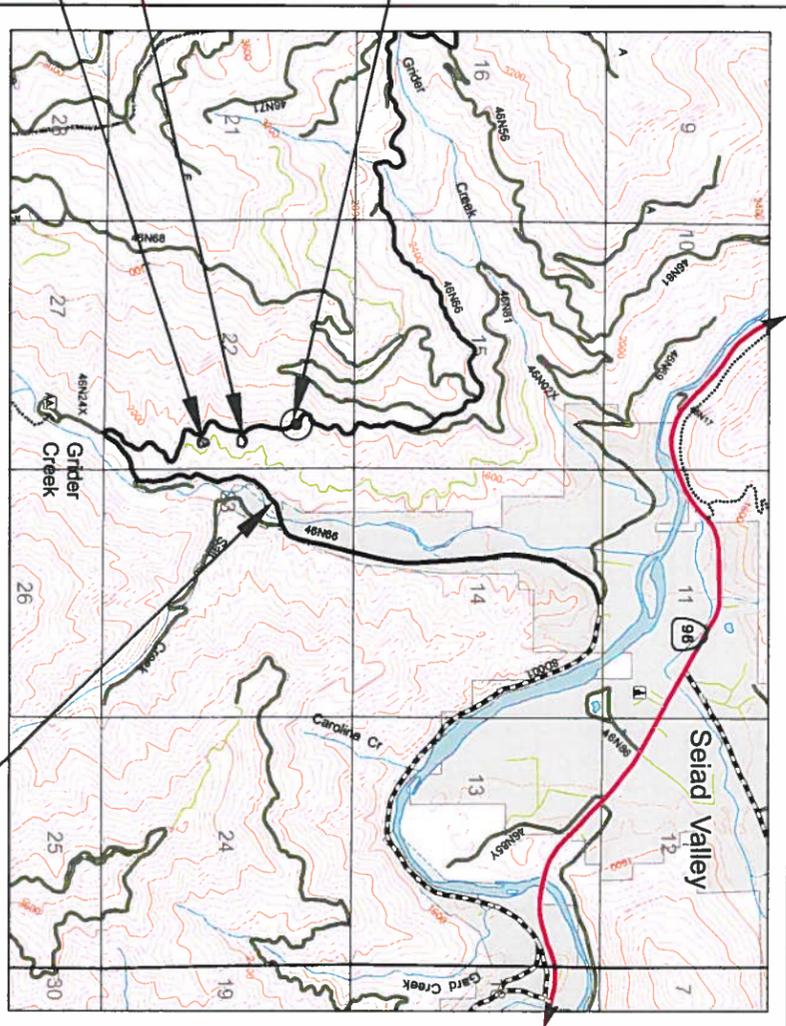
- INTERSTATE HIGHWAY
- U.S. HIGHWAY
- STATE HIGHWAY
- PRIMARY FOREST ROUTE
- COUNTY ROAD

LOCALITY MAP
 NO SCALE

TO HAPPY CAMP R 12 W
 TO YREKA



KLAMATH NATIONAL FOREST
 PROJECT LOCATION



LANDSLIDE LOCATION T 46 N
 EXISTING BOULDER STOCKPILE
 EXISTING SPOILS STOCKPILE TO BE USED AS PART OF RECONSTRUCTION PACKAGE
 PROJECT ROAD GRIDER CREEK ROAD 46N66

INDEX TO SHEETS

1	TITLE SHEET
1	LOCATION MAP
2	SUMMARY OF EST. QUANTITIES
3	STRAIGHTLINE PLAN 46N66
4	RE-CONSTRUCTION DETAILS



PREPARED BY: *[Signature]* DATE: 6/29/16
 PROJECT ENGINEER: *[Signature]* DATE: 6-29-16
 REVIEWED BY: *[Signature]* DATE: 6-29-16
 TIMBER MANAGEMENT OFFICER: *[Signature]* DATE: 6/29/16
 APPROVED BY: *[Signature]* DATE: 6/29/16
 FOREST ENGINEER: *[Signature]* DATE: 6/29/16
 APPROVED BY: *[Signature]* DATE: 6-29-16
 FOREST SUPERVISOR: *[Signature]* DATE: 6-29-16

U.S. DEPARTMENT OF AGRICULTURE
 FOREST SERVICE
 KLAMATH NATIONAL FOREST
 YREKA, CALIFORNIA

GRIDER SALVAGE
 SPECIFIED ROAD PACKAGE

TITLE PAGE

DESIGNED: K. BIGELOW DATE: 5/16
 DRAWN: K. BIGELOW DATE: 5/16
 CHECKED: K. KELLOGG DATE: 5/16

DATE	REVISION	BY

DRAWING NAME: _____ SHEET 1

ITEM NO	DESCRIPTION	METHOD OF MEASURE -MENT	PAY UNIT	ROAD NO. & TOTALS				
				46N66				
151(01)	MOBILIZATION	LSQ	LS	ALL				
157(14)	SOIL EROSION & POLLUTION CONTROL	LSQ	LS	ALL				
204(01)	EXCAVATION (B), COMPACTION (B)	DQ	CY	60				
204(02)	EXCAVATION (B), COMPACTION (B)	DQ	MILE	0.05				
303(04)	ROADBED RECONDITIONING, REPAIR ROAD WAY, REPAIR DIPS, GRADE ROAD	DQ	MILE	7.47				
301(11)	AGGREGATE, TYPE $\frac{3}{4}$ "-MINUS SURFACE COURSE, COMMERCIAL SOURCE, GRADING (C), COMPACTION (C)	DQ	CY	60				
607(08)	CLEAN/MAINTAIN CULVERTS IN PLACE	AQ	EA	2				



U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
KILMATH NATIONAL FOREST
YREKA, CALIFORNIA

GRIDER SALVAGE
SPECIFIED ROAD PACKAGE

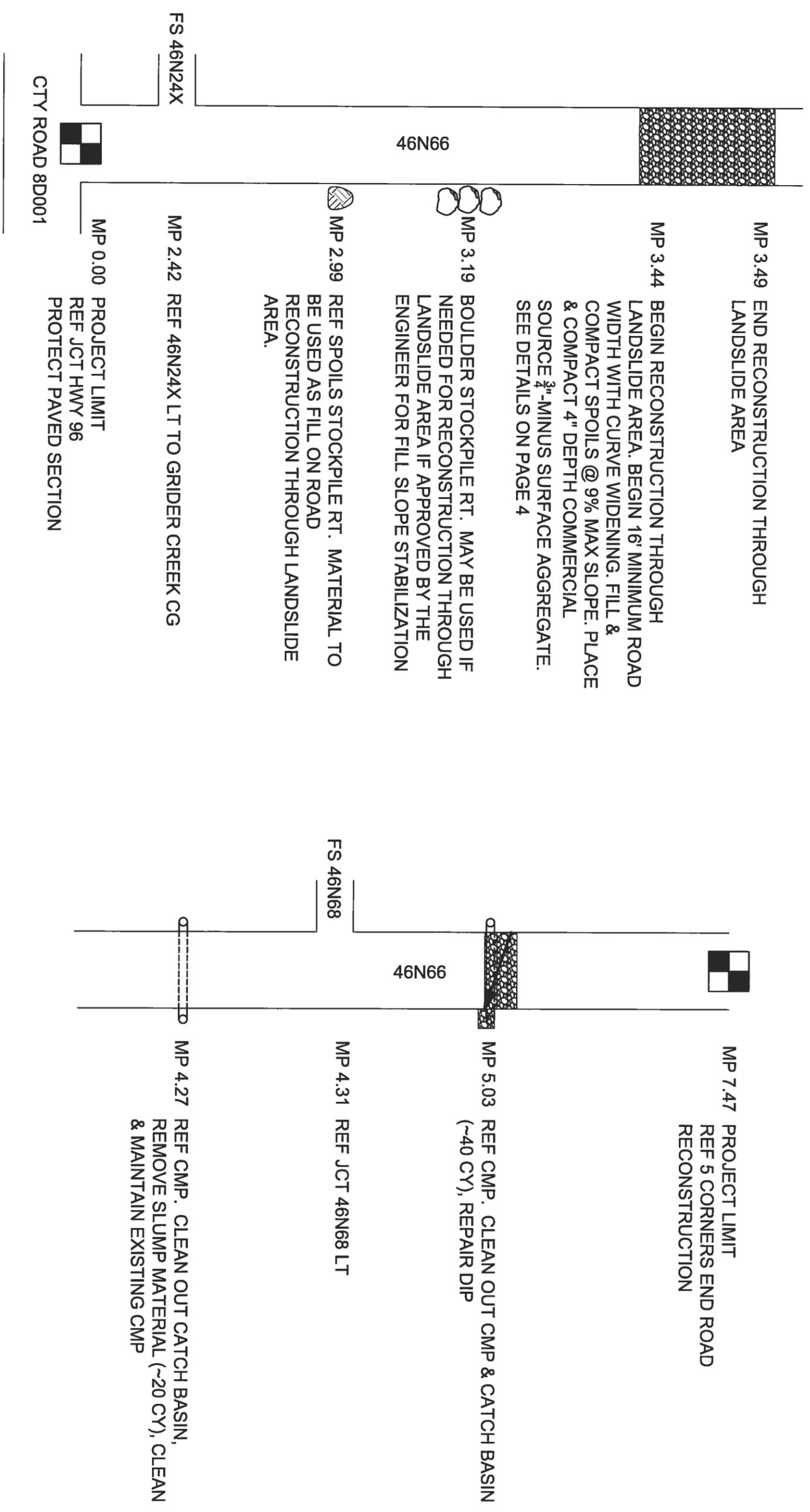
SUMMARY OF ESTIMATED
QUANTITIES

DESIGNED: K. BIGELOW
DRAWN: K. BIGELOW
CHECKED: K. KELLOGG
DATE: 5/16
DATE: 5/16
DATE: 5/16

DATE	REVISION	BY

DRAWING NAME
SHEET 2

GRIDER SALVAGE STRAIGHT LINE PLAN 46N66



U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
KUMAMATH NATIONAL FOREST
YREKA, CALIFORNIA

**GRIDER SALVAGE
SPECIFIED ROAD PACKAGE**

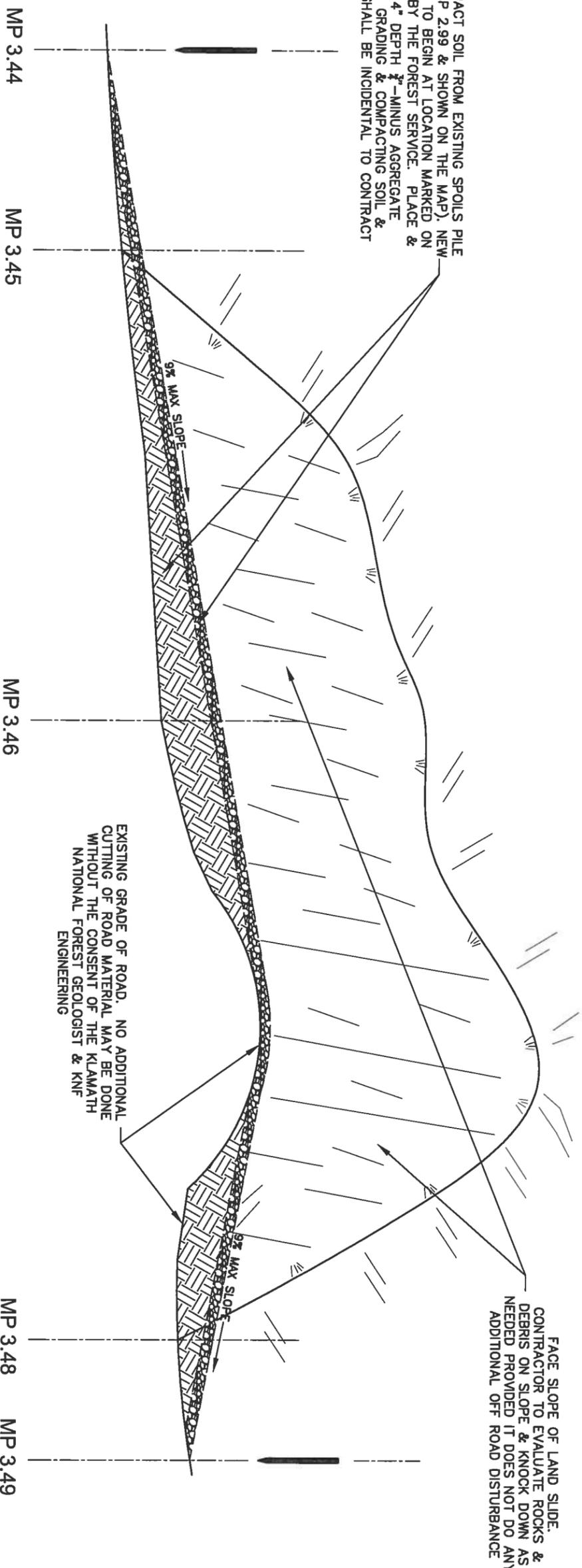
STRAIGHTLINE PLAN 46N85Y &
RECONSTRUCTION DETAILS

DESIGNED: K. BIGELOW
DRAWN: K. BIGELOW
CHECKED: K. KELLOGG
DATE: 6/16
DATE: 6/16
DATE: 6/16

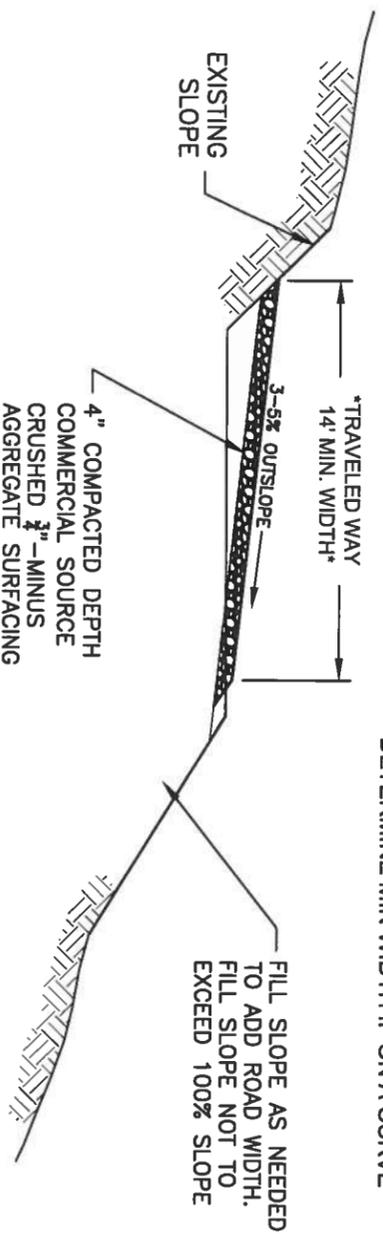
DATE	REVISION	BY

DRAWING NAME
SHEET 3

PLACE & COMPACT SOIL FROM EXISTING SPILLS PILE (LOCATED AT MP 2.99 & SHOWN ON THE MAP). NEW SLOPE GRADE TO BEGIN AT LOCATION MARKED ON THE GROUND BY THE FOREST SERVICE. PLACE & COMPACT 4" DEPTH ¾"-MINUS AGGREGATE SURFACING. GRADING & COMPACTING SOIL & AGGREGATE SHALL BE INCIDENTAL TO CONTRACT



A RECONSTRUCTION THROUGH LANDSLIDE AREA
Scale: NOT TO SCALE



NOTE: *MIN TRAVEL WAY WIDTH WILL EXCEED 14' ON CURVES. USE CURVE WIDENING TABLE IN DETAIL C TO DETERMINE MIN WIDTH IF ON A CURVE*

B TYPICAL SECTION - OUTSLOPING W/ NO DITCH
Scale: NOT TO SCALE

ROAD WIDTHS W/ CURVE WIDENING (14 FT ROADWAY)						
R = CURVE RADIUS TO ROADWAY & (FEET)						
I = CENTRAL ANGLE (DEGREES)						
R \ I	50	60	75	100	150	300
10	14.0	14.0	14.7	15.2	15.6	15.7
20	17.0	17.3	17.5	17.6	17.4	16.4
40	22.7	21.9	21.2	20.3	19.0	16.8
60	26.6	24.9	23.4	21.6	19.5	16.8
80	29.4	26.8	24.6	22.3	19.7	16.8
100	31.3	28.1	24.6	22.6	19.7	16.8
120	32.6	28.9	25.7	22.7	19.8	16.8
140	33.5	29.4	26.0	22.8	19.8	16.8
180	34.6	30.0	26.2	22.9	19.8	16.8

ROADWAY SHALL TAPER INTO AND OUT OF CURVE WIDENING

C CURVE WIDENING TABLE FOR 14' ROAD WIDTH
Scale: NOT TO SCALE



U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
KLAMATH NATIONAL FOREST
TREKA, CALIFORNIA

GRIDER SALVAGE
SPECIFIED ROAD PACKAGE

RECONSTRUCTION DETAILS
THROUGH LANDSLIDE AREA

DESIGNED: K. BIGELOW
DRAWN: K. BIGELOW
CHECKED: K. KELLOGG
DATE: 6/16
DATE: 6/16
DATE: 6/16

DATE	REVISION	BY

DRAWING NAME
SHEET 4