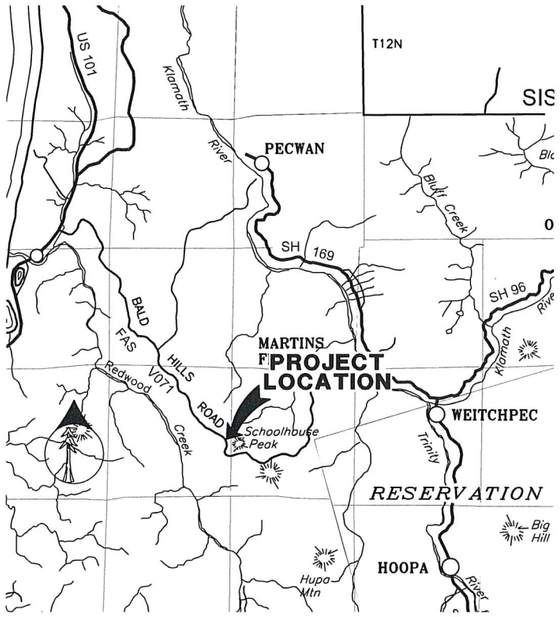
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BALD HILLS ROAD		DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 1 OF 3
	ROAD NO: F4R300	MILE POST: 16.05–19.04			
	AGREEMENT NO.: ER 4400(046)		DESIGNED BY: TRS	BALD HILLS ROAD PM 16.05–19.04 MAINTENANCE PROJECT	
	CONTRACT NO.: 321623		DRAWN BY: MMS		
	DRAWING FILE NAME: Bald_Hills_Rd_Design		REVIEWED BY: JAB	COVER SHEET, SHEET INDEX AND MAPS	
	PLOT DATE: 6/21/2022		APPROVED BY: TRS		

FUNDING SOURCE

THIS PROJECT IS FUNDED BY THE YUROK TRIBE

COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
PROJECT PLANS FOR CONSTRUCTION OF
ROAD MAINTENANCE ON
BALD HILLS ROAD (F4R300)
at P.M. 16.05-19.04
CONTRACT NO. 321623



VICINITY MAP

N.T.S.

INDEX OF SHEETS

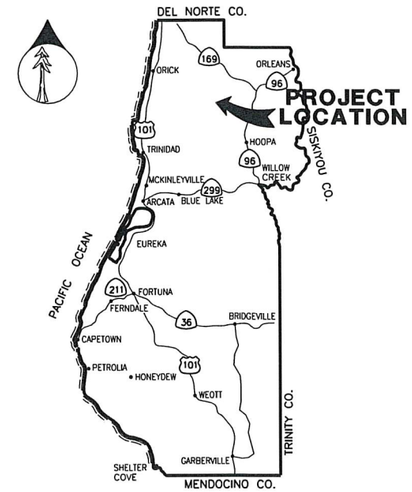
NOTES

THE CONTRACTOR SHALL HAVE A CLASS "A" LICENSE FOR THIS PROJECT.

REFERENCE TO CALTRANS STANDARD PLANS DATED JULY 2018.

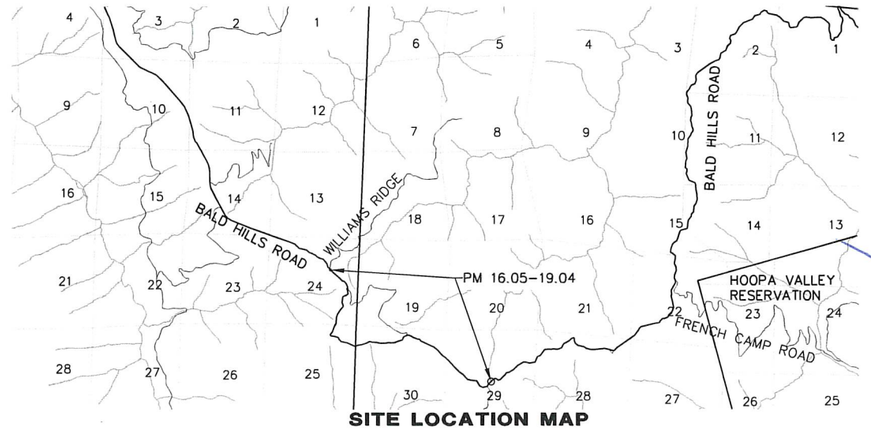
(SEE APPLICABLE STAN PLAN LIST IN SPECIAL PROVISIONS)

ADT: 309



LOCATION MAP

SCALE: 1"=10± MILE



SITE LOCATION MAP

SCALE 1"=~4500'

RECOMMENDED

Jeffrey A. Ball 6-22-22

JEFFREY A. BALL
RCE 70631, EXP. 6/30/2023

DATE

REGISTERED PROFESSIONAL ENGINEER
JEFFREY A. BALL
NO. 70631
CIVIL
STATE OF CALIFORNIA

APPROVED

Tony R Seghetti 6/22/22

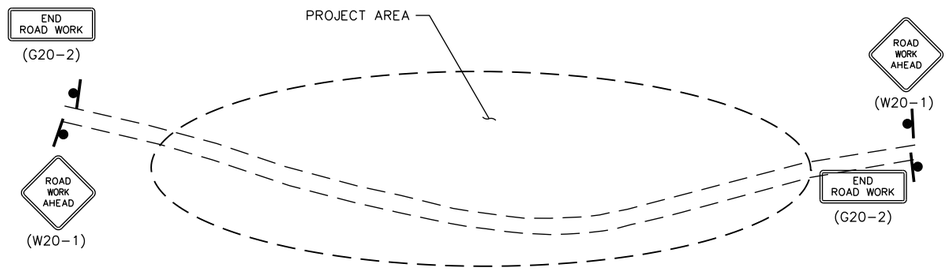
TONY R. SEGHETTI
RCE 63714, EXP. 9/30/2022

DATE

REGISTERED PROFESSIONAL ENGINEER
TONY R. SEGHETTI
NO. 63714
CIVIL
STATE OF CALIFORNIA

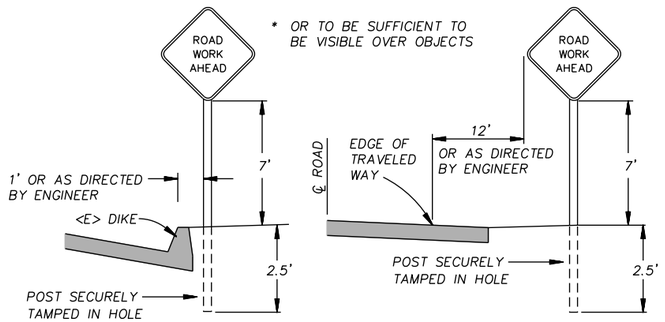
ORIGINAL LOW BID PRICE	CONSTRUCTED BY	RESIDENT ENGINEER
	PROJECT COMPLETED / /	CONSTRUCTION COST $

BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BALD HILLS ROAD		DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
	ROAD NO: F4R300	MILE POST: 16.05–19.04		BALD HILLS ROAD PM 16.05–19.04 MAINTENANCE PROJECT
	AGREEMENT NO.: ER 4400(046)		DESIGNED BY: TRS	
	CONTRACT NO.: 321623		DRAWN BY: MMS	TRAFFIC CONTROL PLAN AND QUANTITIES
	DRAWING FILE NAME: Bald_Hills_Rd_Design		REVIEWED BY: JAB	
	PLOT DATE: 6/21/2022		APPROVED BY: TRS	



TYPICAL TRAFFIC CONTROL PLANS

SCALE: 1"=200'±



RURAL CONSTRUCTION AREA SIGN

– NOT TO SCALE –

NOTES

1) SIGNS SHALL BE PLACED AS SHOWN ON PLAN, TABLE 1 & 2, AND/OR AS DIRECTED BY THE ENGINEER.

2) FINAL PLACEMENT OF SIGNS SHALL BE APPROVED BY RESIDENT ENGINEER.

3) ADDITIONAL PORTABLE SIGNS SHALL BE USED AS REQUIRED FOR OTHER ROADSIDE WORK.

4) SEE CALTRANS STANDARD PLANS T13 FOR TRAFFIC CONTROL SYSTEM IF A SINGLE–LANE DETOUR IS DEEMED NECESSARY FOR CONSTRUCTION BY THE ENGINEER.

5) IN ADDITION TO CONSTRUCTION AREA SIGNS AND WHEN DIRECTED BY THE RESIDENT ENGINEER, THE CONTRACTOR SHALL UTILIZE FLAGMEN AS NECESSARY TO DIRECT TRAFFIC.

6) KEEP A MINIMUM OF 1 TRAFFIC LANE AT LEAST 10 FEET WIDE OPEN FOR TRAFFIC, EXCEPT THE FULL WIDTH OF THE TRAVELED WAY (18' MINIMUM) MUST BE OPEN WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVE OR AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE.

7) WHEN DEVELOPING A DETOUR WITH A ONE–LANE, TWO–WAY TRAFFIC CONTROL SYSTEM, ADD A TRAFFIC TAPER TO BOTH ENDS OF THE DETOUR PER FIGURE 6C–3 OF THE CA MUTCD

QUANTITIES

ITEM NO.	ITEM CODE		ITEM DESCRIPTION	UNIT	QUANTITY
1	120095		Construction Area Signs	EA	4
2	120100		Traffic Control System	LS	1
3	130100		Job Site Management	LS	1
4	130300		Prepare Storm Water Pollution Prevention Plan	LS	1
5	130310		Rain Event Action Plan	EA	3
6	130320		Storm Water Sampling and Analysis	EA	3
7	130330		Storm Water Annual Report	EA	1
8	210212		Dry Seed (SQFT)	SQFT	2,800
9	210420		Straw	SQFT	2,800
10	260203	F	Class 2 Aggregate Base (CY)	CY	6,300
11	374002		Asphaltic Emulsion (Fog Seal Coat)	TON	10
12	374493		Polymer Asphaltic Emulsion (Seal Coat)	TON	123
13	390132		Hot Mix Aspahlt (Type A)	TON	135
14	665018		18" Corrugated Steel Pipe (.109" Thick)	LF	580
15	665024		24" Corrugated Steel Pipe (.109" Thick)	LF	60
16	723070		Rock Slope Protection (150 lb, Class III, Method B) (CY)	CY	14
17	999990		Mobilization (Includes TERO)	LS	1

CONSTRUCTION AREA SIGN SUMMARY

SIGN CODE	QTY	SIGN MESSAGE	PANEL SIZE	NUMBER & POST SIZE
G20–2	2	END ROAD WORK	36" x 18"	(1) 4" x 4"
W20–1	2	ROAD WORK AHEAD	36" x 36"	(1) 4" x 4"

BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: BALD HILLS ROAD		DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 3 OF 3
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO: F4R300	MILE POST: 16.05–19.04	DESIGNED BY: TRS	BALD HILLS ROAD PM 16.05–19.04 MAINTENANCE PROJECT	
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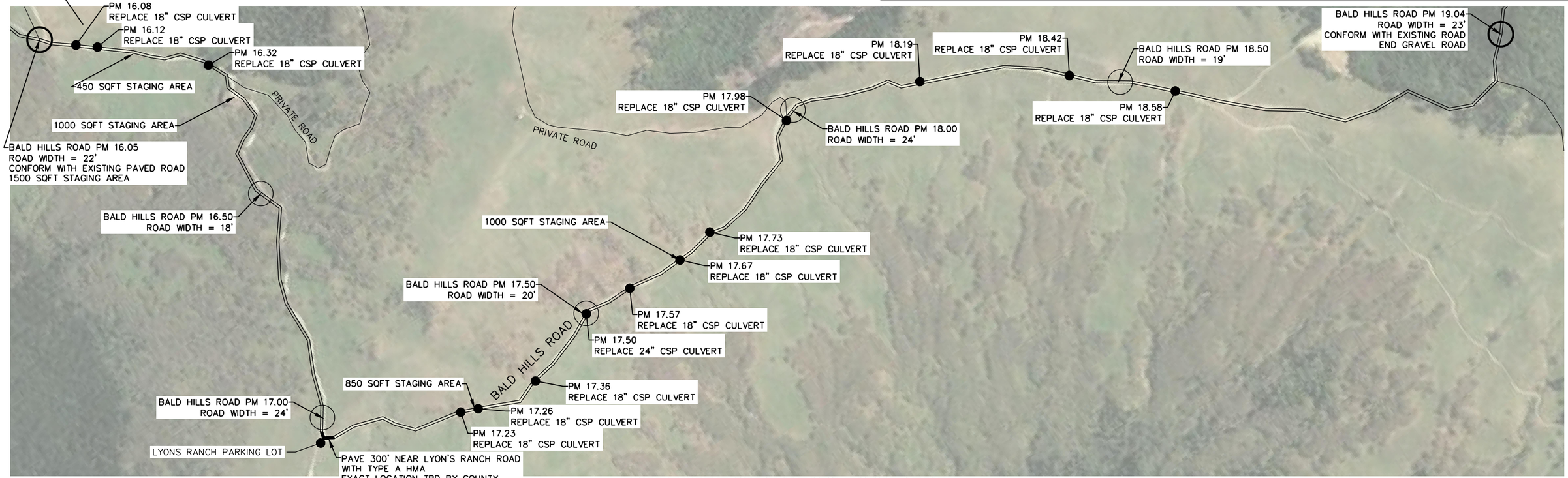
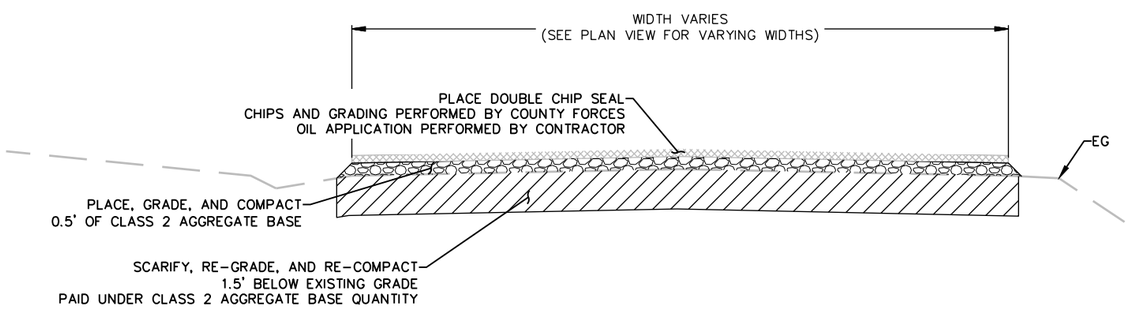


BALD HILLS ROAD PM 16.05-19.04 PLAN

SCALE: 1"=400'±

NOTES

- NOT A PRODUCT OF SURVEY
- CONTRACTOR MUST VERIFY FIELD CONDITIONS
- CONTRACTOR TO MAINTAIN 10' MINIMUM ROAD WIDTH DURING CONSTRUCTION
- TOTAL LENGTH: 15,787.2' (2.99 MI * 5280 FT)



RE-BASE ROADWAY TYPICAL SECTION

SCALE: 1"=3'±

ROAD WIDTH TABLE

MILE POST	ROAD WIDTH
PM 16.05	22'–0"
PM 16.50	18'–0"
PM 17.00	24'–0"
PM 17.50	20'–0"
PM 18.00	24'–0"
PM 18.50	19'–0"
PM 19.04	23'–0"

CULVERT REPLACEMENT TABLE

Mile Post	G.P.S. Location	Culvert Size	Length	Existing Culvert Type	Culvert Depth @ Crown Inlet/Outlet
16.08	41.15831, -123.89276	18"	60'	Steel	12"/14"
16.12	41.15803, -123.89226	18"	40'	Steel	12"/16"
16.32	41.15622, -123.88978	18"	60'	Steel	14"/18"
17.23	41.14675, -123.88919	18"	40'	Steel	16"/22"
17.26	41.14657, - 123.88866	18"	40'	Steel	16"/20"
17.36	41.14649, -123.88696	18"	40'	Steel	14"/24"
17.50	41.14712, -123.88467	24"	60'	Steel	24"/38"
17.57	41.14705, -123.88315	18"	60'	Steel	18"/24"
17.67	41.14694, -123.88146	18"	40'	Steel	22"/30"
17.73	41.14704, -123.88025	18"	40'	Steel	22"/32"
17.98	41.14827, -123.8766	18"	40'	Steel	12"/16"
18.19	41.14715, -123.87248	18"	40'	Steel	14"/18"
18.42	41.14536, -123.86881	18"	40'	Steel	12"/16"
18.58	41.14379, -123.86654	18"	40'	Steel	12"/16"

STOCKPILE NOTES- STD PLAN T53

1) SHALL HAVE STRAW WADDLES, HAY BALES AND OR SILT FENCE AROUND STOCKPILE (SILT FENCE DETAIL SHOWN).
2) SHALL BE COVERED WITH PLASTIC WHEN NOT IN USE AND BE WEIGHTED DOWN WITH SANDBAGS OR EQUIVALENT (AS PER STANDARD PLAN T53).
3) IF STOCKPILE AREA IS IN A TURNOUT, THE TURNOUT SHALL BE REESTABLISHED TO PRE-CONSTRUCTION CONDITIONS.
4) IF TEMPORARY CULVERTS ARE INSTALLED, THE DITCH LINE SHALL BE RECONSTRUCTED AT THE END OF THE PROJECT.
5) STOCKPILE LOCATIONS HAVE BEEN APPROVED BY PUBLIC WORKS AS DETAILED IN THE ENVIRONMENTAL REPORT. ALTERNATIVE SITES MAY BE APPROVED THROUGH PUBLIC WORKS IN WRITING.
6) STAGING AND/OR STOCKPILING IS NOT ALLOWED IN THE LYONS RANCH PARKING LOT OR ROAD LEADING TO THE PARKING LOT

CULVERT REPLACEMENT NOTES

1) 200 SQFT OF STRAW AND SEED ESTIMATED FOR EACH CULVERT (14 TOTAL)
2) THE LINEAR FOOT CULVERT PRICE INCLUDES THE COST OF EXCAVATION, CULVERT INSTALLATION, AND BACKFILL
3) EXCAVATE AND BACKFILL CULVERTS PER THE 2018 CALTRANS STANDARD PLAN A62F
4) CULVERTS ARE TO BE PLACED IN THEIR EXISTING ALIGNMENTS AND AT THEIR EXISTING ELEVATIONS
5) ANY CONSTRUCTION ROAD CLOSURE LONGER THAN 15 MINUTES MUST BE SENT TO THE COUNTY 2 WEEKS IN ADVANCE
6) PLACE 1 CY OF CLASS III RSP AT THE OUTLET OF EACH CULVERT