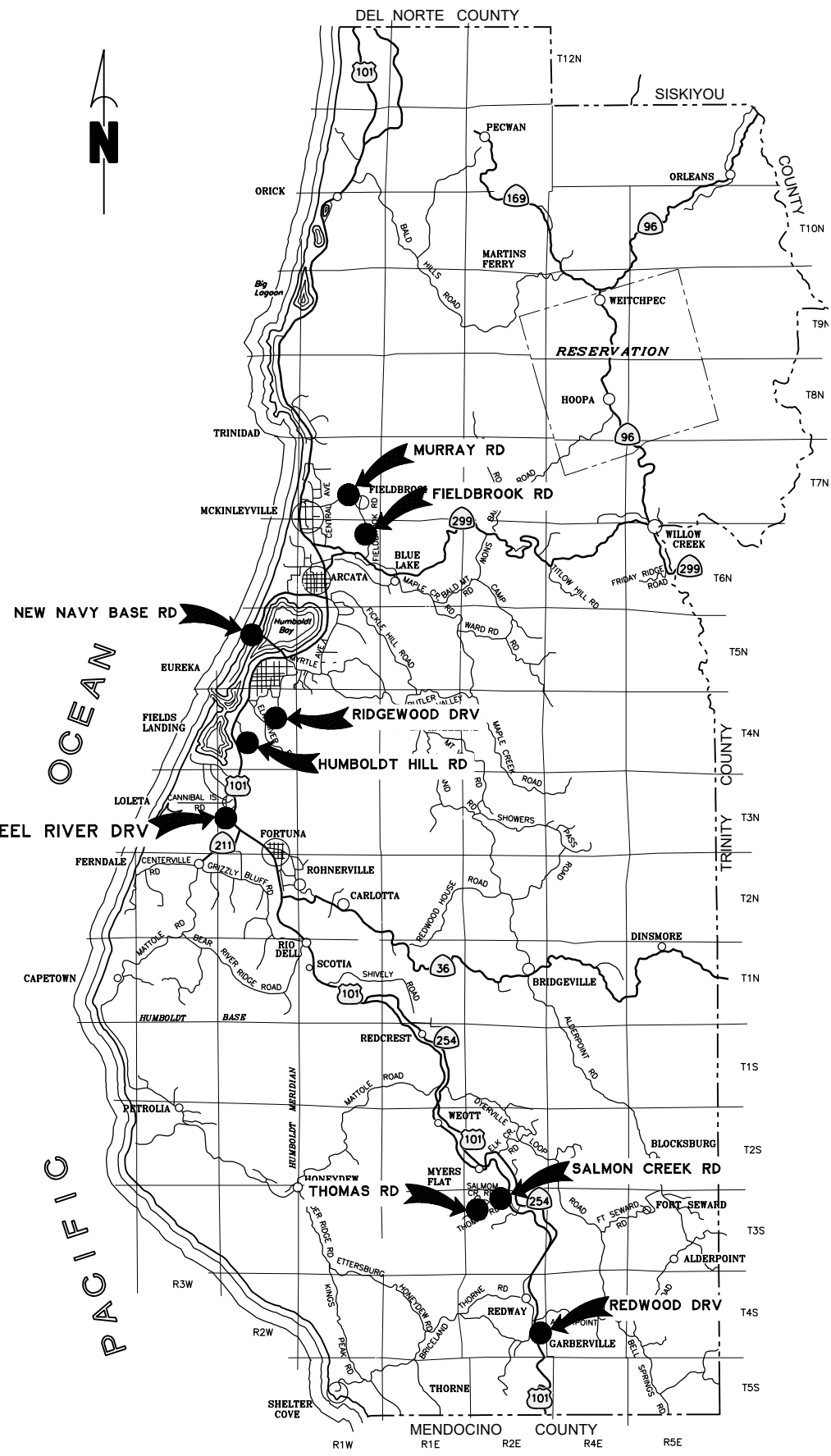


BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: HUMBOLDT HILL RD, RIDGEWOOD DRV, NEW NAVY BASE RD, EEL RIVER DRV, MURRAY RD, FIELDBROOK RD, THOMAS RD & SALMON CREEK RD, REDWOOD DRV	DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 1 OF 11
	PROJECT NO.: MEASURE Z	DESIGNED BY: ENGR	2024 MEASURE Z	
	CONTRACT NO.: 298100	DRAWN BY: ENGR	COVER SHEET, INDEX AND LOCATION MAP	
	DRAWING FILE NAME: 2024 MEASURE Z	REVIEWED BY: JAB		
PLOT DATE: 02/16/2024	APPROVED BY: TRS			



LOCATION MAP
SCALE: 1" = ~30,000'

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

PROJECT PLANS FOR CONSTRUCTION OF MEASURE Z - 2024 HUMBOLDT HILL RD, RIDGEWOOD DRV, NEW NAVY BASE RD, EEL RIVER DRV, FIELDBROOK RD, MURRAY RD, SALMON CREEK RD, THOMAS RD, REDWOOD DRV CONTRACT NO. 298100



FUNDING SOURCE

THIS PROJECT IS FUNDED BY HUMBOLDT COUNTY MEASURE Z

RECOMMENDED

Jeffrey A. Ball
JEFFREY A. BALL
RCE 70631, EXP. 6/30/2025

2-16-2024
DATE



APPROVED

Tony R. Seghetti
TONY R. SEGHETTI
RCE 63714, EXP. 9/30/2024

02-21-2024
DATE



INDEX OF SHEETS

- 1 COVER SHEET, SHEET INDEX, AND MAPS
- 2 CONSTRUCTION AREA SIGNS & QUANTITIES
- 3 TYPICAL SECTION AND DETAILS
- 4 HUMBOLDT HILL ROAD
- 5 RIDGEWOOD DRIVE
- 6 NEW NAVY BASE ROAD
- 7 EEL RIVER DRIVE
- 8 MURRAY ROAD
- 9 FIELDBROOK ROAD
- 10 THOMAS ROAD & SALMON CREEK ROAD
- 11 REDWOOD DRIVE - GARBERVILLE

NOTES

THE CONTRACTOR SHALL HAVE A CLASS "A" LICENSE FOR THIS PROJECT.
PROJECT PLANS AND SPECIAL PROVISIONS TO BE SUPPLEMENT BY STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION 2023 STANDARD PLANS AND STANDARD SPECIFICATIONS
(SEE APPLICABLE STANDARD PLAN LIST IN SPECIAL PROVISIONS)

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



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: HUMBOLDT HILL RD, RIDGEWOOD DRV, NEW NAVY BASE RD, EEL RIVER DRV, MURRAY RD, FIELDBROOK RD, THOMAS RD & SALMON CREEK RD, REDWOOD DRV	DESIGN SECTION ENGINEERING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	PROJECT NO.: MEASURE Z	DESIGNED BY: ENGR
	CONTRACT NO.: 29B100	DRAWN BY: ENGR
	DRAWING FILE NAME: 2024 MEASURE Z	REVIEWED BY: JAB
	PLOT DATE: 02/16/2024	APPROVED BY: TRS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS 2024 MEASURE Z
TRAFFIC CONTROL PLAN

SHEET
2
OF
11

LEGEND

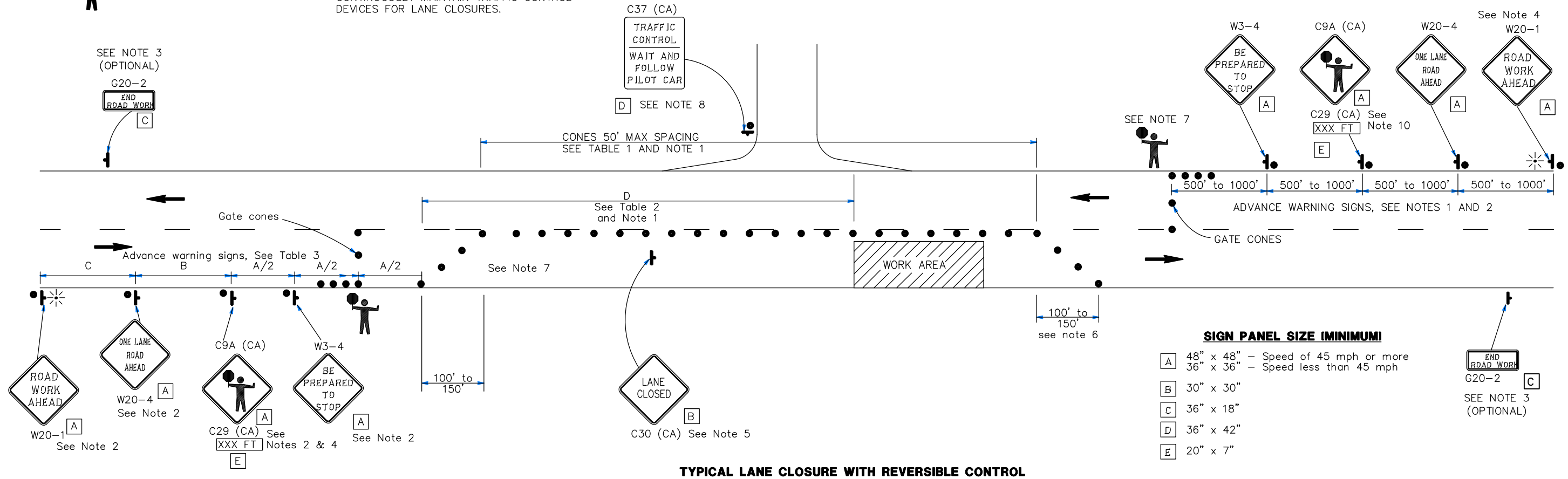
- TRAFFIC CONE
- TEMPORARY SIGN
- DIRECTION OF TRAVEL
- PORTABLE FLASHING BEACON
- FLAGGER

NOTES:

SEE STANDARD PLAN T9 FOR TABLES

USE CONE SPACING X FOR TAPER SEGMENT, Y FOR TANGENT SEGMENT OR Z FOR CONFLICT SITUATIONS, AS APPROPRIATE, PER TABLE 1, UNLESS X, Y, OR Z CONE SPACING IS SHOWN ON THIS SHEET.

PROVIDE AT LEAST ONE PERSON TO CONTINUOUSLY MAINTAIN TRAFFIC CONTROL DEVICES FOR LANE CLOSURES.



SIGN PANEL SIZE (MINIMUM)

A	48" x 48" - Speed of 45 mph or more 36" x 36" - Speed less than 45 mph
B	30" x 30"
C	36" x 18"
D	36" x 42"
E	20" x 7"

TYPICAL LANE CLOSURE WITH REVERSIBLE CONTROL

NOTES:

1. Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.
2. Each advance warning sign in each direction of travel shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
3. A G20-2 "END ROAD WORK" sign, shall be placed at the end of the lane closure unless the end of work area is obvious, or ends within a larger project's limits.
4. An optional C29 (CA) sign may be placed below the C9A (CA) sign.
5. Place C30 (CA) "LANE CLOSED" sign at 500' to 1000' intervals Throughout extended work areas. They are optional if the work area is visible from the flagger station.
6. Length may be reduced by the Engineer to address site conditions.
7. Traffic cones or barricades may be placed on the optional taper as shown, barricades shall be Type I, II, OR III.
8. When a pilot car is used, place a C37 (CA) "TRAFFIC CONTROL-WAIT AND FOLLOW PILOT CAR" sign with a black legend on white background at all intersections, driveways and alleys without a flagger within the traffic control area.

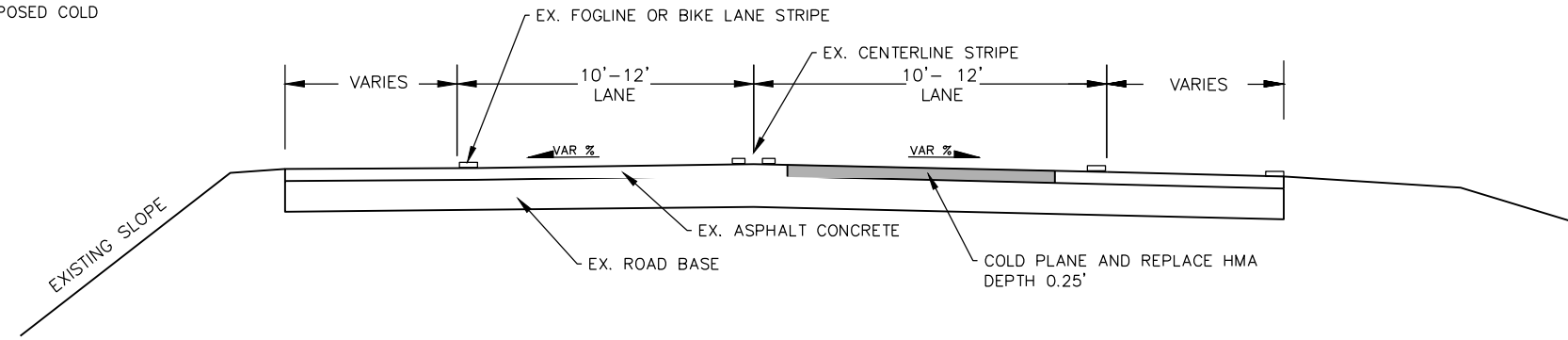


BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: HUMBOLDT HILL RD, RIDGEWOOD DR, NEW NAVY BASE RD, EEL RIVER DR, MURRAY RD, FIELDBROOK RD, THOMAS RD & SALMON CREEK RD, REDWOOD DR	DESIGN SECTION ENGINEERING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	PROJECT NO.: MEASURE Z	DESIGNED BY: ENGR
	CONTRACT NO.: 29B100	DRAWN BY: ENGR
	DRAWING FILE NAME: 2024 MEASURE Z	REVIEWED BY: JAB
	PLOT DATE: 02/16/2024	APPROVED BY: TRS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS 2024 MEASURE Z	SHEET 3 OF 11
TYPICAL SECTION & DETAILS	

NOTES

- 1) MANAGE MATERIAL PER SECTION 13-4.03C OF CALTRANS STANDARD SPECIFICATIONS.
- 2) IF STOCKPILE AREA IS IN A TURNOUT, THE TURNOUT SHALL BE REESTABLISHED TO PRE-CONSTRUCTION CONDITIONS.
- 3) STRIPING AND MARKINGS BY COUNTY
- 4) SEE PLANS VIEW AND SUMMARY TABLE FOR PROPOSED COLD PLANE LIMITS

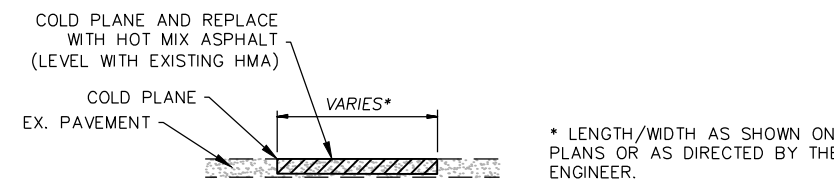


TYPICAL ROADWAY SECTION COLD PLANE & REPLACE HMA

NOT TO SCALE

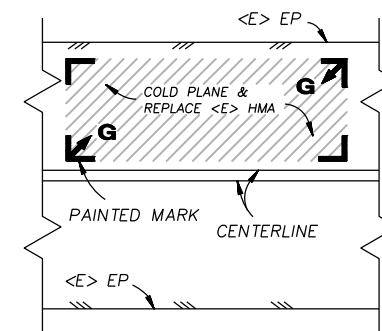
COLD PLANE & HMA SITE TOTALS

	SITE TOTALS	
	Cold Plane (SY)	HMA (tons)
Humboldt Hill Rd	2467	416
Ridgewood Dr	3867	653
New Navy Base Rd	4667	788
Eel River Drive	1760	297
Murray Rd	3200	540
Fieldbrook Rd	3067	518
Redwood Dr - Garberville	1333	225
Salmon Crk & Thomas Rd	0	428
Total =	20361	3865



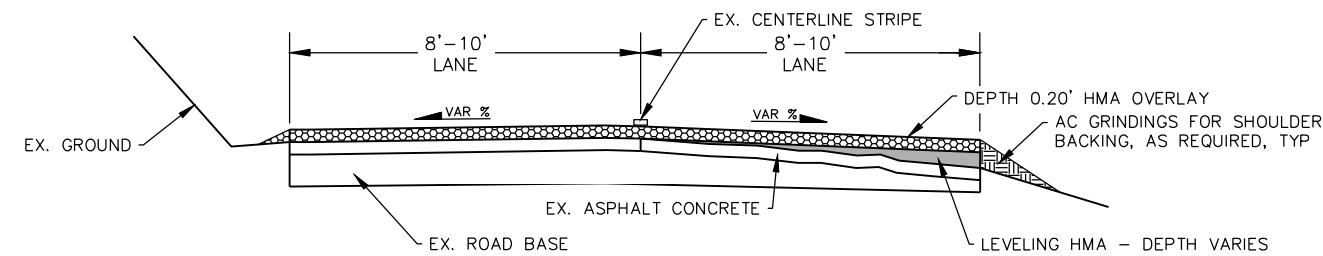
TYPICAL COLD PLANE (GRIND) & REPLACE

NOT TO SCALE



COLD PLANE LIMITS AS PAINTED ON THE ROADWAY

NOT TO SCALE



TYPICAL ROADWAY SECTION HMA LEVELING & OVERLAY

NOT TO SCALE

SITE LOCATIONS

BEG/END SITE #	LAT*	LONG*	PM**
HUMBOLDT HILL			
P1	40.730000	-124.202100	0.96
P2	40.726608	-124.202662	1.18
RIDGEWOOD DR			
P3	40.7344	-124.1632	0.70
P4	40.7372	-124.1749	1.63
EEL RIVER DR			
P1	40.620056	-124.210176	0.02
NEW NAVY BASE			
P1	40.825833	-124.176588	0.03
P2	40.821659	-124.188097	0.66
MURRAY RD			
P1	40.970368	-124.049136	4.69
P2	40.970395	-124.060044	4.09
FIELDBROOK RD			
P1	40.931393	-124.018738	2.28
P2	40.933161	-124.019812	2.42
P3	40.939455	-124.02308	2.90
P4	40.942465	-124.025961	3.17
THOMAS RD			
P3	40.214700	-123.881600	2.29
P4	40.218210	-123.879400	1.98
SALMON CREEK			
P1	40.228500	-123.852950	2.15
P2	40.228600	-123.850650	2.29
REDWOOD DR			
P1	40.099388	-123.795022	0.21
P2	40.101459	-123.794895	0.34

*LAT, LONG - Latitude and Longitude are shown in decimal degree
 **PM - Post Miles are approximate. PM's estimated from LAT/LONG calculator.



SCALE: 1"=100FT



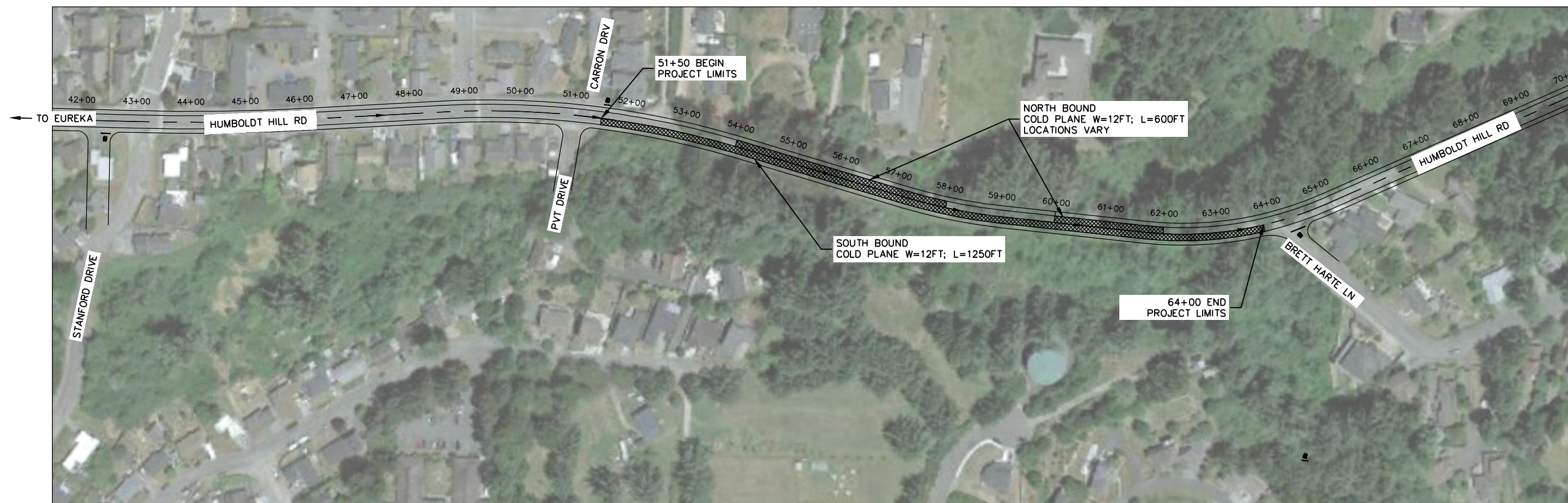
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

ROAD NAME: HUMBOLDT HILL RD, RIDGEWOOD DRV, NEW NAVY BASE RD, EEL RIVER DRV, MURRAY RD, FIELDBROOK RD, THOMAS RD & SALMON CREEK RD, REDWOOD DRV
PROJECT NO.: MEASURE Z
CONTRACT NO.: 29B100
DRAWING FILE NAME: 2024 MEASURE Z
PLOT DATE: 02/16/2024

DESIGN SECTION
ENGINEERING
DESIGNED BY: ENGR
DRAWN BY: ENGR
REVIEWED BY: JAB
APPROVED BY: TRS

COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
2024 MEASURE Z
HUMBOLDT HILL ROAD

SHEET
4
OF
11



NOTES:

1. STATIONING PER 29RS139
2. NORTH BOUND COLD PLANE LOCATIONS TO BE MARKED BY FIELD ENGINEER



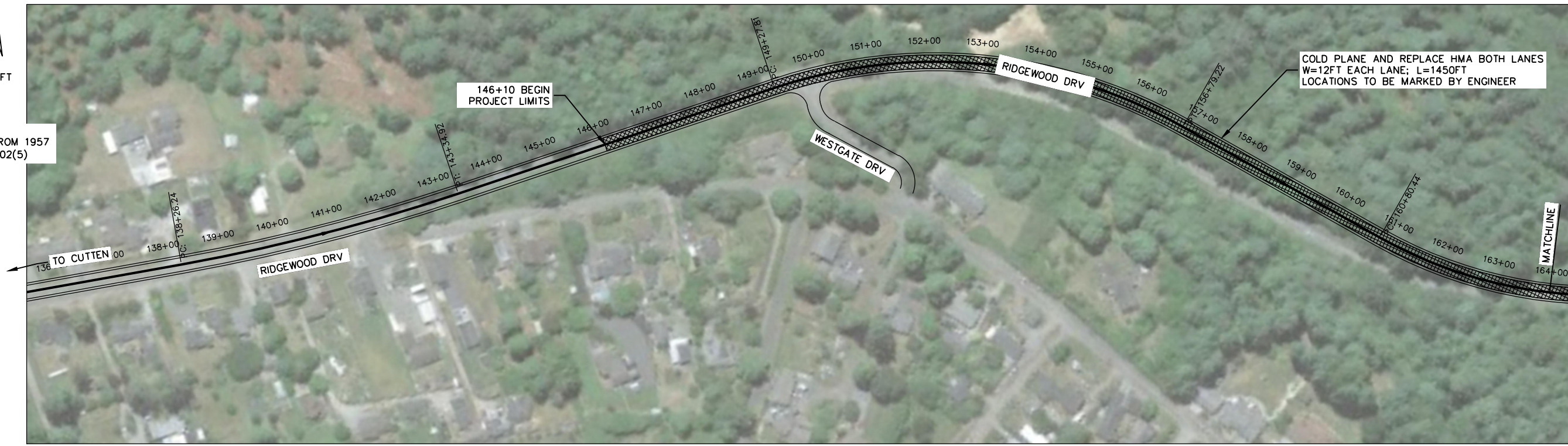
BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: HUMBOLDT HILL RD, RIDGEWOOD DRV, NEW NAVY BASE RD, EEL RIVER DRV, MURRAY RD, FIELDBROOK RD, THOMAS RD & SALMON CREEK RD, REDWOOD DRV	DESIGN SECTION ENGINEERING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	PROJECT NO.: MEASURE Z	DESIGNED BY: ENGR
	CONTRACT NO.: 298100	DRAWN BY: ENGR
	DRAWING FILE NAME: 2024 MEASURE Z	REVIEWED BY: JAB
	PLOT DATE: 02/16/2024	APPROVED BY: TRS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 5
2024 MEASURE Z	OF
RIDGEWOOD DRIVE	11



SCALE: 1"=100FT

NOTES:
1. CL STATIONING FROM 1957 ASBUILTS FAS 1202(5)



SCALE: 1"=100FT



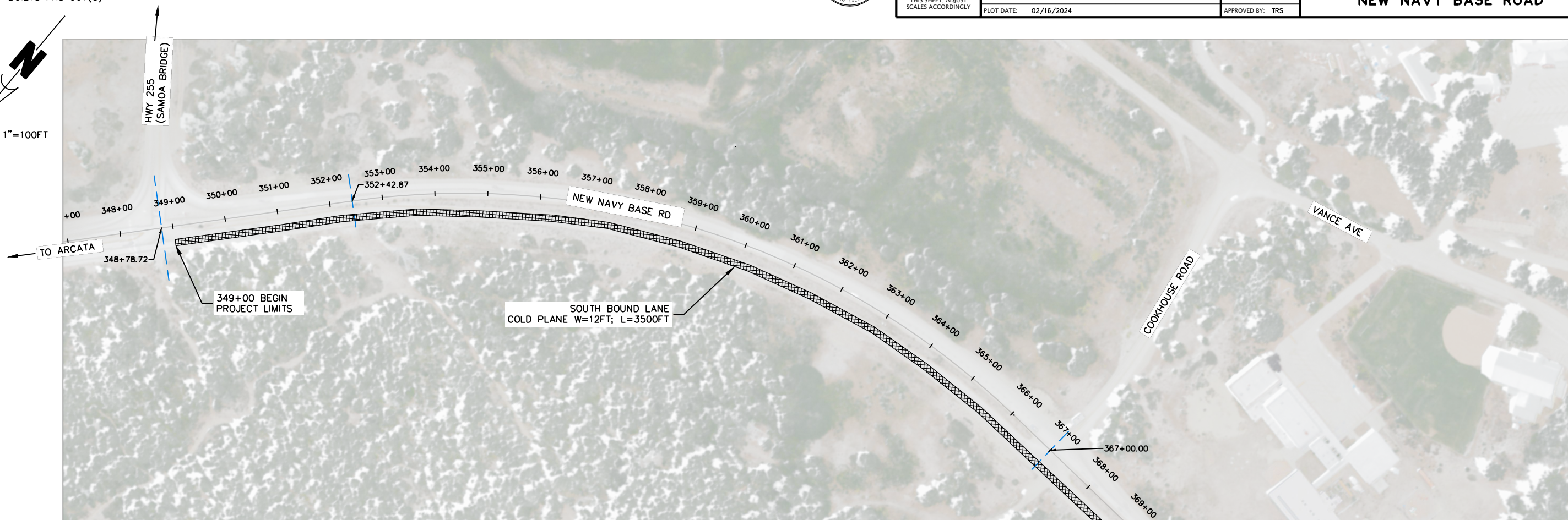


BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: HUMBOLDT HILL RD, RIDGEWOOD DRV, NEW NAVY BASE RD, EEL RIVER DRV, MURRAY RD, FIELDBROOK RD, THOMAS RD & SALMON CREEK RD, REDWOOD DRV	DESIGN SECTION ENGINEERING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	PROJECT NO.: MEASURE Z	DESIGNED BY: ENGR
	CONTRACT NO.: 298100	DRAWN BY: ENGR
	DRAWING FILE NAME: 2024 MEASURE Z	REVIEWED BY: JAB
	PLOT DATE: 02/16/2024	APPROVED BY: TRS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 6
2024 MEASURE Z	OF
NEW NAVY BASE ROAD	11

NOTES:
1. CL STATIONING PER 1969 AS-BUILTS FAS 967(5)

SCALE: 1"=100FT



SCALE: 1"=100FT





BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

ROAD NAME: HUMBOLDT HILL RD, RIDGEWOOD DRV, NEW NAVY BASE RD, EEL RIVER DRV, MURRAY RD, FIELDBROOK RD, THOMAS RD & SALMON CREEK RD, REDWOOD DRV
PROJECT NO.: MEASURE Z
CONTRACT NO.: 298100
DRAWING FILE NAME: 2024 MEASURE Z
PLOT DATE: 02/16/2024

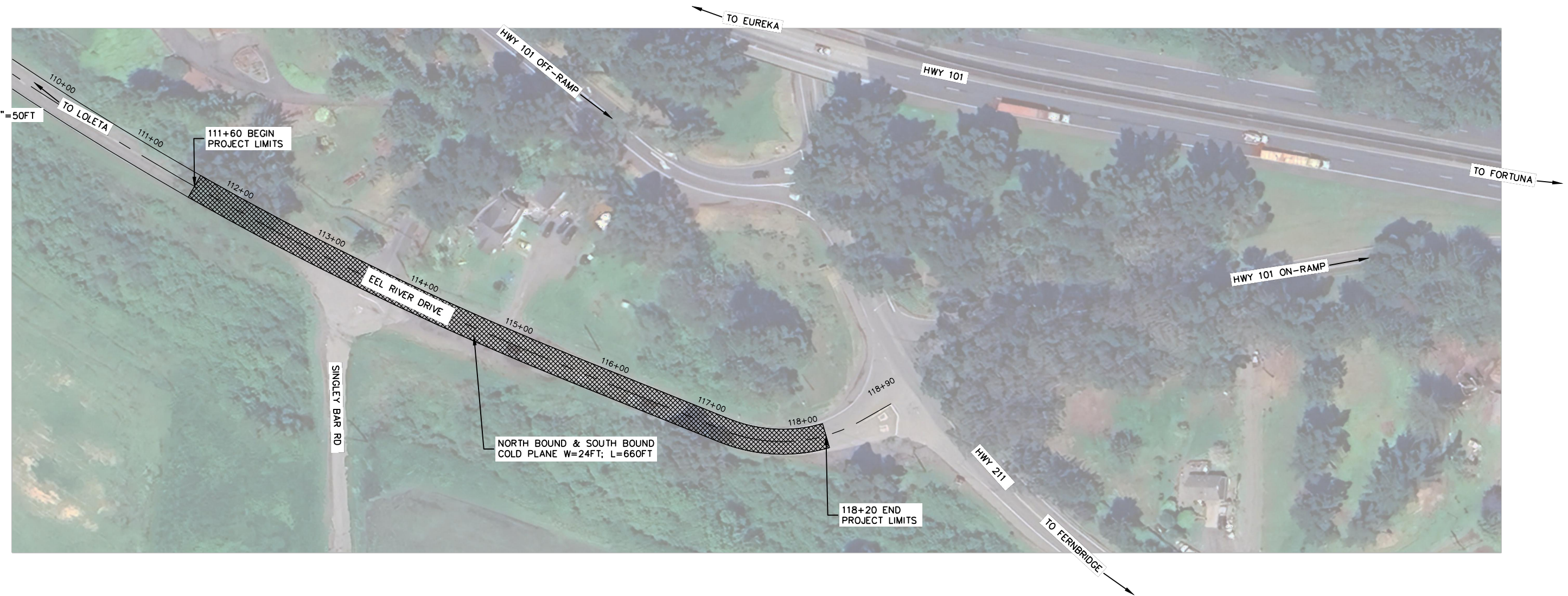
DESIGN SECTION
ENGINEERING
DESIGNED BY: ENGR
DRAWN BY: ENGR
REVIEWED BY: JAB
APPROVED BY: TRS

COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
2024 MEASURE Z
EEL RIVER DRIVE

SHEET
7
OF
11



SCALE: 1"=50FT





ROAD NAME: HUMBOLDT HILL RD, RIDGEWOOD DRV, NEW NAVY BASE RD, EEL RIVER DRV, MURRAY RD, FIELDBROOK RD, THOMAS RD & SALMON CREEK RD, REDWOOD DRV	DESIGN SECTION ENGINEERING
PROJECT NO.: MEASURE Z	DESIGNED BY: ENGR
CONTRACT NO.: 29B100	DRAWN BY: ENGR
DRAWING FILE NAME: 2024 MEASURE Z	REVIEWED BY: JAB
PLOT DATE: 02/16/2024	REVISION DATE:
	APPROVED BY: TRS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 8
2024 MEASURE Z	OF
MURRAY ROAD	11

NOTES:
1. CL STATIONING BASED ON 1971 ASBUILTS FOR MURRAY ROAD



PLAN VIEW
SCALE: 1"=100'



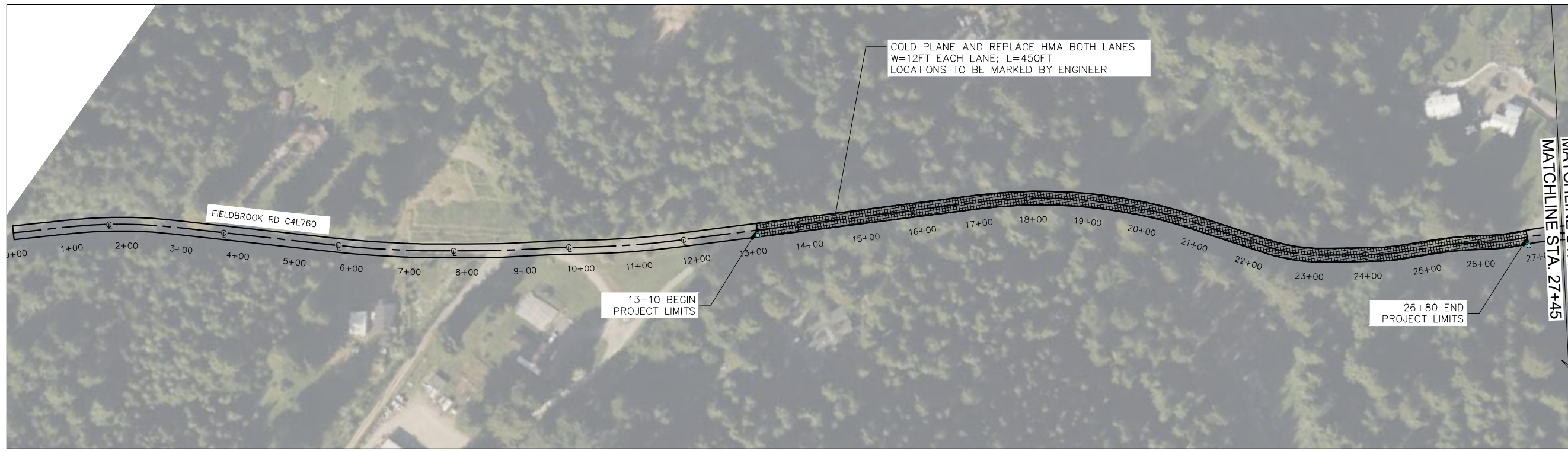
PLAN VIEW
SCALE: 1"=100'



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: HUMBOLDT HILL RD, RIDGEWOOD DRV, NEW NAVY BASE RD, EEL RIVER DRV, MURRAY RD, FIELDBROOK RD, THOMAS RD & SALMON CREEK RD, REDWOOD DRV	DESIGN SECTION ENGINEERING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	PROJECT NO.: MEASURE Z	DESIGNED BY: ENGR
	CONTRACT NO.: 298100	DRAWN BY: ENGR
	DRAWING FILE NAME: 2024 MEASURE Z	REVIEWED BY: JAB
	PLOT DATE: 02/16/2024	REVISION DATE:
		APPROVED BY: TRS

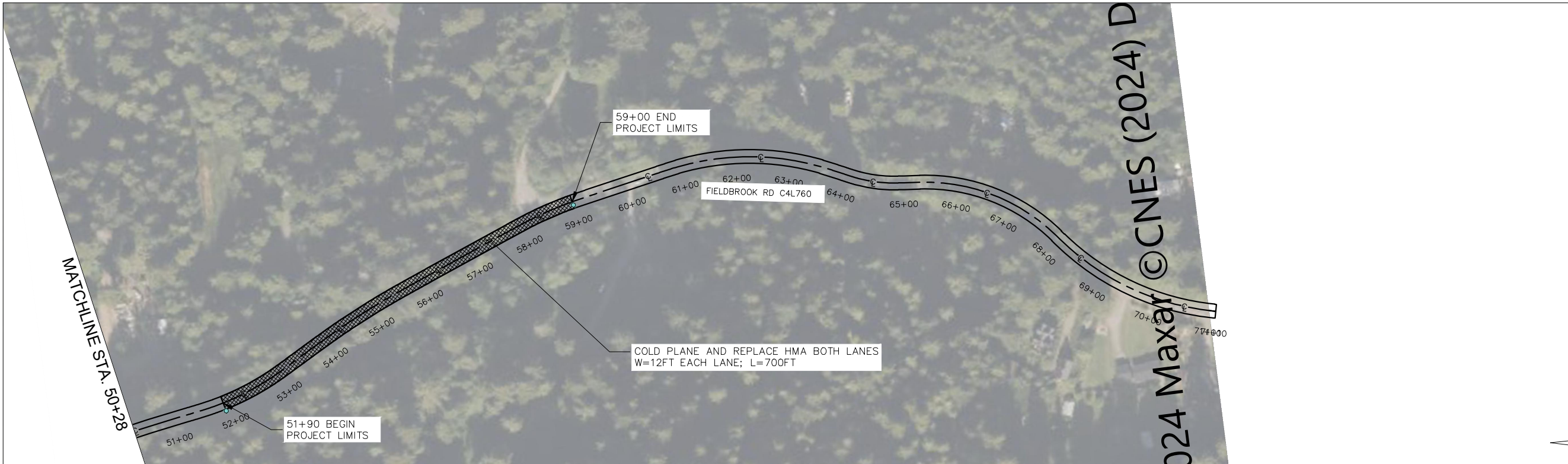
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
2024 MEASURE Z
FIELDBROOK ROAD

SHEET
9
OF
11



PLAN VIEW

SCALE: 1"=100'



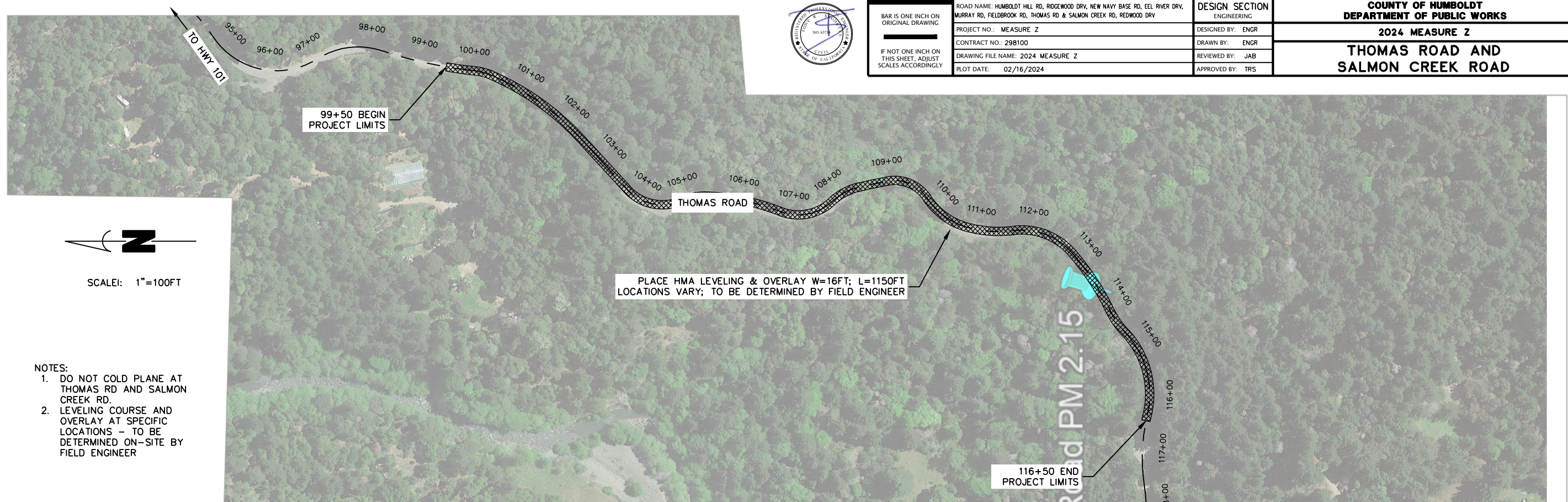
PLAN VIEW

SCALE: 1"=100'



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: HUMBOLDT HILL RD, RIDGEWOOD DRV, NEW NAVY BASE RD, EEL RIVER DRV, MURRAY RD, FIELDBROOK RD, THOMAS RD & SALMON CREEK RD, REDWOOD DRV	DESIGN SECTION ENGINEERING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	PROJECT NO.: MEASURE Z	DESIGNED BY: ENGR
	CONTRACT NO.: 298100	DRAWN BY: ENGR
	DRAWING FILE NAME: 2024 MEASURE Z	REVIEWED BY: JAB
	PLOT DATE: 02/16/2024	APPROVED BY: TRS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 10
2024 MEASURE Z	OF 11
THOMAS ROAD AND SALMON CREEK ROAD	



- NOTES:
- DO NOT COLD PLANE AT THOMAS RD AND SALMON CREEK RD.
 - LEVELING COURSE AND OVERLAY AT SPECIFIC LOCATIONS - TO BE DETERMINED ON-SITE BY FIELD ENGINEER





BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

ROAD NAME: HUMBOLDT HILL RD, REDWOOD DR, NEW NAVY BASE RD, EEL RIVER DRV, MURRAY RD, FIELDBROOK RD, THOMAS RD & SALMON CREEK RD, REDWOOD DRV
 PROJECT NO.: MEASURE Z
 CONTRACT NO.: 298100
 DRAWING FILE NAME: 2024 MEASURE Z
 PLOT DATE: 02/16/2024

DESIGN SECTION
 ENGINEERING
 DESIGNED BY: ENGR
 DRAWN BY: ENGR
 REVIEWED BY: JAB
 APPROVED BY: TRS

COUNTY OF HUMBOLDT
 DEPARTMENT OF PUBLIC WORKS
 2024 MEASURE Z
REDWOOD DRIVE

SHEET
11
 OF
11



SCALE: 1"=60FT



GARBERVILLE

- NOTES:
 1. STATIONING PER BOOK 2 HW PGS 27-28
 2. COLD PLANE 8 FT WIDE CENTERED ON EX. AC SEAM