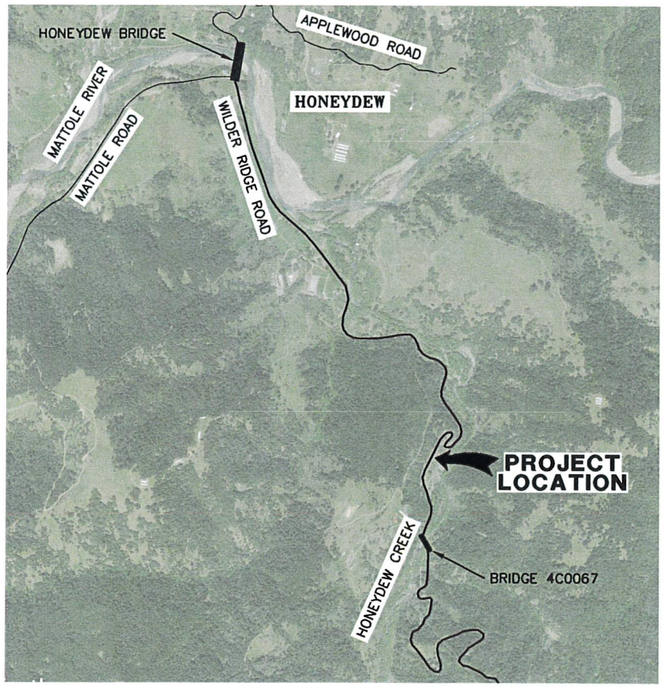
FUNDING SOURCES

FEMA

Cal OES
GOVERNOR'S OFFICE OF EMERGENCY SERVICES

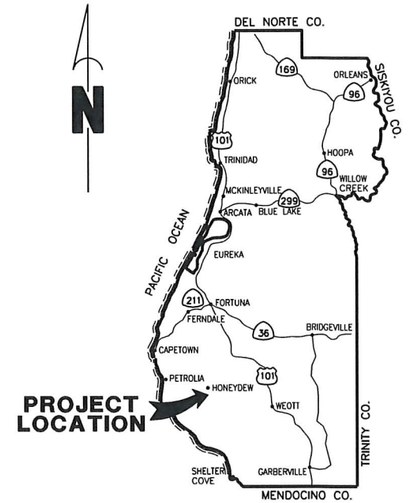
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: WILDER RIDGE ROAD		DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 1 OF 10
	ROAD NO: 7D010	MILE POST: 6.11			
	FEMA PROJECT NO.: FEMA-4301-DR-CA PW#1045		DESIGNED BY: MMS	WILDER RIDGE ROAD PM 6.11 STORM DAMAGE REPAIR	
	CONTRACT NO.: 217310		DRAWN BY: MMS		
	DRAWING FILE NAME: 217310_Design		REVIEWED BY: JAB	COVER SHEET, SHEET INDEX AND MAPS	
	PLOT DATE: 6/8/2022		APPROVED BY: TRS		

COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
PROJECT PLANS FOR CONSTRUCTION OF
STORM DAMAGE REPAIRS ON WILDER RIDGE ROAD (7D010) at P.M. 6.11 FEMA-4301-DR-CA PW-1045 CONTRACT NO. 217310



VICINITY MAP

N.T.S.



LOCATION MAP

SCALE: 1"=10± MILE

INDEX OF SHEETS

NOTES

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

PROJECT PLANS AND SPECIAL PROVISIONS TO BE SUPPLEMENTED BY THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS, STANDARD SPECIFICATIONS, AND THE LATEST REVISED 2018 STANDARD SPECIFICATIONS
(SEE APPLICABLE STAN PLAN LIST IN SPECIAL PROVISIONS)

RECOMMENDED

Jeffrey A. Ball 6-8-22

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

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

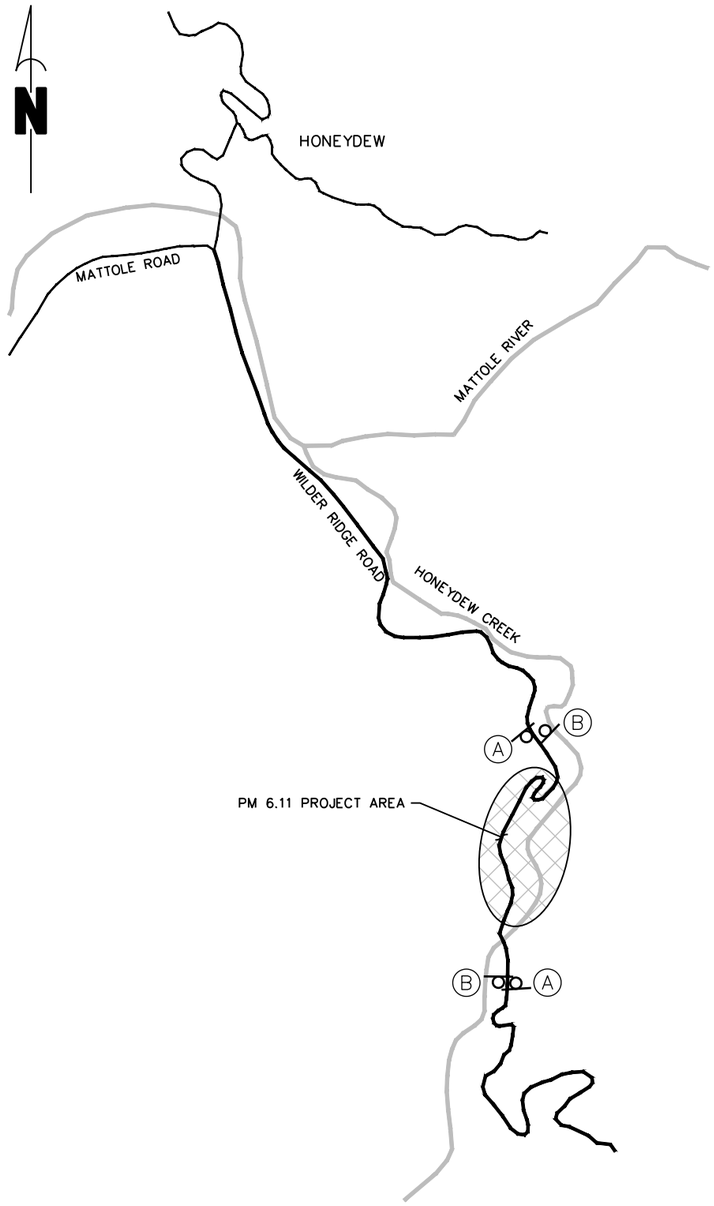
APPROVED

Tony Seghetti 6/8/22

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

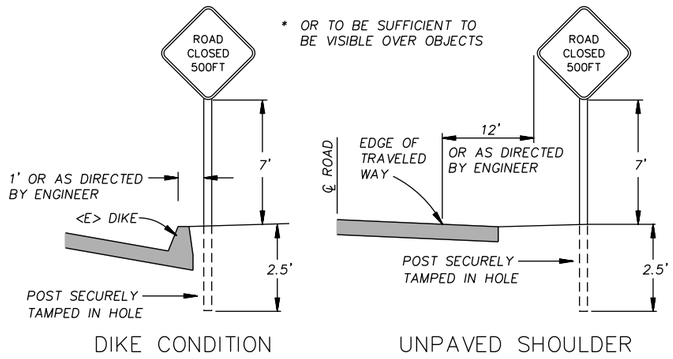
REGISTERED PROFESSIONAL ENGINEER
TONY R. SEGHETTI
NO. 63714
CIVIL
STATE OF CALIFORNIA

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



PLAN VIEW

SCALE: 1"=~800'



RURAL CONSTRUCTION AREA SIGN

– NOT TO SCALE –

NOTES

1) SIGNS SHALL BE PLACED AS SHOWN ON PLAN 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 STANDARD PLAN T13 FOR TRAFFIC CONTROL SYSTEM.
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) DISTANCE TO W20–1 AND G20–2 MAY BE EXTENDED TO ENCOMPASS SITES WITHIN ONE MILE OF EACH OTHER.
7) KEEP A MINIMUM OF 1 TRAFFIC LANE AT LEAST 10' WIDE OPEN FOR TRAFFIC, EXCEPT THE FULL WIDTH OF THE TRAVELED WAY MUST BE OPEN WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVE OR AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE

STOCKPILE NOTES

1) MANAGE MATERIAL PER SECTION 13–4.03 (C) OF THE 2018 CALTRANS STANDARD SPECIFICATIONS

2) IF STOCKPILE AREA IS IN A TURNOUT– THE TURNOUT SHALL BE REESTABLISHED TO PRE–CONSTRUCTION CONDITIONS

3) STOCKPILE ON–SITE IF POSSIBLE

QUANTITIES

ITEM NO.	ITEM CODE		ITEM DESCRIPTION	UNIT	Total
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	130610		Temporary Check Dam	LF	30
9	170103		Clearing and Grubbing	LS	1
10	190101	F	Roadway Excavation	CY	240
11	210212		Dry Seed	SQFT	22,430
12	210280		Rolled Erosion Control Product (Blanket)	SQFT	970
13	210350		Fiber Rolls	LF	340
14	210420		Straw	SQFT	21,460
15	260202		Class 2 Aggregate Base	TON	450
16	390132		Hot Mix Asphalt (Type A)	TON	861
17	394073		Place Hot Mix Asphalt Dike (Type A)	LF	200
18	600021	F	Remove Retaining Wall	LS	1
19	600029	F	Remove Asphalt Concrete Surfacing	SQFT	21,460
20	600030	F	Decomission Roadway	LS	1
21	710130		Remove Culvert (EA)	EA	6
22	839752		Remove Guardrail	LF	165
23	999990		Mobilization	LS	1

CONSTRUCTION AREA SIGN SUMMARY

REF	SIGN TYPE	QTY	DESCRIPTION	SIZE	REMARKS	POST SIZE	NUMBER
(A)	W20–1	2	ROAD WORK AHEAD	30" x 30"	VISIBLE AT ALL TIMES	4" x 4"	1
(B)	G20–2	2	END ROAD WORK	36" x 18"	VISIBLE AT ALL TIMES	4 x 4	1

BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

ROAD NAME: WILDER RIDGE ROAD		DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
ROAD NO: 7D010	MILE POST: 6.11		
FEMA PROJECT NO.: FEMA–4308–DR–CA PW#1045		DESIGNED BY: MMS	WILDER RIDGE ROAD PM 6.11 STORM DAMAGE REPAIR
CONTRACT NO.: 217310		DRAWN BY: MMS	
DRAWING FILE NAME: 217310_Design		REVIEWED BY: JAB	TRAFFIC CONTROL SIGNS AND QUANTITIES
PLOT DATE: 6/8/2022		APPROVED BY: TRS	

SHEET 2 OF 10

BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: WILDER RIDGE ROAD		DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 3 OF 10
	ROAD NO: 7D010	MILE POST: 6.11			
	FEMA PROJECT NO.: FEMA-4308-DR-CA PW#1045		DESIGNED BY: MWS	WILDER RIDGE ROAD PM 6.11 STORM DAMAGE REPAIR	
	CONTRACT NO.: 217310		DRAWN BY: MWS		
	DRAWING FILE NAME: 217310_Design		REVIEWED BY: JAB	SURVEY AND CONTROL	
	PLOT DATE: 6/8/2022		APPROVED BY: TRS		

ALIGNMENT GEOMETRY TABLE

No.	Type	Length	Radius	Direction	Start Station	End Station	Delta angle	Start Direction	End Direction
L1	Line	128.12'		S54° 01' 15"W	0+00.00'	1+28.12'			
C1	Curve	37.81'	40.00'		1+28.12'	1+65.93'	54°09'11"	S54° 01' 15"W	N71° 49' 34"W
C2	Curve	91.41'	45.00'		1+65.93'	2+57.34'	116°23'05"	N71° 49' 34"W	N44° 33' 31"E
L2	Line	91.26'		N44° 33' 31"E	2+57.34'	3+48.60'			
C3	Curve	30.97'	80.00'		3+48.60'	3+79.56'	22°10'44"	N44° 33' 31"E	N22° 22' 47"E
L3	Line	27.48'		N22° 22' 47"E	3+79.56'	4+07.05'			
C4	Curve	48.60'	35.00'		4+07.05'	4+55.65'	79°34'00"	N22° 22' 47"E	N57° 11' 13"W
C5	Curve	92.96'	80.00'		4+55.65'	5+48.61'	66°34'27"	N57° 11' 13"W	S56° 14' 20"W
C6	Curve	59.99'	140.00'		5+48.61'	6+08.60'	24°33'09"	S56° 14' 20"W	S31° 41' 10"W
L4	Line	119.03'		S31° 41' 10"W	6+08.60'	7+27.64'			
C7	Curve	60.41'	325.00'		7+27.64'	7+88.05'	10°38'59"	S31° 41' 10"W	S21° 02' 11"W
C8	Curve	219.13'	860.00'		7+88.05'	10+07.18'	14°35'57"	S21° 02' 11"W	S35° 38' 08"W
L5	Line	94.66'		S35° 38' 08"W	10+07.18'	11+01.83'			
C9	Curve	177.41'	860.00'		11+01.83'	12+79.24'	11°49'10"	S35° 38' 08"W	S23° 48' 58"W
C10	Curve	247.12'	260.00'		12+79.24'	15+26.36'	54°27'25"	S23° 48' 58"W	S30° 38' 27"E
C11	Curve	113.08'	550.00'		15+26.36'	16+39.44'	11°46'48"	S30° 38' 27"E	S18° 51' 39"E
C12	Curve	28.07'	100.00'		16+39.44'	16+67.50'	16°04'50"	S18° 51' 39"E	S2° 46' 49"E
L6	Line	98.68'		S2° 46' 49"E	16+67.50'	17+66.18'			
C13	Curve	41.95'	150.00'		17+66.18'	18+08.13'	16°01'28"	S2° 46' 49"E	S18° 48' 17"E
L7	Line	50.76'		S18° 48' 17"E	18+08.13'	18+58.89'			

CONTROL POINTS TABLE

Point Table				
Point #	Raw Description	Elevation	Northing	Easting
51	CP_R+C_PWS_CNTRL	477.933	1972712.2650	5972290.3720
67	FD_COUNTY_MON	436.321	1971600.7760	5972122.7960
75	CP_SPK	442.250	1973100.4419	5972743.1648
52	CP_R+C_PWS_CNTRL	455.281	1972782.5340	5972403.4280
76	CP_SPK	432.295	1973334.1661	5972680.2403
53	CP_12IN_SPIKE	450.190	1972859.7120	5972468.7870
62	FD_60D_HUMCO_CP11	505.283	1972298.5410	5971994.3780
63	CP_SPK	495.823	1972591.2840	5972164.1010
77	CP_SPK	444.998	1972994.3473	5972674.4308
78	CP_SPK	451.344	1972894.9657	5972536.3377
90	CP_12IN_SPIKE	497.588	1972423.2320	5972108.1130
91	CP_12IN_SPIKE	494.246	1972316.4360	5972120.0850
92	CP_12IN_SPIKE	475.645	1972128.1110	5972173.0510
93	CP_MAG	457.014	1971902.8250	5972212.3610
94	CP_SPK	459.338	1972025.6200	5972186.4010
95	CP_SPK_OLD_73	479.566	1972173.9420	5972175.6110
79	CP_MAG	454.531	1972685.8243	5972364.5063

SURVEY NOTES

1. THE PURPOSE OF THIS SURVEY IS TO DETERMINE TOPOGRAPHY FOR A PROPOSED PERMANENT ROAD RE-ALIGNMENT AT THE WILDER RIDGE ROAD FAILURE PM 6.11. POINTS WEST PERFORMED SURVEYING TASKS IN FEB. 2017 FOR ORIGINAL DETOUR AND AN AS-BUILT SURVEY OF THE TEMPORARY ROAD; THIS SURVEY APPENDS PRIOR SURVEY WORK. AS ON PREVIOUS PROJECTS POINTS WEST SURVEYING'S WORK IS SUPPLEMENTED WITH SURVEY DATA FROM A 1999 COUNTY PROJECT FOR THIS AREA. DATA FROM SAID SURVEY WAS TRANSLATED TO THIS JOB USING TIES TO CONTROL POINTS 3 AND 11 THEREIN (PWS CONTROL POINTS 67 AND 62 RESPECTIVELY). THE COUNTY SURVEY LOCATED THE APPROXIMATE PROPERTY LINE SHOWN AND INCLUDED TOPOGRAPHY IN THE NOW-FAILED SECTION OF BOTH LANDERGEN AND WILDER RIDGE ROADS; DATA SHOWN WAS NOT VERIFIED AND IS SHOWN TO SHOW ORIGINAL ALIGNMENT OF WILDER RIDGE ROAD AND LANDERGEN ROAD (HORIZONTAL ONLY). SEE NOTE 3 BELOW FOR DATUM TO WHICH COUNTY DATA WAS TRANSLATED. PER COUNTY RIGHT OF WAY DEPT. THE RIGHT OF WAY ON WILDER RIDGE ROAD IS 66 FEET WIDE CENTERED ON EXISTING ROAD PHYSICAL CENTERLINE. THE LIMIT OF OWNERSHIP PER "APPROXIMATE PROPERTY LINE PER COUNTY SURVEY" WAS NOT VERIFIED THIS SURVEY. THE CENTER OF HONEYDEW CREEK IS THE EASTERLY LIMIT OF LANDS OF U.S.A. PER DOCUMENT 1818 O.R. 946 AND WAS NOT LOCATED THIS SURVEY.

2. UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON TIES MADE IN THE FIELD TO VISIBLE UTILITY STRUCTURES. NO PG&E PLANS WERE MADE AVAILABLE AND THE EXISTENCE OF OTHER UNDERGROUND STRUCTURES INCLUDING SEPTIC TANKS IS UNKNOWN. SEE UNDERGROUND UTILITY NOTE BELOW.

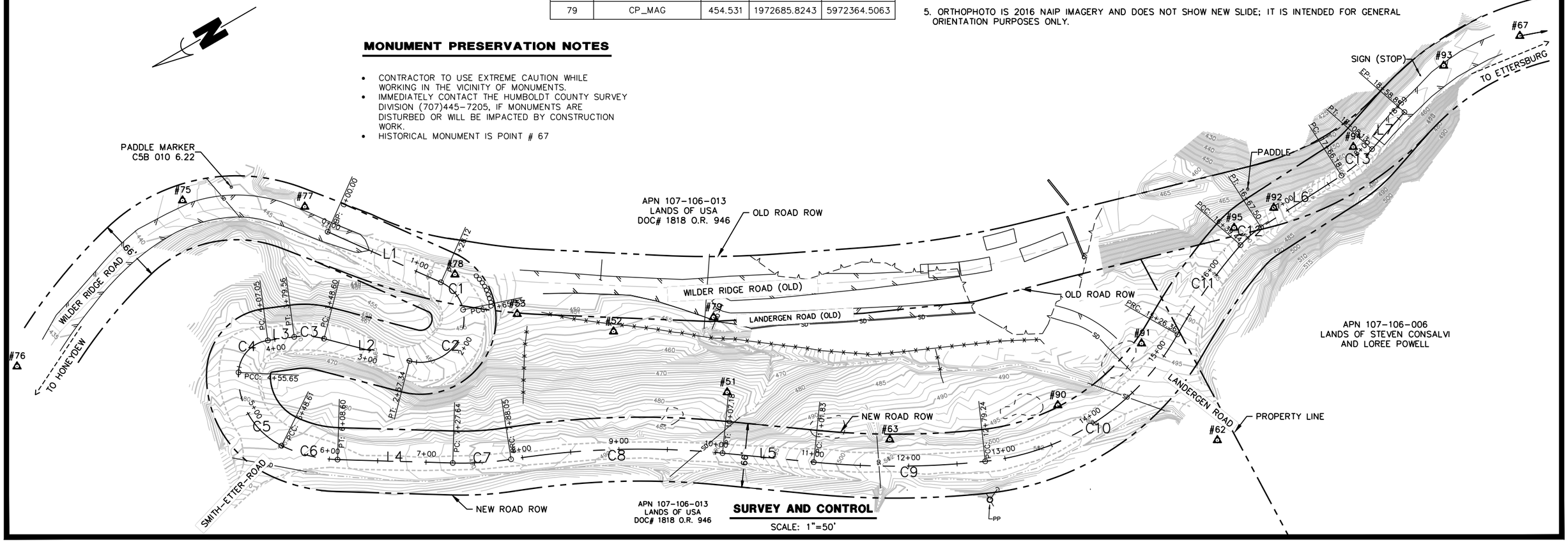
3. COORDINATES FOR THIS SURVEY ARE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83) BASED ON A STATIC GPS CONTROL SURVEY. THE MAPPING ANGLE IS 1 DEGREE 22 MINUTES 49 SECONDS- ROTATE BEARINGS COUNTERCLOCKWISE BY THIS ANGLE TO OBTAIN "TRUE" OR GEODETIC BEARINGS. GRID DISTANCES SHOWN SHOULD BE DIVIDED BY THE COMBINED SCALE FACTOR OF 0.99993272 TO OBTAIN GROUND DISTANCES. MAPPING ANGLE AND GRID SCALE FACTOR TAKEN AT CONTROL POINT NO. 51. HORIZONTAL CONTROL IS NAD 83 (2011) BASED STATIC GPS TIE TO NGS PID 'LU2349', AN NGS HPGN NETWORK POINT IN WEOTT WITH DESIGNATION 'HPGN D CA 01 MC'. VERTICAL CONTROL IS ALSO BASED ON NGS PID 'LU2349', NAVD 88 DATUM, WITH ELEVATION OF 335.8 FEET.

4. ONLY TREES GREATER THAN 18 INCHES IN DIAMETER WERE LOCATED- NUMEROUS OTHER TREES EXIST IN SURVEYED AREA AND ARE NOT SHOWN. INTERIOR FENCING NOT SHOWN IN ALL LOCATIONS.

5. ORTHOPHOTO IS 2016 NAIP IMAGERY AND DOES NOT SHOW NEW SLIDE; IT IS INTENDED FOR GENERAL ORIENTATION PURPOSES ONLY.

MONUMENT PRESERVATION NOTES

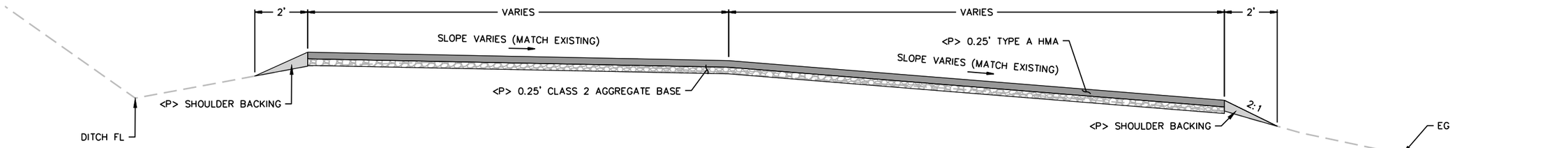
- CONTRACTOR TO USE EXTREME CAUTION WHILE WORKING IN THE VICINITY OF MONUMENTS.
- IMMEDIATELY CONTACT THE HUMBOLDT COUNTY SURVEY DIVISION (707)445-7205, IF MONUMENTS ARE DISTURBED OR WILL BE IMPACTED BY CONSTRUCTION WORK.
- HISTORICAL MONUMENT IS POINT # 67



SURVEY AND CONTROL

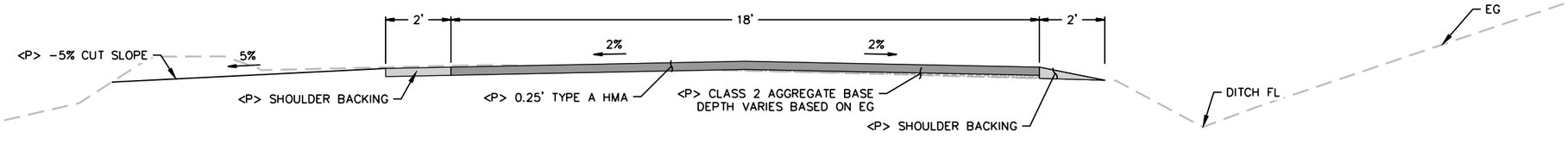
SCALE: 1"=50'

BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: WILDER RIDGE ROAD		DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 4 OF 10
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO: 7D010	MILE POST: 6.11	DESIGNED BY: MMS	WILDER RIDGE ROAD PM 6.11 STORM DAMAGE REPAIR	
	FEMA PROJECT NO.: FEMA-4308-DR-CA PW#1045		DRAWN BY: MMS		
	CONTRACT NO.: 217310		REVIEWED BY: JAB	TYPICAL SECTIONS (1 OF 2)	
	DRAWING FILE NAME: 217310_Design		APPROVED BY: TRS		
	PLOT DATE: 6/8/2022				



TYPICAL ROAD SECTION (0+05 TO 6+00)

SCALE: 1"=2'

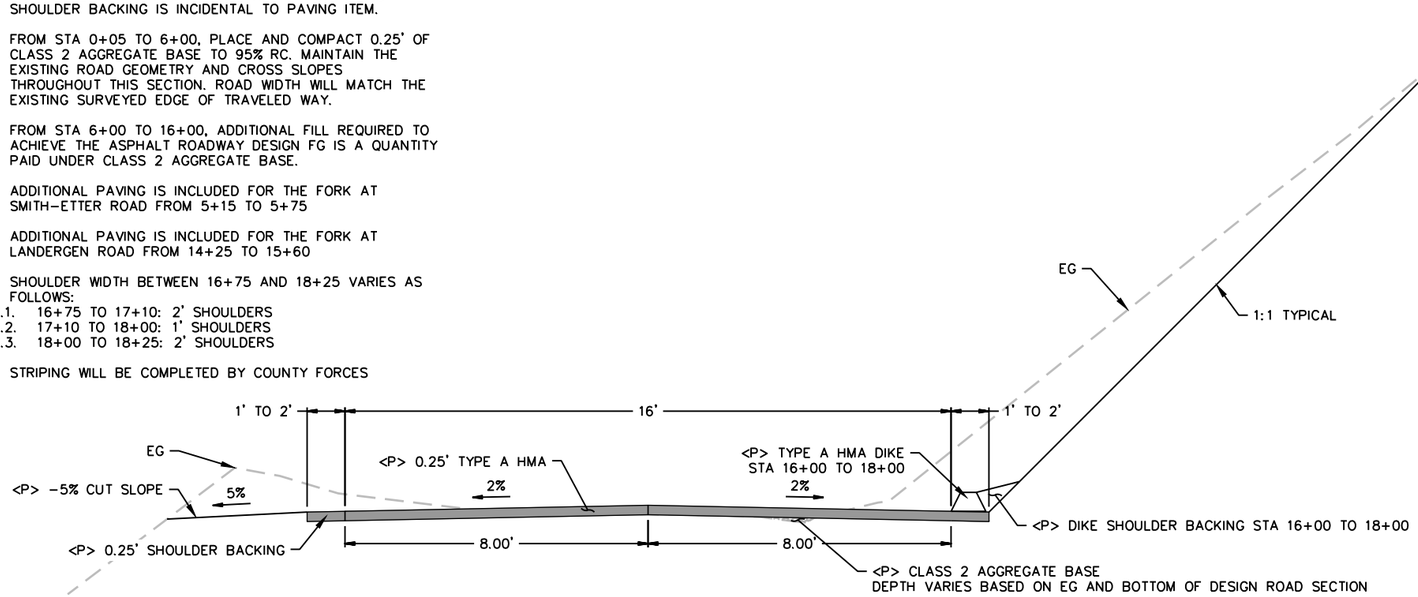


TYPICAL ROAD SECTION (6+00 TO 16+75)

SCALE: 1"=2'

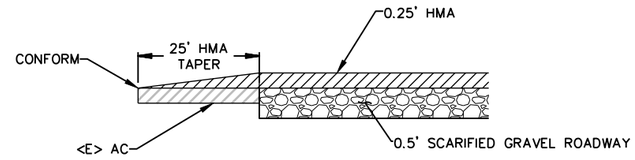
ROADWAY EXCAVATION NOTES

1. SCARIFY AND RE-COMPACT THE EXISTING GRAVEL ROADWAY FOR A WIDTH EQUAL TO THE PROPOSED PAVED ROAD WIDTH AND A DEPTH OF 0.50'. AFTER RE-COMPACTION, THE IN-PLACE MATERIAL MUST ACHIEVE 95% RC. SCARIFYING AND RE-COMPACTING EXISTING MATERIAL IS INCIDENTAL TO AGGREGATE BASE AND PAVING ITEMS. SHOULDER BACKING IS INCIDENTAL TO PAVING ITEM.
2. FROM STA 0+05 TO 6+00, PLACE AND COMPACT 0.25' OF CLASS 2 AGGREGATE BASE TO 95% RC. MAINTAIN THE EXISTING ROAD GEOMETRY AND CROSS SLOPES THROUGHOUT THIS SECTION. ROAD WIDTH WILL MATCH THE EXISTING SURVEYED EDGE OF TRAVELED WAY.
3. FROM STA 6+00 TO 16+00, ADDITIONAL FILL REQUIRED TO ACHIEVE THE ASPHALT ROADWAY DESIGN FG IS A QUANTITY PAID UNDER CLASS 2 AGGREGATE BASE.
4. ADDITIONAL PAVING IS INCLUDED FOR THE FORK AT SMITH-ETTER ROAD FROM 5+15 TO 5+75
5. ADDITIONAL PAVING IS INCLUDED FOR THE FORK AT LANDERGEN ROAD FROM 14+25 TO 15+60
6. SHOULDER WIDTH BETWEEN 16+75 AND 18+25 VARIES AS FOLLOWS:
   - 6.1. 16+75 TO 17+10: 2' SHOULDERS
   - 6.2. 17+10 TO 18+00: 1' SHOULDERS
   - 6.3. 18+00 TO 18+25: 2' SHOULDERS
7. STRIPING WILL BE COMPLETED BY COUNTY FORCES



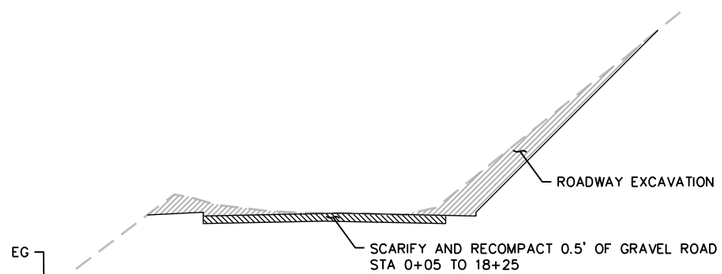
TYPICAL ROAD SECTION (16+75 TO 18+25)

SCALE: 1"=2'



STA 18+25 TO 18+50
HMA CONFORM DETAIL

SCALE: NTS



TYPICAL ROAD EXCAVATION SECTION (16+75 TO 18+25)

SCALE: 1"=2'

BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

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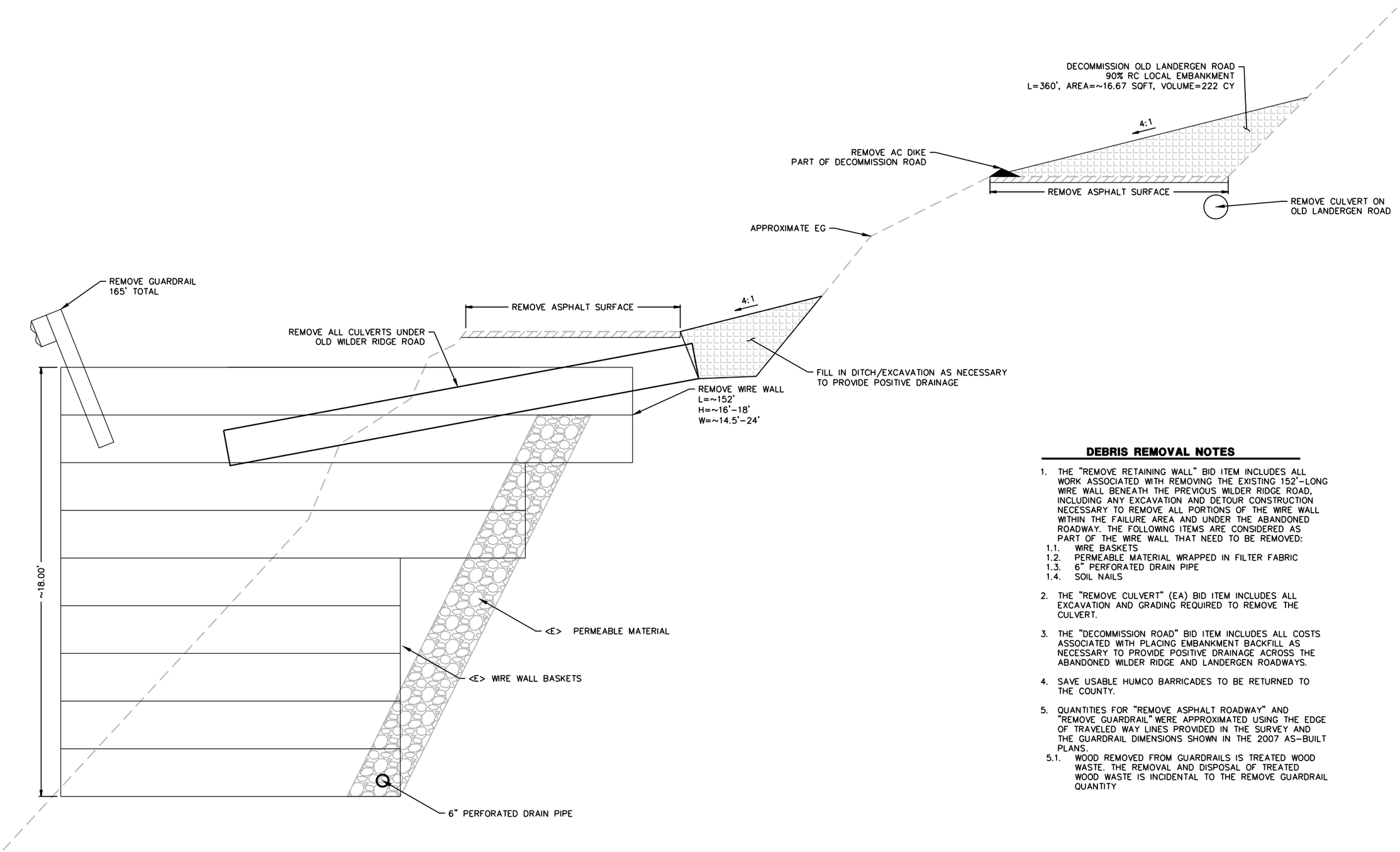
CONTRACT NO.: 217310		DRAWN BY: MMS	
DRAWING FILE NAME: 217310_Design		REVIEWED BY: JAB	TYPICAL SECTIONS (2 OF 2)
PLOT DATE: 6/8/2022		APPROVED BY: TRS	

SHEET 5 OF 10



DEBRIS REMOVAL TYPICAL SECTION

SCALE: 1"=~2'

DEBRIS REMOVAL NOTES

1. THE "REMOVE RETAINING WALL" BID ITEM INCLUDES ALL WORK ASSOCIATED WITH REMOVING THE EXISTING 152'-LONG WIRE WALL BENEATH THE PREVIOUS WILDER RIDGE ROAD, INCLUDING ANY EXCAVATION AND DETOUR CONSTRUCTION NECESSARY TO REMOVE ALL PORTIONS OF THE WIRE WALL WITHIN THE FAILURE AREA AND UNDER THE ABANDONED ROADWAY. THE FOLLOWING ITEMS ARE CONSIDERED AS PART OF THE WIRE WALL THAT NEED TO BE REMOVED:
   - 1.1. WIRE BASKETS
   - 1.2. PERMEABLE MATERIAL WRAPPED IN FILTER FABRIC
   - 1.3. 6" PERFORATED DRAIN PIPE
   - 1.4. SOIL NAILS
2. THE "REMOVE CULVERT" (EA) BID ITEM INCLUDES ALL EXCAVATION AND GRADING REQUIRED TO REMOVE THE CULVERT.
3. THE "DECOMMISSION ROAD" BID ITEM INCLUDES ALL COSTS ASSOCIATED WITH PLACING EMBANKMENT BACKFILL AS NECESSARY TO PROVIDE POSITIVE DRAINAGE ACROSS THE ABANDONED WILDER RIDGE AND LANDERGEN ROADWAYS.
4. SAVE USABLE HUMCO BARRICADES TO BE RETURNED TO THE COUNTY.
5. QUANTITIES FOR "REMOVE ASPHALT ROADWAY" AND "REMOVE GUARDRAIL" WERE APPROXIMATED USING THE EDGE OF TRAVELED WAY LINES PROVIDED IN THE SURVEY AND THE GUARDRAIL DIMENSIONS SHOWN IN THE 2007 AS-BUILT PLANS.
   - 5.1. WOOD REMOVED FROM GUARDRAILS IS TREATED WOOD WASTE. THE REMOVAL AND DISPOSAL OF TREATED WOOD WASTE IS INCIDENTAL TO THE REMOVE GUARDRAIL QUANTITY

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	ROAD NO: 7D010	MILE POST: 6.11	DESIGNED BY: MMS	WILDER RIDGE ROAD PM 6.11 STORM DAMAGE REPAIR	
	FEMA PROJECT NO.: FEMA-4308-DR-CA PW#1045		DRAWN BY: MMS		
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	DRAWING FILE NAME: 217310_Design		APPROVED BY: TRS		
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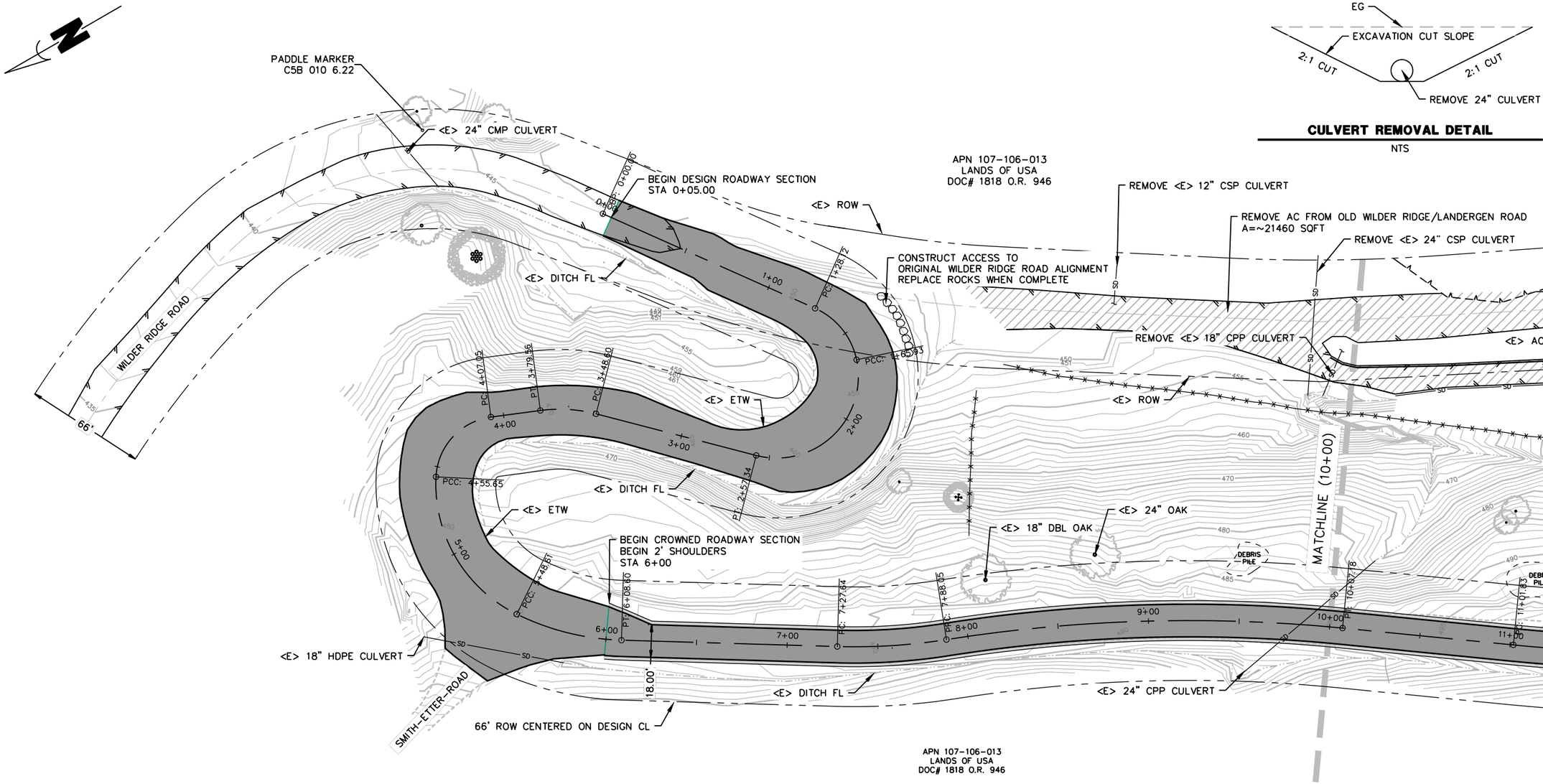


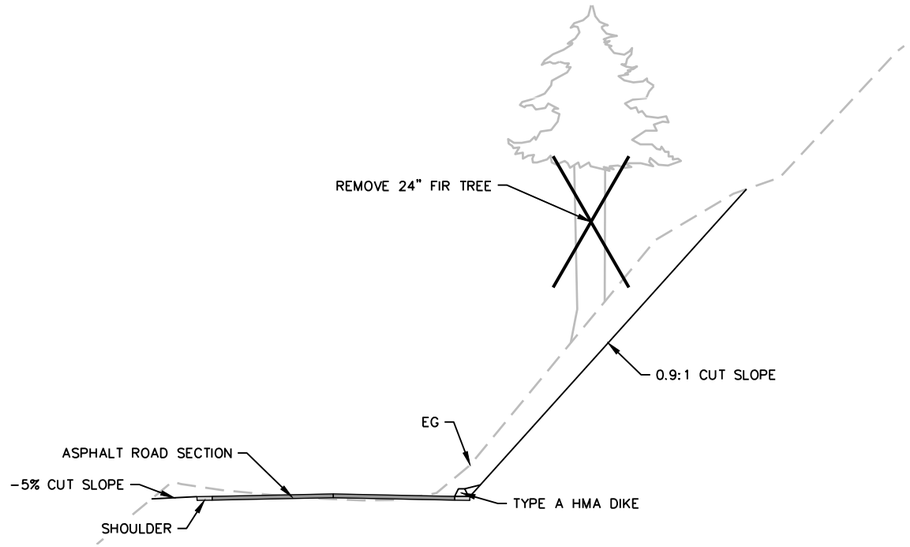
PLAN VIEW (STA 0+00 TO 10+00)

SCALE: 1"=30'

CULVERT REMOVAL DETAIL

NTS

BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: WILDER RIDGE ROAD		DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 7 OF 10
	ROAD NO: 7D010	MILE POST: 6.11			
	FEMA PROJECT NO.: FEMA-4308-DR-CA PW#1045		DESIGNED BY: MMS	WILDER RIDGE ROAD PM 6.11 STORM DAMAGE REPAIR	
	CONTRACT NO.: 217310		DRAWN BY: MMS		
	DRAWING FILE NAME: 217310_Design		REVIEWED BY: JAB	PLAN VIEW (2 OF 2)	
	PLOT DATE: 6/8/2022		APPROVED BY: TRS		



STA 17+40 SECTION VIEW A-A

SCALE: 1"=5'

LEGEND

- REMOVE AC (21,460 SQFT)
- ASPHALT PAVEMENT
- SHOULDER (SHOULDER BACKING)
- 1:1 OR 0.9:1 ROADWAY EXC

PLAN VIEW (10+00 TO 18+59)

SCALE: 1"=30'

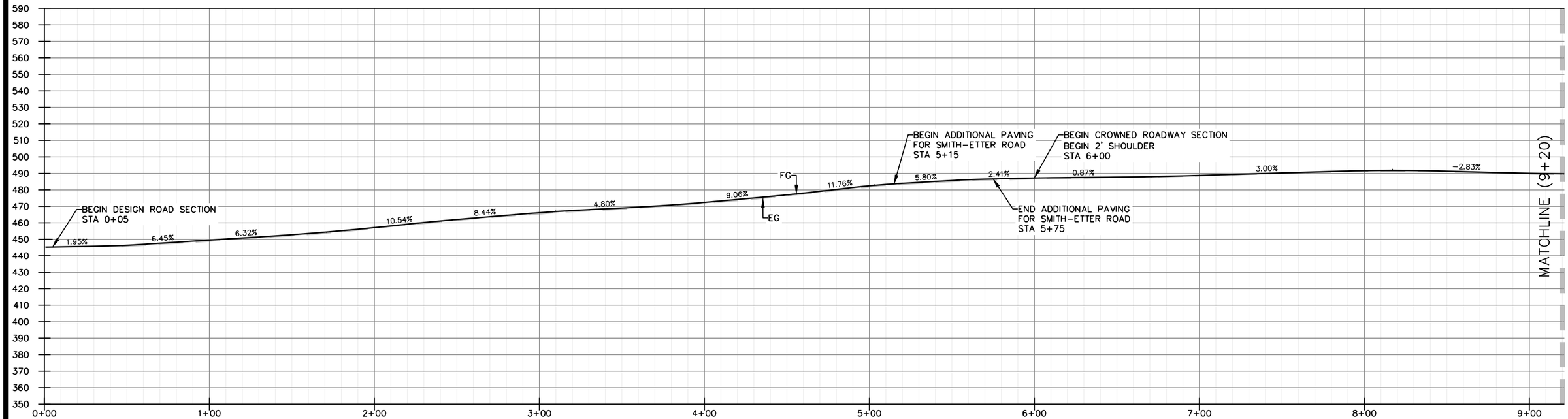
No.	PVI Station	PVI Elevation	Grade In	Grade Out	A (Grade Change)	Profile Curve Type	Profile Curve Length	Curve Radius
1	0+00.70'	445.20'		1.95%				
2	0+46.95'	446.11'	1.95%	6.45%	4.49%	Sag	16.14'	359.36'
3	1+01.00'	449.59'	6.45%	6.32%	0.12%	Crest	24.19'	19916.94'
4	1+71.17'	454.03'	6.32%	10.54%	4.22%	Sag	78.40'	1860.02'
5	2+34.00'	460.65'	10.54%	8.44%	2.10%	Crest	26.74'	1274.20'
6	3+09.96'	467.06'	8.44%	4.80%	3.64%	Crest	45.60'	1253.55'
7	3+77.09'	470.29'	4.80%	9.06%	4.26%	Sag	61.02'	1433.97'
8	4+55.76'	477.42'	9.06%	11.76%	2.70%	Sag	46.11'	1706.34'
9	5+02.94'	482.96'	11.76%	5.80%	5.97%	Crest	33.37'	559.44'
10	5+59.74'	486.26'	5.80%	2.41%	3.38%	Crest	21.10'	623.72'
11	6+02.94'	487.30'	2.41%	0.87%	1.54%	Crest	32.09'	2082.96'
12	6+70.71'	487.89'	0.87%	3.00%	2.12%	Sag	60.04'	2828.43'
13	8+17.02'	492.27'	3.00%	-2.83%	5.83%	Crest	71.74'	1231.03'
14	9+07.77'	489.70'	-2.83%	-0.31%	2.52%	Sag	73.77'	2925.94'

BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

ROAD NAME: WILDER RIDGE ROAD		DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
ROAD NO: 7D010	MILE POST: 6.11		
FEMA PROJECT NO.: FEMA-4308-DR-CA PW#1045		DESIGNED BY: MMS	WILDER RIDGE ROAD PM 6.11 STORM DAMAGE REPAIR
CONTRACT NO.: 217310		DRAWN BY: MMS	
DRAWING FILE NAME: 217310_Design		REVIEWED BY: JAB	PROFILE VIEW (STA 0+00 TO 9+20)
PLOT DATE: 6/8/2022		APPROVED BY: TRS	

SHEET 8 OF 10



PROFILE VIEW (STA 0+00 TO 9+20)

SCALE: 1"=30'

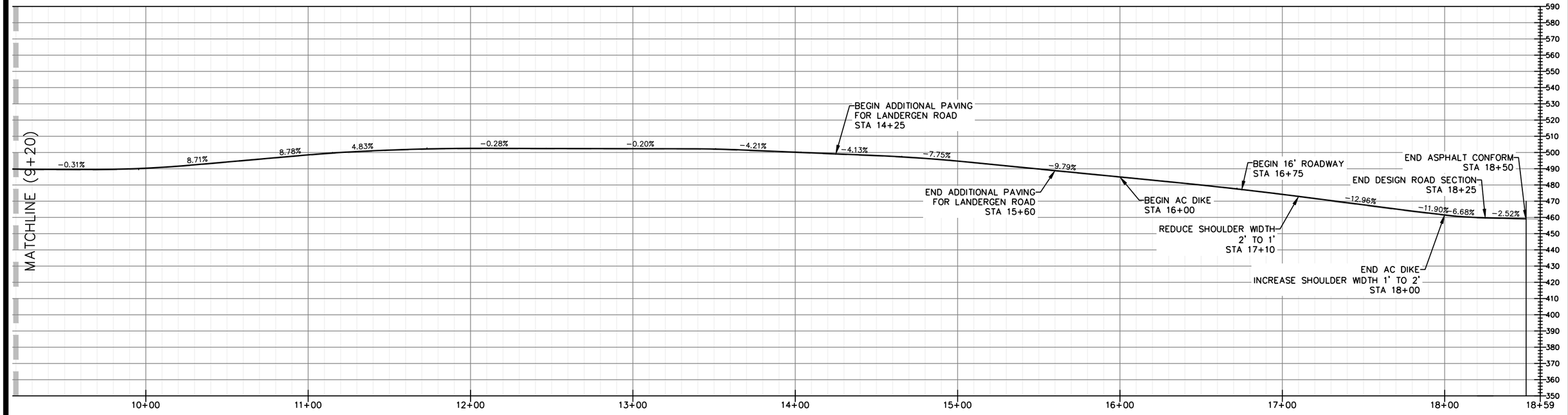
No.	PVI Station	PVI Elevation	Grade In	Grade Out	A (Grade Change)	Profile Curve Type	Profile Curve Length	Curve Radius
15	9+95.61'	489.43'	-0.31%	8.71%	9.02%	Sag	63.89'	708.00'
16	10+57.72'	494.84'	8.71%	8.78%	0.06%	Sag	42.64'	68139.53'
17	11+15.02'	499.87'	8.78%	4.83%	3.94%	Crest	31.38'	795.43'
18	11+73.21'	502.69'	4.83%	-0.28%	5.11%	Crest	73.54'	1439.03'
19	12+46.63'	502.48'	-0.28%	-0.20%	0.08%	Sag	54.78'	65685.18'
20	13+50.96'	502.28'	-0.20%	-4.21%	4.02%	Crest	31.60'	786.42'
21	14+03.56'	500.06'	-4.21%	-4.13%	0.09%	Sag	45.01'	51264.26'
22	14+65.65'	497.50'	-4.13%	-7.75%	3.63%	Crest	38.08'	1050.10'
23	14+95.22'	495.21'	-7.75%	-9.79%	2.04%	Crest	12.04'	590.52'
24	16+72.08'	477.89'	-9.79%	-12.96%	3.17%	Crest	89.73'	2828.07'
25	17+78.73'	464.06'	-12.96%	-11.90%	1.07%			
26	18+06.63'	460.74'	-11.90%	-6.68%	5.22%			
27	18+18.84'	459.93'	-6.68%	-2.52%	4.15%	Sag	12.45'	299.77'
28	18+50.00'	459.14'	-2.52%					

BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

ROAD NAME: WILDER RIDGE ROAD		DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
ROAD NO: 7D010	MILE POST: 6.11	DESIGNED BY: MMS	WILDER RIDGE ROAD PM 6.11 STORM DAMAGE REPAIR
FEMA PROJECT NO.: FEMA-4308-DR-CA PW#1045		DRAWN BY: MMS	
CONTRACT NO.: 217310		REVIEWED BY: JAB	PROFILE VIEW (STA 9+20 TO 18+59)
DRAWING FILE NAME: 217310_Design		APPROVED BY: TRS	
PLOT DATE: 6/8/2022			

SHEET 9 OF 10

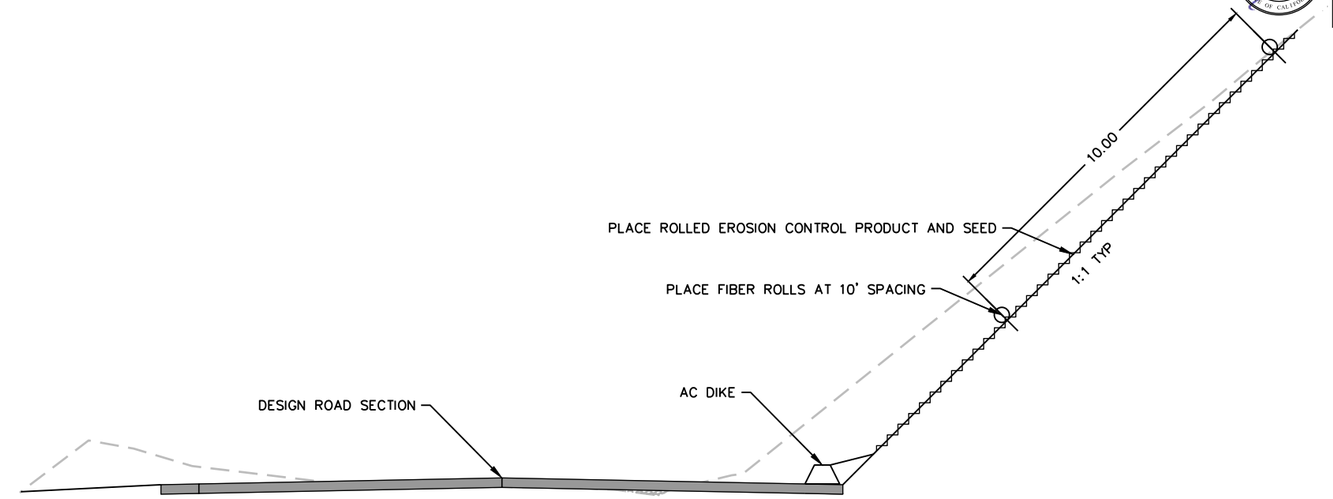


PROFILE VIEW (STA 9+20 TO 18+59)

Scale: 1"=30'

BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: WILDER RIDGE ROAD		DESIGN SECTION ENGINEERING	**COUNTY OF HUMBOLDT** **DEPARTMENT OF PUBLIC WORKS**
	ROAD NO: 7D010	MILE POST: 6.11		
	FEMA PROJECT NO.: FEMA-4308-DR-CA PW#1045		DESIGNED BY: MMS	**WILDER RIDGE ROAD PM 6.11 STORM DAMAGE REPAIR**
	CONTRACT NO.: 217310		DRAWN BY: MMS	
	DRAWING FILE NAME: 217310_Design		REVIEWED BY: JAB	**EROSION CONTROL PLAN**
	PLOT DATE: 6/8/2022		APPROVED BY: TRS	

SHEET **10** OF **10**



EROSION CONTROL SECTION VIEW (STA 16+90 TO 17+75)

SCALE: 1"=2'

LEGEND

- SEED AND STRAW
- SEED AND ROLLED EROSION CONTROL PRODUCT
- FR — FIBER ROLL

APN 107-106-013
LANDS OF USA
DOC# 1818 O.R. 946

<E> ROW

STRAW AND SEED OLD WILDER RIDGE/LANDERGEN ROAD
AFTER ASPHALT REMOVAL
A=~21460 SQFT

PLACE FIBER ROLLS AT ~25' INTERVALS
260 LF

ROADWAY EXCAVATION 1:1 OR 0.9:1 CUT
STA 16+90 TO 17+75
USE ROLLED EROSION CONTROL PRODUCT
PLACE FIBER ROLLS TO INTERCEPT FLOW (80 LF)

PADDLE

REMOVE 24" FIR

<E> ETW

COUNTY MATERIAL PILE

DEBRIS PILE

LANDERGEN ROAD

<E> ROW
66' ON DESIGN CL

<E> DITCH FL

PP

APN 107-106-006
LANDS OF STEVEN CONSALVI
AND LOREE POWELL

PROPERTY LINE

EROSION CONTROL PLAN VIEW

SCALE: 1"=30'