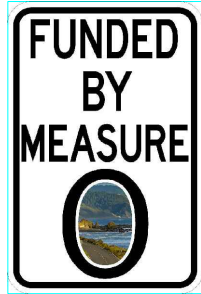
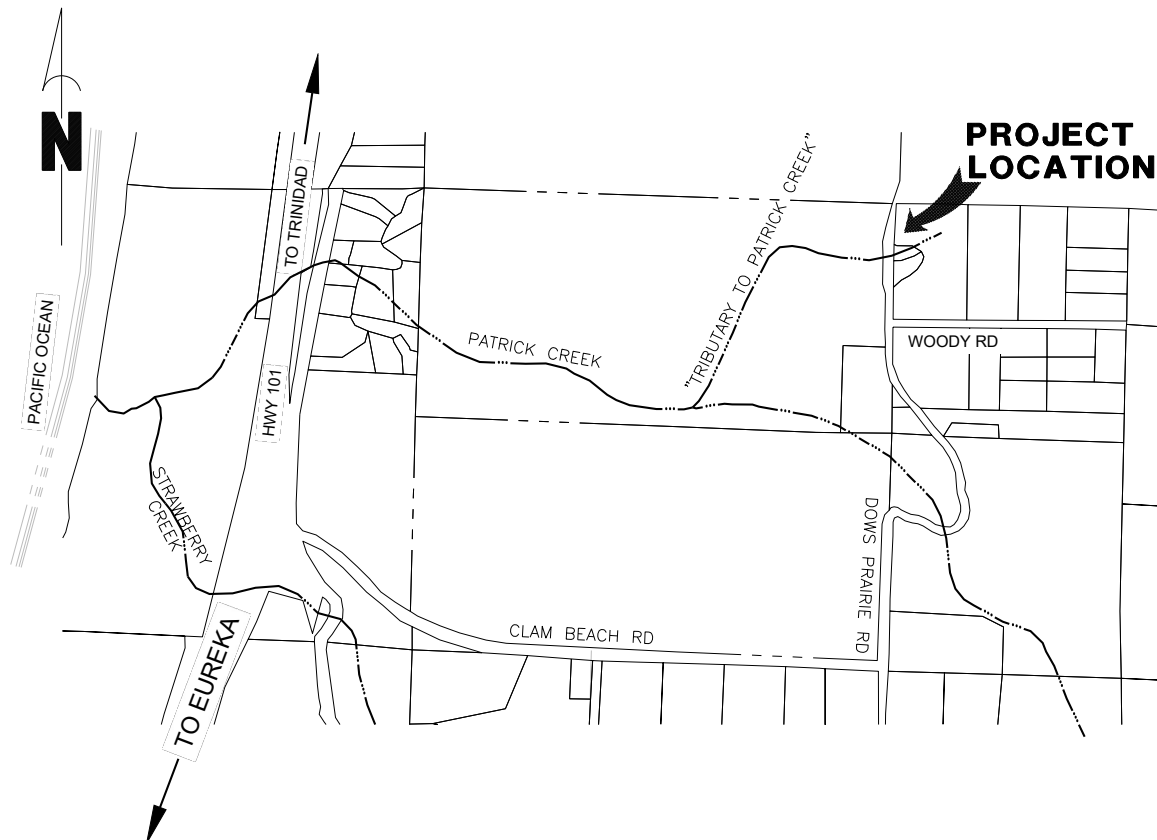


THIS PROJECT IS FUNDED BY HUMBOLDT COUNTY'S
ROADS / 911 EMERGENCY RESPONSE MEASURE 0.



1. THE CONTRACTOR SHALL HAVE A CLASS "A" LICENSE FOR THIS PROJECT.
2. STANDARD PLAN LIST APPLICABLE TO THIS CONTRACT INCLUDED IN THE SPECIAL PROVISIONS.
3. LAT: 40°59'59.64"N, LONG: -124° 6'1.08"W

1. COVER SHEET, INDEX AND MAPS
2. CONSTRUCTION SIGNS, STOCKPILE LOCATION, QUANTITIES
3. SURVEY CONTROL
4. CULVERT REPLACEMENT AND FINISHED ROADWAY PLAN
5. TEMPORARY WATER UTILITY PLAN
6. TYPICAL SECTIONS
7. "S" LINE SECTIONS AND PROFILE
8. "D" LINE SECTIONS AND PROFILE



COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
PROJECT PLANS FOR CONSTRUCTION OF
EMERGENCY CULVERT REPAIR
DOWS PRAIRIE RD (4M220) AT PM 2.68
CONTRACT NO. 342029

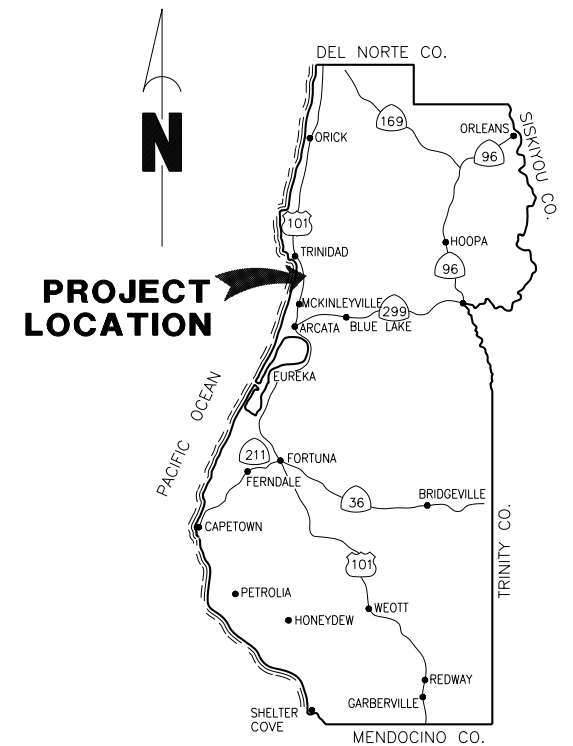


- HUMBOLDT COUNTY PUBLIC WORKS "QUALITY ASSURANCE PROGRAM", DATED JANUARY 27, 2025.

SUPPLEMENT PLANS AND SPECIAL PROVISIONS TO BE
SUPPLEMENTED BY STATE OF CALIFORNIA DEPARTMENT OF
TRANSPORTATION 2025 STANDARD SPECIFICATIONS AND 2025
STANDARD PLANS.

DESIGN FLOW FOR TRIBUTARY TO PATRICK CREEK, Q100 = 92.0cfs

BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME:DOWS PRAIRIE RD		DESIGN SECTION -	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS DOWS PRAIRIE PM 2.68 - EMERGENCY CULVERT REPAIR COVER SHEET, INDEX AND MAPS	SHEET 1 OF 8
	ROAD NO: 4M220	MILE POST: 2.68			
	PROJECT NO.: 342029	EA NO.: NONE	DESIGNED BY: PBS		
	CONTRACT NO.:	PPNO: NONE	DRAWN BY: PBS		
	DRAWING FILE NAME: 342029 - Dows Prairie_260603.dwg		REVIEWED BY: JB		
	PLOT DATE: 07/07/2026	REVISION DATE:	APPROVED BY:JB		



LOCATION MAP

SCALE: 1"=10± MILE

Jeffrey A. Ball
JEFFREY A. BALL
RCE 70631, EXP. 6/30/2027

7/7/2026
DATE



TONY R. SEGHEZZI
RCE 63714, Exp. 9/30/2026

7/07/2026
DATE



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

SIGN 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) IN ADDITION TO CONSTRUCTION AREA SIGNS AND WHEN DIRECTED BY THE RESIDENT ENGINEER, THE CONTRACTOR SHALL UTILIZE FLAGMEN AS NECESSARY TO DIRECT TRAFFIC.
- 5) WHEN THROUGH TRAFFIC IS ALLOWED, 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) INSTALL R11-3a AND SC6-4(CA) SIGNS WITH PLANNED CLOSURE DATES A MINIMUM OF 14 CALENDAR DAYS PRIOR TO IMPLEMENTING ROAD CLOSURE.
- 8) NOTIFY LANDOWNERS 2 DAYS IN ADVANCE FOR DRIVEWAY CLOSURE

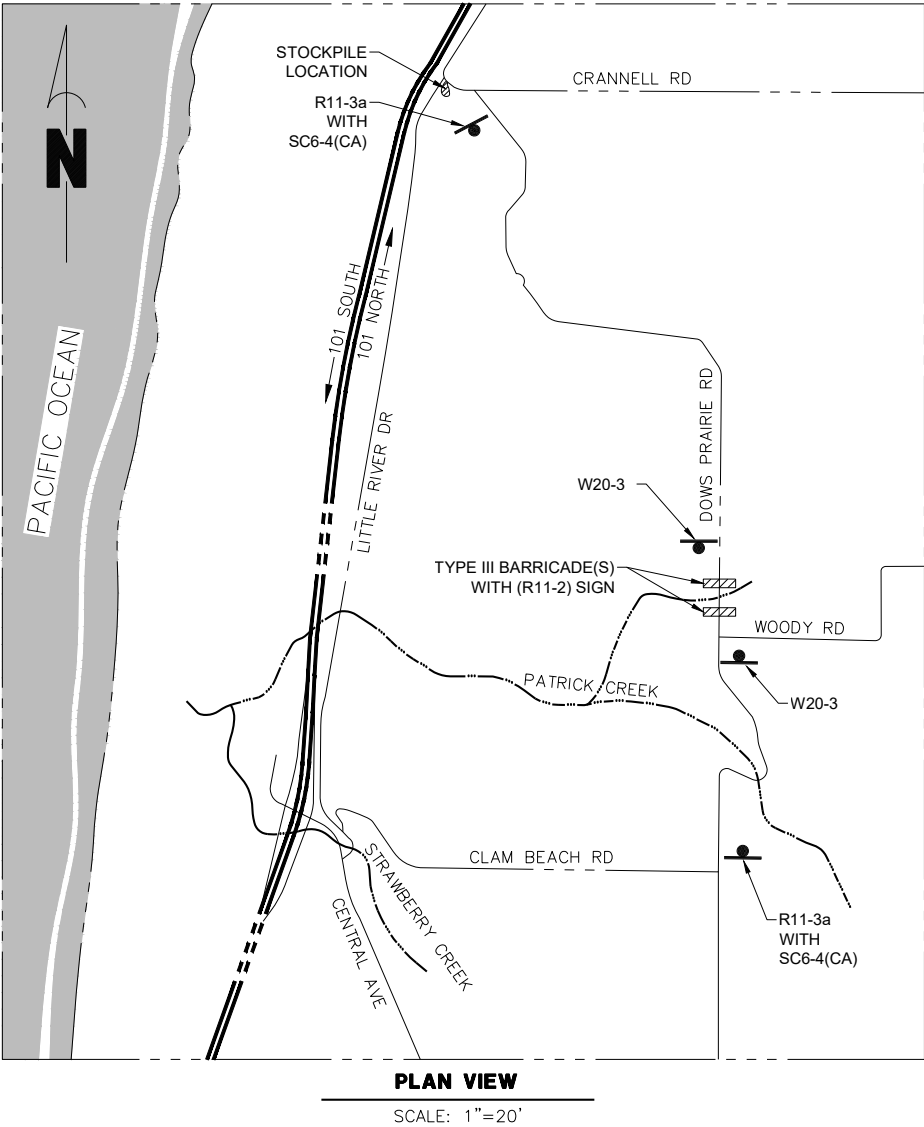
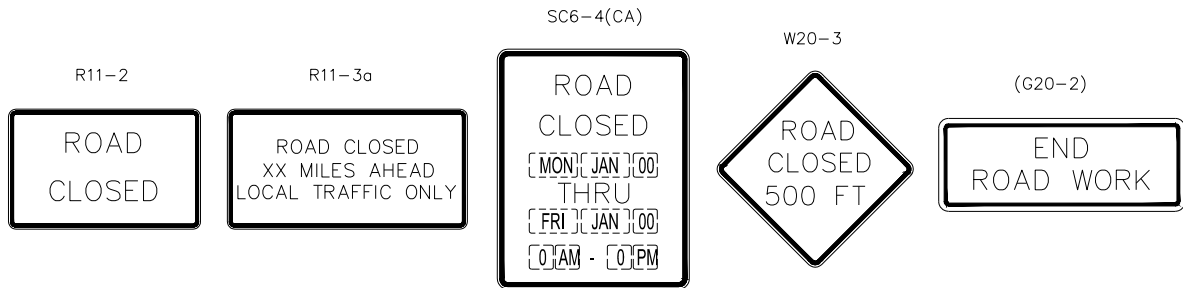
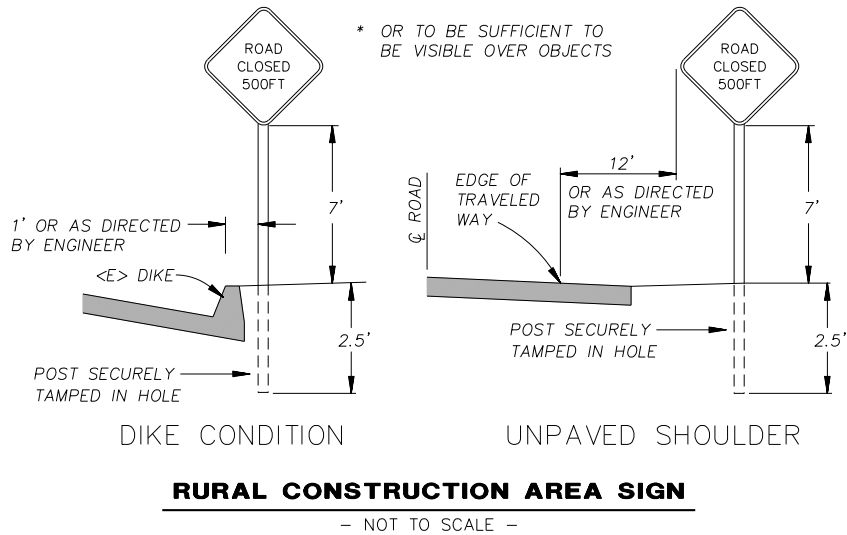
STOCKPILE NOTES

- 1) MANAGE MATERIAL PER SECTION 13-4.03C OF THE 2025 CALTRANS STANDARD SPECIFICATIONS
- 2) IF STOCKPILE AREA IS IN A TURNOUT, THE TURNOUT SHALL BE REESTABLISHED TO PRE-CONSTRUCTION CONDITIONS
- 3) STOCKPILE LOCATIONS HAVE BEEN APPROVED BY PUBLIC WORKS.



ROAD NAME: DOWS PRAIRIE RD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
ROAD NO: 4M220	MILE POST: 2.68	-	
PROJECT NO.: 34029	EA NO.: NONE	DESIGNED BY: PBS	
CONTRACT NO.:	PPNO: NONE	DRAWN BY: PBS	
DRAWING FILE NAME: 342029 - Dows Prairie_260603.dwg		REVIEWED BY: JB	CONSTRUCTION SIGNS, STOCKPILE LOCATIONS, AND QUANTITIES
PLOT DATE: 7/7/2026	REVISION DATE:	APPROVED BY: JB	

SHEET
2
OF
8



CONSTRUCTION AREA SIGN SUMMARY

SIGN CODE	QTY	SIGN MESSAGE	PANEL SIZE	NUMBER & POST SIZE
R11-2	2	ROAD CLOSED	30" x 48"	N/A
R11-3a	2	ROAD CLOSED ... TRAFFIC ONLY	30" x 60"	(2) 4" x 4"
SC6-4(CA)	2	ROAD CLOSED ... 0 AM - 0 PM	48" x 60"	(2) 4" x 4"
W20-3	2	ROAD CLOSED 500FT	36" x 36"	(1) 4" x 4"

GENERAL NOTES

- 1) CONTRACTOR MUST COMPLY WITH BUSINESS AND PROFESSIONS CODE SECTION 8771 (b) REGARDING REFERENCING, PRESERVING AND RECONSTRUCTING MONUMENTS, WHETHER OR NOT MONUMENTS ARE SHOWN IN THESE PLANS.
- 2) IF MONUMENT IS DAMAGED BY CONTRACTORS OPERATIONS, CONTRACTOR SHALL REPLACE MONUMENT AT CONTRACTORS EXPENSE.
- 3) UNDERGROUND UTILITIES ARE PRESENT IN THE JOB SITE. CALL UNDERGROUND SERVICE ALERT (USA) 1-800-642-2444 OR CALL 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATIONS.

LEGEND

- ROAD CENTERLINE
- RIGHT OF WAY
- FLOW LINE
- EDGE OF PAVEMENT
- EXISTING FENCE

BASIS OF BEARINGS NOTE

THE BEARINGS ARE BASED ON TIES BETWEEN THE CONTROL POINT #101 AND CONTROL POINT #102 WITH A COMPASS BEARING OF N0°00'00"E. COORDINATE SYSTEM IS ASSUMED WITH CONTROL POINT #101 BEING 5,000 NORTHING AND 10,000 EASTING.

ELEVATION NOTE

ELEVATIONS ARE BASED UPON THE ASSUMED ELEVATION OF CONTROL POINT #101 BEING 5000.00'.

RIGHT OF WAY NOTE

THE RIGHT OF WAY FOR THIS PROJECT IS 40', 20' EACH SIDE OF CENTERLINE, BASED UPON THE FOLLOWING DEEDS:57DEEDS347, 57DEEDS349.

SURVEY NOTE

- 1.THE PURPOSE OF THIS SURVEY IS TO DETERMINE TOPOGRAPHY FOR A CULVERT REPLACEMENT.
- 2.UNDERGROUND UTILITIES RESEARCH WAS NOT PERFORMED. ONLY VISIBLE UTILITIES WERE TIED AT THE TIME OF THIS SURVEY.
- 3.THERE MAY BE SYMBOLS SHOWN IN THE LEGEND THAT ARE NOT USED IN THIS SURVEY.



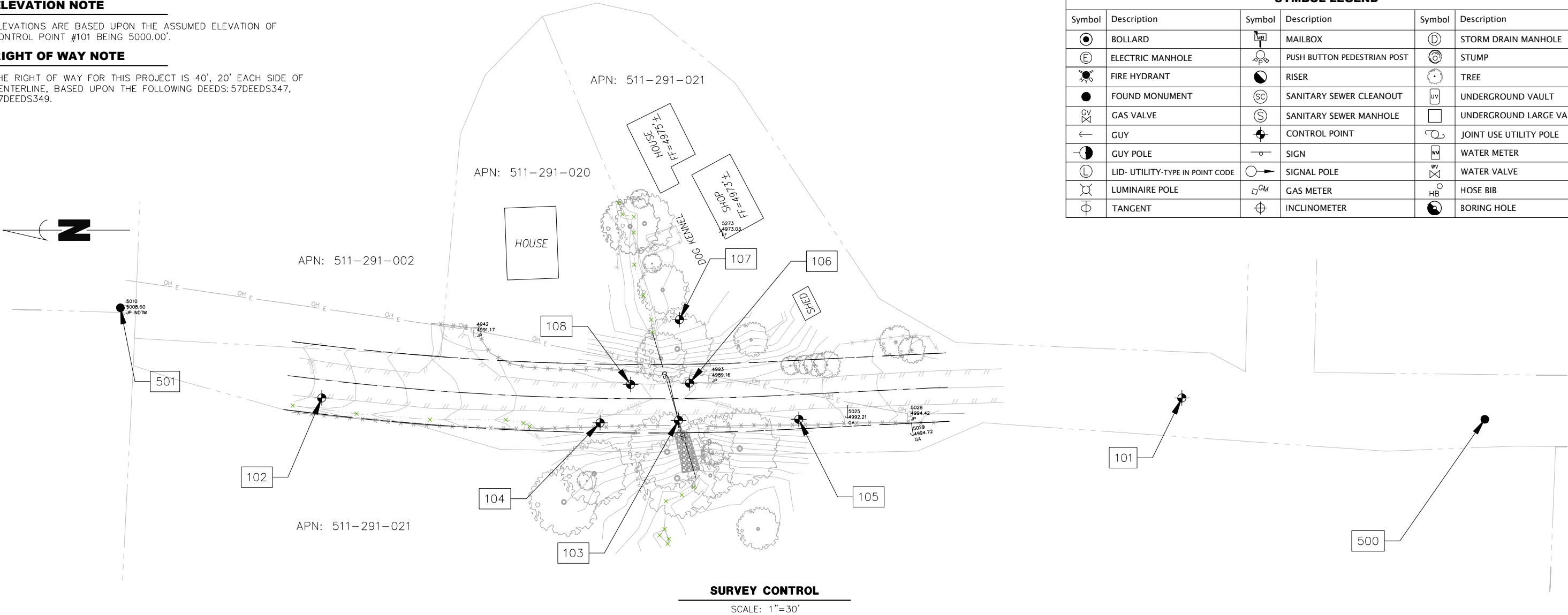
BAR IS ONE INCH ON ORIGINAL DRAWING [REDACTED]	ROAD NAME:DOWS PRAIRIE		DESIGN SECTION -	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	
	ROAD NO: 4M220	MILE POST: 2.68		DOWS PRAIRIE PM 2.68 – EMERGINCY CULVERT REPAIR	
	PROJECT NO.: 342029	EA NO.: NONE		SURVEY CONTROL	
	CONTRACT NO.:	PPNO: NONE			
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWING FILE NAME: 342029 – Dows Prairie_260603.dwg		DRAWN BY: PBS	SURVEY CONTROL	
	PLOT DATE: 7/7/2026	REVISION DATE:	REVIEWED BY: JB		

CONTROL POINT TABLE
(Units in U.S. Survey Feet)

Point #	Description	Northing	Easting	Elevation
101	CP/MAG&TAG HUMCO DPW CONTROL	5,000.000	10000.000	5000.00
102	CP/MAG&TAG HUMCO DPW CONTROL	5,502.115	10000.000	4999.54
103	CP/60D&PNC	5,293.847	9986.935	4989.13
104	CP/PK IN 2X2IN HUB W/ PNK	5,339.624	9985.526	4989.99
105	CP/PK IN WD HUB	5,223.661	9987.562	4990.46
106	CP/MAG&TAG HUMCO DPW CONTROL	5,287.436	10008.648	4990.02
107	CP/PK IN 2X2 HUB	5,293.327	10045.682	4973.17
108	CP/MAG&TAG HUMCO DPW CONTROL	5,321.846	10007.887	4990.09
500	FD/ 1/2IN GIP	4,823.186	9987.546	4999.88
501	FD/ 2 1/2IN IP W/ CAP SECTION CORNER STAMPED 7/8/17/18	5,619.659	10052.669	5009.18

SYMBOL LEGEND

Symbol	Description	Symbol	Description	Symbol	Description
	BOLLARD		MAILBOX		STORM DRAIN MANHOLE
	ELECTRIC MANHOLE		PUSH BUTTON PEDESTRIAN POST		STUMP
	FIRE HYDRANT		RISER		TREE
	FOUND MONUMENT		SANITARY SEWER CLEANOUT		UNDERGROUND VAULT
	GAS VALVE		SANITARY SEWER MANHOLE		UNDERGROUND LARGE VAULT
	GUY		CONTROL POINT		JOINT USE UTILITY POLE
	GUY POLE		SIGN		WATER METER
	LID- UTILITY-TYPE IN POINT CODE		SIGNAL POLE		WATER VALVE
	LUMINAIRE POLE		GAS METER		HOSE BIB
	TANGENT		INCLINOMETER		BORING HOLE



"S - LINE" UNNAMED TRIBUTARY						
SEGMENT	LENGTH	BEARING/DELTA	RADIUS	TANGENT	START	END
L2	6.84'	N46°38'24"E			STA: 0+00.00 N: 5300.17 E: 9914.86	STA: 0+06.84 N: 5304.87 E: 9919.84
L3	4.59'	S51°42'37"E			STA: 0+06.84 N: 5304.87 E: 9919.84	STA: 0+11.44 N: 5302.03 E: 9923.44
L4	16.25'	S86°58'47"E			STA: 0+11.44 N: 5302.03 E: 9923.44	STA: 0+27.68 N: 5301.17 E: 9939.67
L5	9.92'	S21°50'09"E			STA: 0+27.68 N: 5301.17 E: 9939.67	STA: 0+37.60 N: 5291.97 E: 9943.36
L6	8.46'	S32°36'00"E			STA: 0+37.60 N: 5291.97 E: 9943.36	STA: 0+46.05 N: 5284.84 E: 9947.91
L7	5.44'	S77°35'33"E			STA: 0+46.05 N: 5284.84 E: 9947.91	STA: 0+51.49 N: 5283.67 E: 9953.22
L8	88.69'	N73°22'40"E			STA: 0+51.49 N: 5283.67 E: 9953.22	STA: 1+40.18 N: 5309.04 E: 10038.20
L9	0.17'	S89°00'44"E			STA: 1+40.18 N: 5309.04 E: 10038.20	STA: 1+40.35 N: 5309.04 E: 10038.38
L10	7.35'	N84°29'58"E			STA: 1+40.35 N: 5309.04 E: 10038.38	STA: 1+47.71 N: 5309.75 E: 10045.70
L11	14.84'	N71°43'48"E			STA: 1+47.71 N: 5309.75 E: 10045.70	STA: 1+62.54 N: 5314.40 E: 10059.78

"S - LINE" UNNAMED TRIBUTARY						
SEGMENT	LENGTH	BEARING/DELTA	RADIUS	TANGENT	START	END
L12	18.78'	N73°49'46"E			STA: 1+62.54 N: 5314.40 E: 10059.78	STA: 1+81.32 N: 5319.63 E: 10077.82
L13	18.80'	N89°04'36"E			STA: 1+81.32 N: 5319.63 E: 10077.82	STA: 2+00.12 N: 5319.93 E: 10096.62
L14	9.17'	S89°57'22"E			STA: 2+00.12 N: 5319.93 E: 10096.62	STA: 2+09.29 N: 5319.92 E: 10105.79
L15	6.84'	N12°07'41"E			STA: 2+09.29 N: 5319.92 E: 10105.79	STA: 2+16.13 N: 5326.61 E: 10107.22
L16	6.96'	N69°58'11"E			STA: 2+16.13 N: 5326.61 E: 10107.22	STA: 2+23.09 N: 5328.99 E: 10113.76



BAR IS ONE INCH ON ORIGINAL DRAWING [REDACTED] IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DOWS PRAIRIE		DESIGN SECTION -	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 4 OF 8
	ROAD NO: 4M220	MILE POST: 2.68			
	PROJECT NO.: 342029	EA NO.: NONE	DESIGNED BY: PBS		
	CONTRACT NO.:	PPNO: NONE	DRAWN BY: PBS		
	DRAWING FILE NAME: 342029 - Dows Prairie_260603.dwg		REVIEWED BY: JB		
	PLOT DATE: 07/07/2026		REVISION DATE:		
			APPROVED BY: TS	CULVERT REPLACEMENT AND FINISHED ROADWAY PLAN	

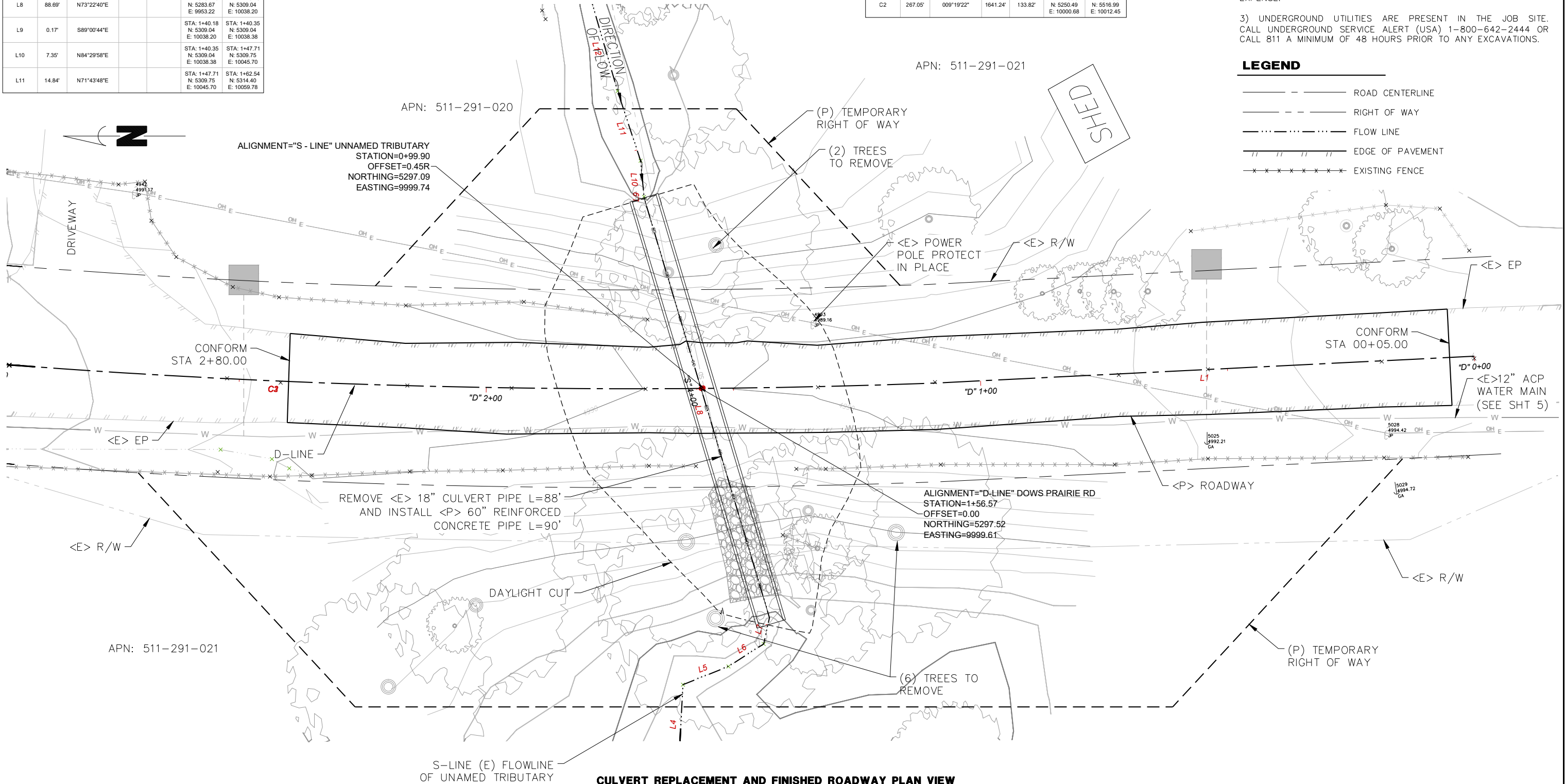
"D-LINE" DOWS PRAIRIE RD						
SEGMENT	LENGTH	BEARING/DELTA	RADIUS	TANGENT	START	END
L1	109.52'	N02°51'06"W			STA: 0+00.00 N: 5141.10 E: 10006.13	STA: 1+09.52 N: 5250.49 E: 10000.68
C3	267.05'	009°19'22"	1641.24'	133.82'	STA: 1+09.52 N: 5250.49 E: 10000.68	STA: 3+76.57 N: 5516.99 E: 10012.45
C1	267.05'	009°19'22"	1641.24'	133.82'	STA: 1+09.52 N: 5250.49 E: 10000.68	STA: 3+76.57 N: 5516.99 E: 10012.45
C2	267.05'	009°19'22"	1641.24'	133.82'	STA: 1+09.52 N: 5250.49 E: 10000.68	STA: 3+76.57 N: 5516.99 E: 10012.45

GENERAL NOTES

- 1) CONTRACTOR MUST COMPLY WITH BUSINESS AND PROFESSIONS CODE SECTION 8771 (b) REGARDING REFERENCING, PRESERVING AND RECONSTRUCTING MONUMENTS, WHETHER OR NOT MONUMENTS ARE SHOWN IN THESE PLANS.
- 2) IF MONUMENT IS DAMAGED BY CONTRACTORS OPERATIONS, CONTRACTOR SHALL REPLACE MONUMENT AT CONTRACTORS EXPENSE.
- 3) UNDERGROUND UTILITIES ARE PRESENT IN THE JOB SITE. CALL UNDERGROUND SERVICE ALERT (USA) 1-800-642-2444 OR CALL 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATIONS.

LEGEND

- ROAD CENTERLINE
- RIGHT OF WAY
- FLOW LINE
- EDGE OF PAVEMENT
- EXISTING FENCE



CULVERT REPLACEMENT AND FINISHED ROADWAY PLAN VIEW

SCALE: 1"=10'

LEGEND

● = BLOW OFF

□ = FIRE HYDRANT

◐ = WATER VALVE

■ = WATER METER

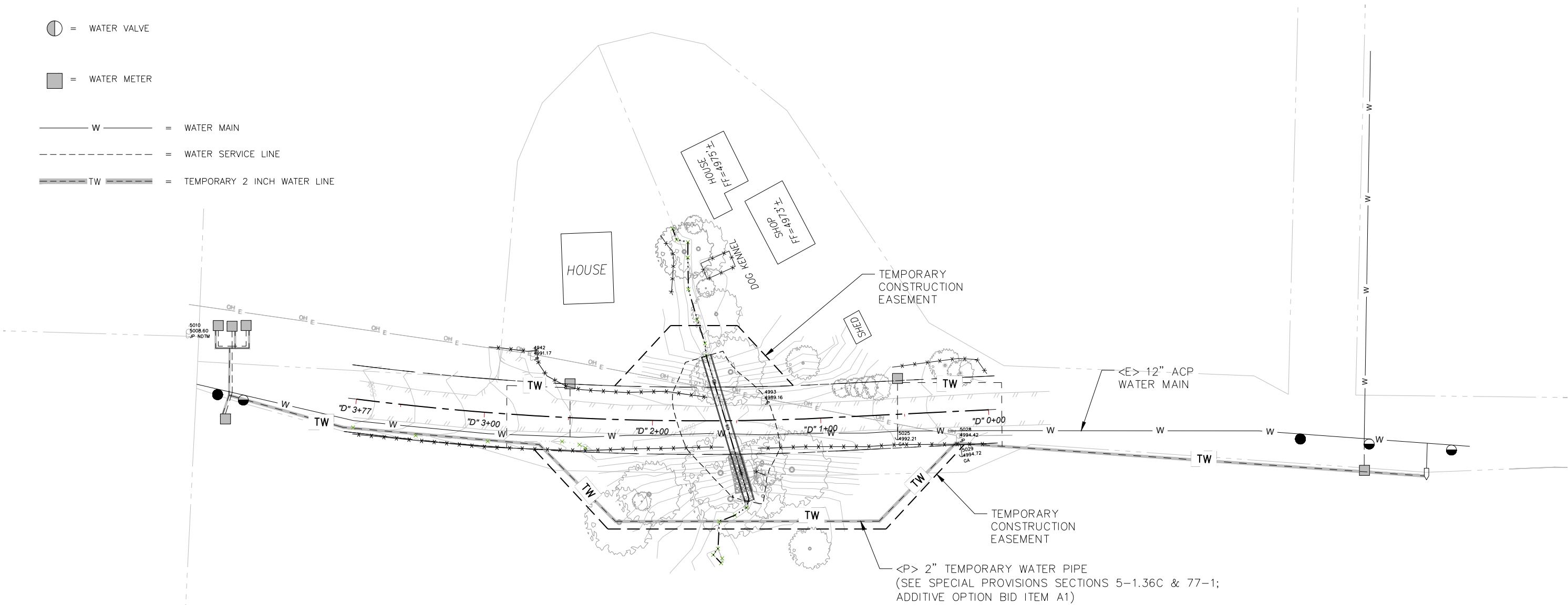
— W — = WATER MAIN

- - - = WATER SERVICE LINE

== TW == = TEMPORARY 2 INCH WATER LINE



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DOWS PRAIRIE		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 5 OF 8
	ROAD NO: 4M220	MILE POST: 2.68	-		
	PROJECT NO.: 342029	EA NO.: NONE	DESIGNED BY: PBS		
	CONTRACT NO.:	PPNO: NONE	DRAWN BY: PBS		
	DRAWING FILE NAME: 342029 - Dows Prairie_260603.dwg		REVIEWED BY: JB		
	PLOT DATE: 07/07/2026	REVISION DATE: --	APPROVED BY: TS	TEMPORARY WATER UTILITY PLAN	



TEMPORARY WATER UTILITY PLAN

SCALE: 1"=30'

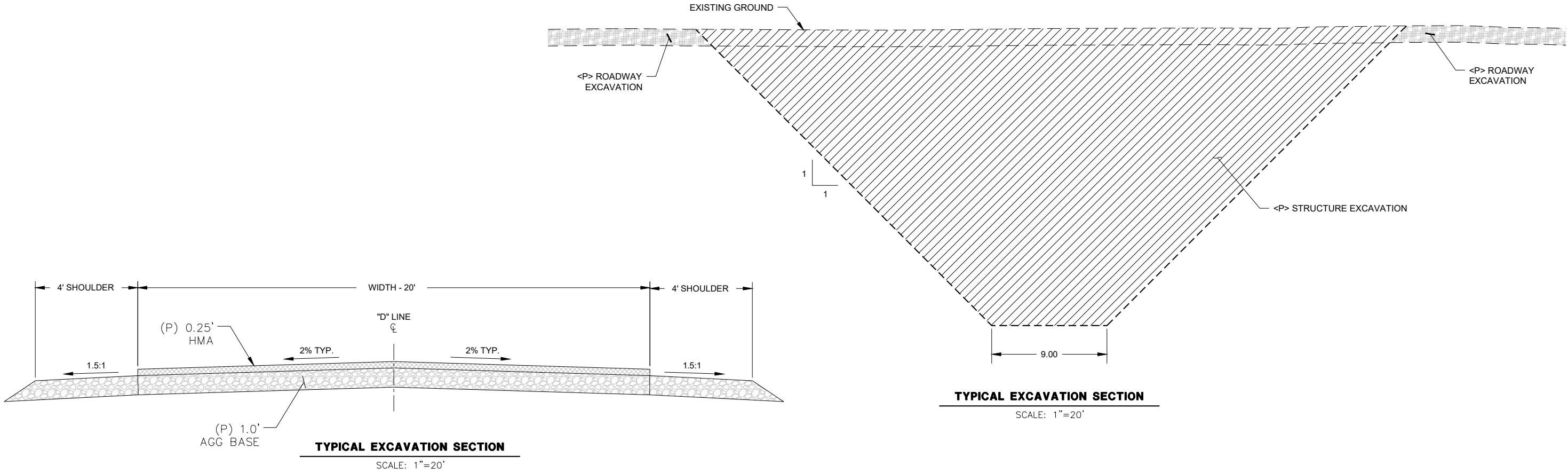
NOTES

1. SP = 2025 CALTRANS STANDARD PLANS
2. REINFORCED CONCRETE PIPE



ROAD NAME: DOWS PRAIRIE		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS DOWS PRAIRIE PM 2.68 – EMERGENCY CULVERT REPAIR TYPICAL SECTIONS
ROAD NO: 4M220	MILE POST: 2.68	–	
PROJECT NO.: 342029	EA NO.: NONE	DESIGNED BY: PBS	
CONTRACT NO.:	PPNO: NONE	DRAWN BY: PBS	
DRAWING FILE NAME: 342029 – Dows Prairie_260603.dwg		REVIEWED BY: JB	
PLOT DATE: 7/7/2026	REVISION DATE: --	APPROVED BY: TS	

SHEET
6
OF
8



NOTE:

BACKFILL CULVERT METHED 2
SHOWN PER SP A62D

ROADWAY
EMBANKMENT

<P> STRUCTURE BACKFILL 90%
COMPACTION

<P> 60" RCP
L = 90'

<P> STRUCTURE BACKFILL 95%
COMPACTION

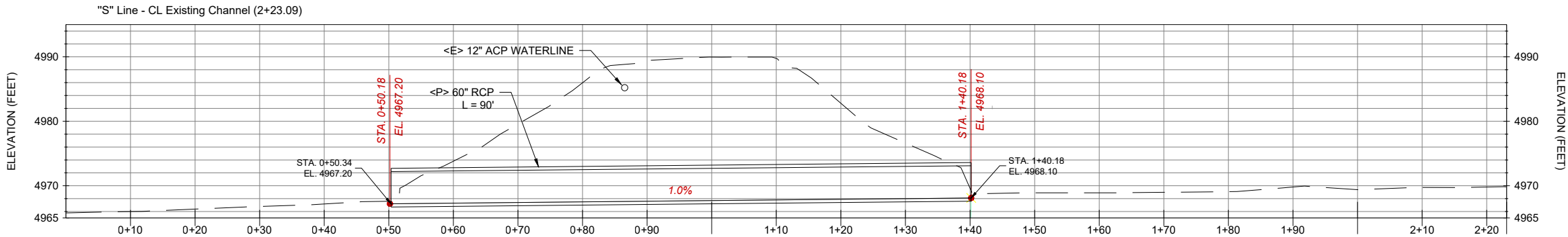
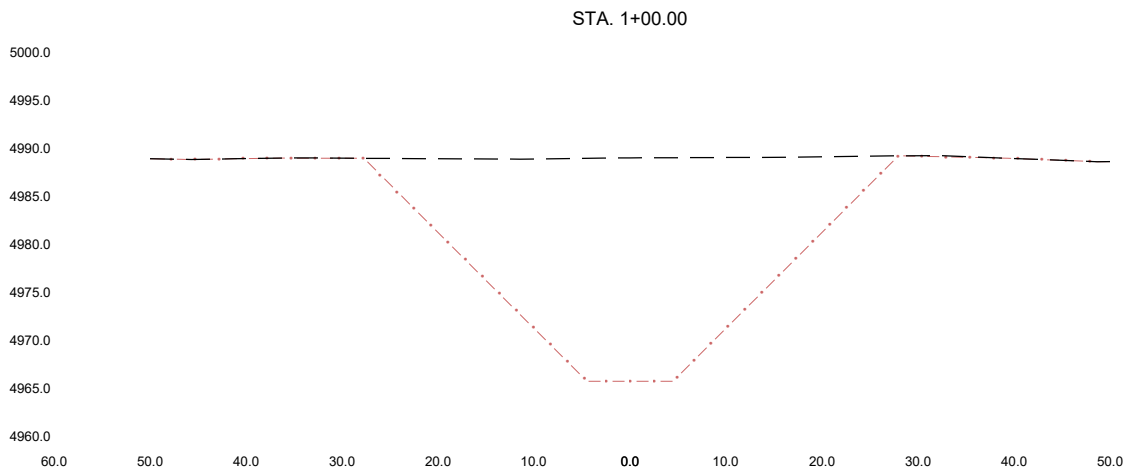
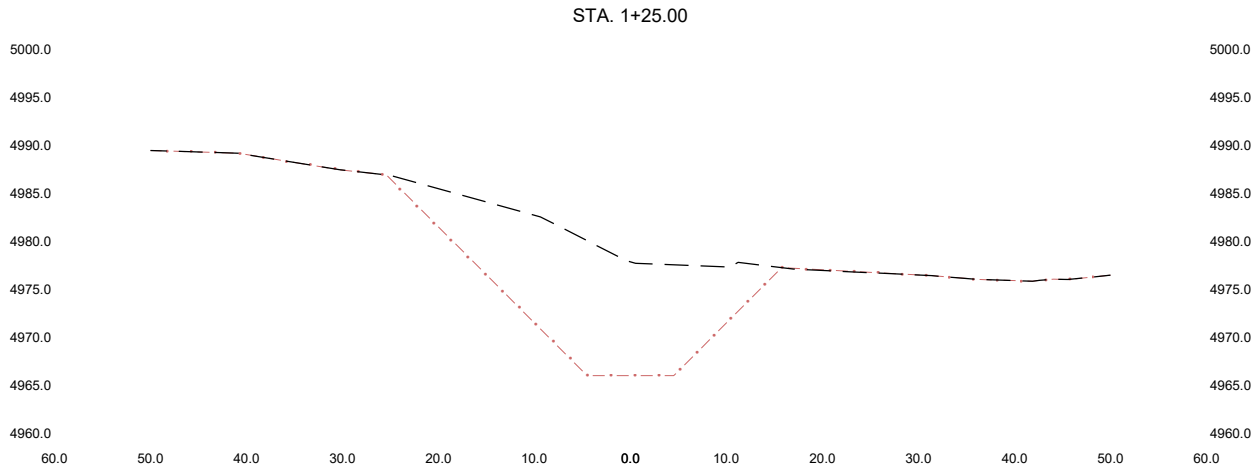
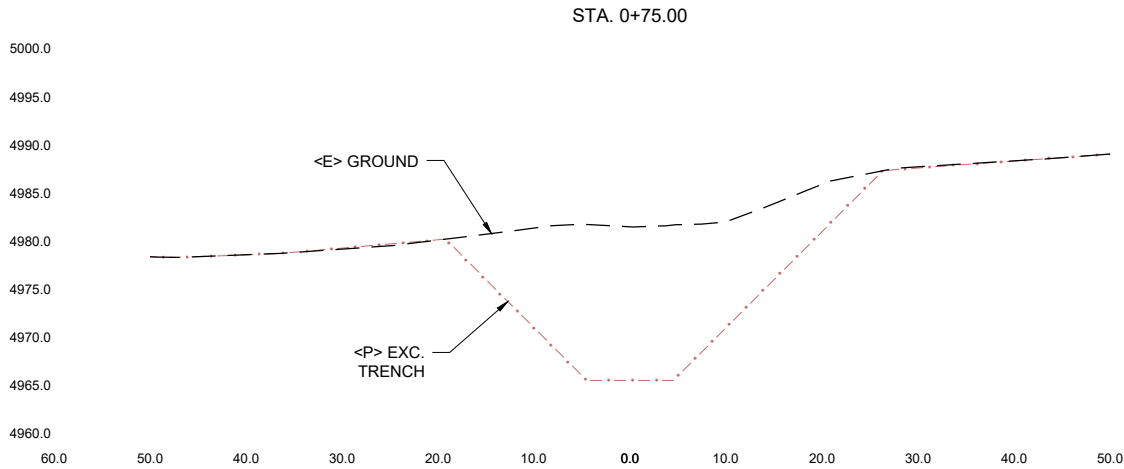
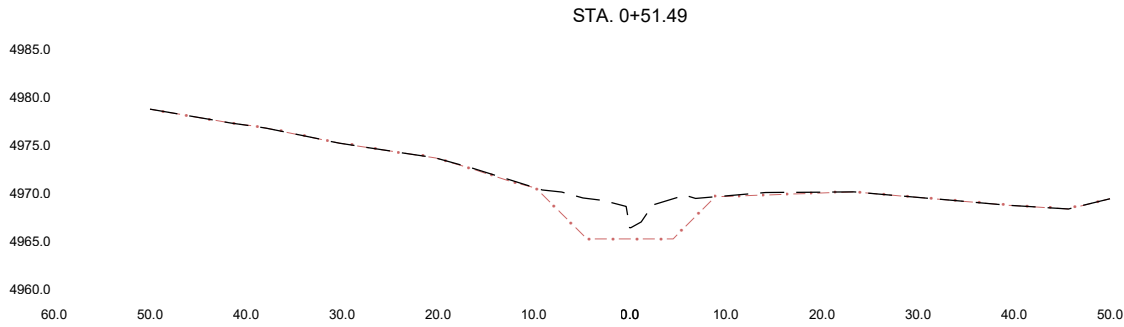
<P> STRUCTURE BACKFILL 95%
COMPACTION

TYPICAL EXCAVATION SECTION

SCALE: 1"=20'



BAR IS ONE INCH ON ORIGINAL DRAWING [REDACTED]	ROAD NAME: DOWS PRAIRIE		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 7 OF 8
	ROAD NO: 4M220	MILE POST: 2.68	-		
	PROJECT NO.: 342029	EA NO.: NONE	DESIGNED BY: PBS	DOWS PRAIRIE PM 2.68 - EMERGENCY CULVERT REPAIR	
	CONTRACT NO.:	PPNO: NONE	DRAWN BY: PBS		
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWING FILE NAME: 342029 - Dows Prairie_260603.dwg		REVIEWED BY: JB	"S" LINE SECTIONS AND PROFILE	
	PLOT DATE: 07/07/2026		REVISION DATE: --		
			APPROVED BY: TS		





BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DOWS PRAIRIE		DESIGN SECTION -	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS DOWS PRAIRIE PM 2.68 - EMERGENCY CULVERT REPAIR "D" LINE SECTIONS AND PROFILE	SHEET 8 OF 8
	ROAD NO: 4M220	MILE POST: 2.68			
	PROJECT NO.: 342029	EA NO.: NONE	DESIGNED BY: PBS		
	CONTRACT NO.:	PPNO: NONE	DRAWN BY: PBS		
	DRAWING FILE NAME: 342029 - Dows Prairie_260603.dwg		REVIEWED BY: JB		
	PLOT DATE: 07/07/2026	REVISION DATE: --	APPROVED BY: TS		

