





THORN JUNCTION

MATTOLE RIVER

PROJECT LOCATION

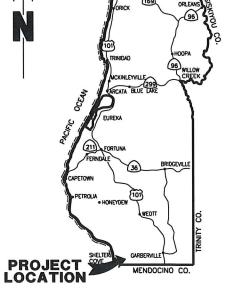
WHITETHORN



PROJECT PLANS FOR CONSTRUCTION OF STORM DAMAGE REPAIRS ON **BRICELAND THORNE ROAD (C5A010)** at P.M. 3.76 FEMA-4434-DR-CA PW-204 CONTRACT NO. 219206







COUNTY OF HUMBOLDT

DEPARTMENT OF PUBLIC WORKS

BRICELAND THORNE ROAD PM 3.76 STORM DAMAGE REPAIR

COVER SHEET, SHEET INDEX AND MAPS

9

LOCATION MAP SCALE: 1"=10± MILE



- COVER SHEET, SHEET INDEX, AND MAPS
- CONSTRUCTION SIGNS & QUANTITIES
- SURVEY & CONTROL
- TYPICAL SECTION AND DETAILS CULVERT PLAN AND PROFILE
- ROAD PLAN AND PROFILE
- EROSION CONTROL
- SECTION VIEWS

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

(SEE APPLICABLE STAN PLAN LIST IN SPECIAL PROVISIONS)

RECOMMENDED

DESIGN SECTION

DESIGNED BY: MMS

DRAWN BY: MMS EVIEWED BY: JAB

MILE POST: 3.76

AD NO: C5A010

ONTRACT NO.: 219206

AWING FILE NAME: 219206 Design

MA PROJECT NO.: FEMA-4434-DR-CA PW#204



APPROVED

TONY R. SECHETTI RCE 63714, EXP. 9/30/202



VICINITY MAP

N.T.S.



BAR IS ONE INCH ON ORIGINAL DRAWING

 KOAD NAME: BRICELAND THORNE ROAD
 DESIGN SECTION ENGINEERING

 KOAD NO: C5A010
 MILE POST: 3.76
 BOSIGN SECTION ENGINEERING

 VEMA PROJECT NO.: FEMA-4434-DR-CA PW#204
 DESIGNED BY: MMS

 CONTRACT NO.: 219206
 DRAWIN BY: MMS

 DRAWING FILE NAME: 219206 Design
 REVIEWED BY: JAB

 ALOT DATE: 4/18/2022
 APPROVED BY: TRS

BRICELAND THORNE ROAD PM 3.76 STORM DAMAGE REPAIR

CONSTRUCTION SIGNS AND

QUANTITIES

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

QUANTITIES

| ITEM NO. | ITEM CODE | | ITEM DESCRIPTION | UNIT | QUANTITY |
|-------------|--------------|---|--|------|----------|
| 1 | 120090 | | Construction Area Signs | | 8 |
| 2 | 120100 | | Traffic Control system | | 1 |
| 3 | 120089 | | Construct Detour (Railroad Flatcar Bridge) | LS | 1 |
| 4 | 129000 | | Temporary Railing (Type K) | | 100 |
| 5 | 129110 | | Temporary Crash Cushion (Absorb-M, MASH TL-2) | | 4 |
| 6 | 130100 | | Job Site Management | LS | 1 |
| 7 | 130200 | | Prepare Water Pollution Control Program | LS | 1 |
| 8 | 130680 | | Temporary Silt Fence | LF | 115 |
| 9 | 160102 | | Clearing and Grubbing | LS | 1 |
| 10 | 192025 | F | Structure Excavation (Culvert & Channel) | CY | 570 |
| 11 | 193004A | F | Import Structure Backfill (Culvert) | CY | 109 |
| 12 | 198050 | | Embankment | CY | 271 |
| 13 | 210212 | | Dry Seed | SF | 61 |
| 14 | 210420 | | Straw | SF | 61 |
| 15 | 260301 | | Class 2 Aggregate Base | CY | 51 |
| 16 | 390132 | | Hot Mix Asphalt (Type A) | TON | 40 |
| 17 | 394073 | | Place Hot Mix Asphalt Dike (Type B) | LF | 46 |
| 18 | 665067A | Р | 84" Corrugated Aluminized Steel Pipe (.168" Thick) | LF | 64 |
| 19 | 710130 | | Remove Culvert | EA | 1 |
| 20 | 723020 | | Rock Slope Protection (Class VIII, 1 Ton, Method A) | CY | 43 |
| 21 | 723030 | | Rock Slope Protection (Class VII, 1/2 Ton, Method A) | CY | 43 |
| 22 | 800052A | | Reset Fence (Type WM, Wooden Post) | LF | 50 |
| 23 | 840501 | | Thermoplastic Traffic Stripe | LF | 80 |
| 24 | 999990 | | Mobilization | LS | 1 |

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) 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

* OR TO BE SUFFICIENT TO BE VISIBLE OVER OBJECTS WORK WORK EDGE OF OR AS DIRECTED TRAVELED BY ENGINEER 1' OR AS DIRECTED -BY ENGINEER <E> DIKE POST SECURELY TAMPED IN HOLE POST SECURELY -TAMPED IN HOLE DIKE CONDITION UNPAVED SHOULDER

RURAL CONSTRUCTION AREA SIGN

- NOT TO SCALE -

SIGN PLAN OVERVIEW

SCALE: 1"=~300'

500 FT

(W3-1) & (C29-500)

(W20-1)

END ROAD WORK

_GATE

-PROJECT AREA

STOP

PROCEED WHEN CLEAR (R1) & (R-SPECIAL)

-STOCKPILE AREA ~0.5 ACRE

√ (G20-2)

500 FT (W3-1) & (C29-500)

STOP

PROCEED WHEN CLEAR (R1) &

(R-SPECIAL)

ROAD WORK AHEAD

(W20-1)

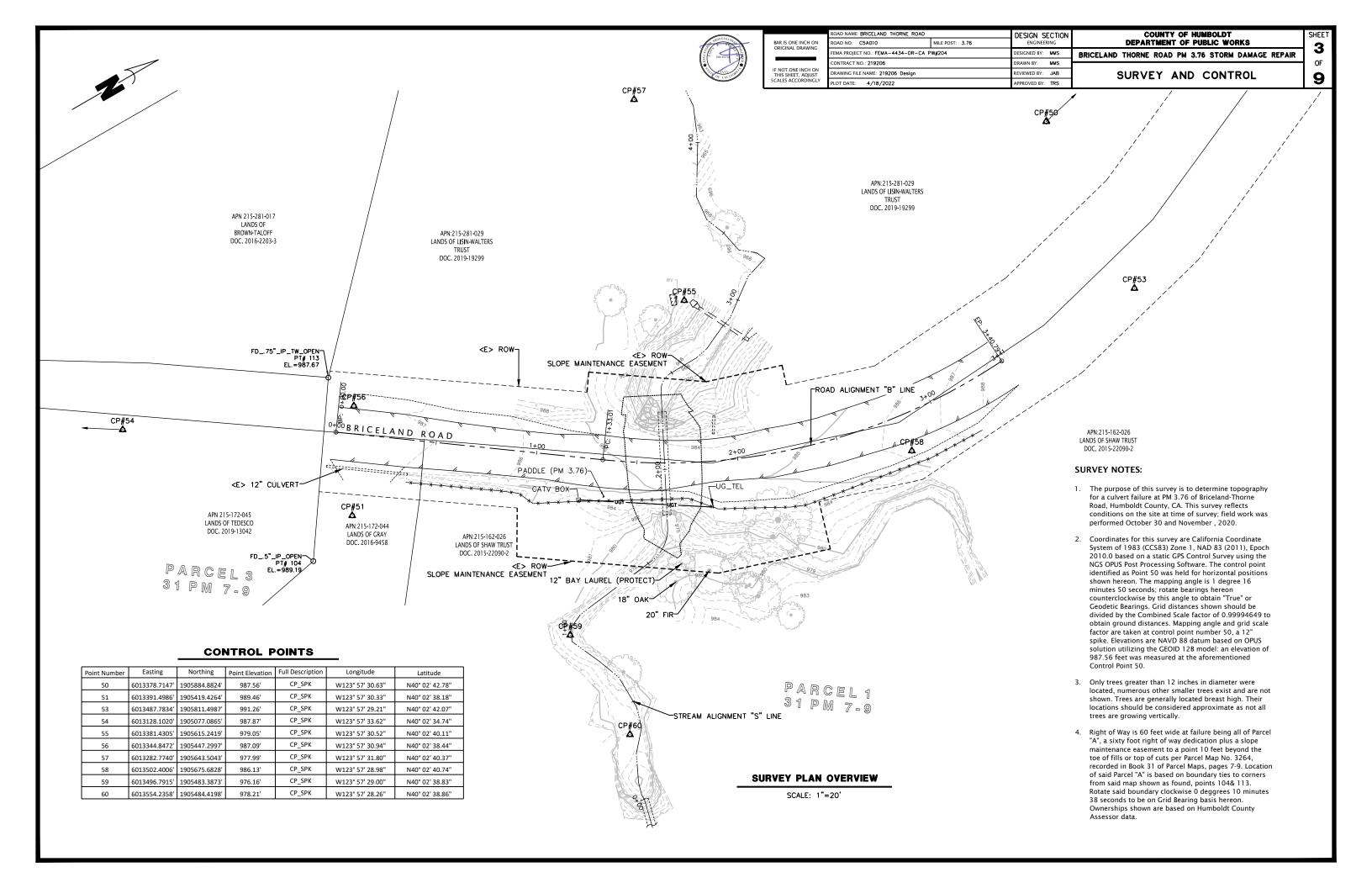
END ROAD WORK

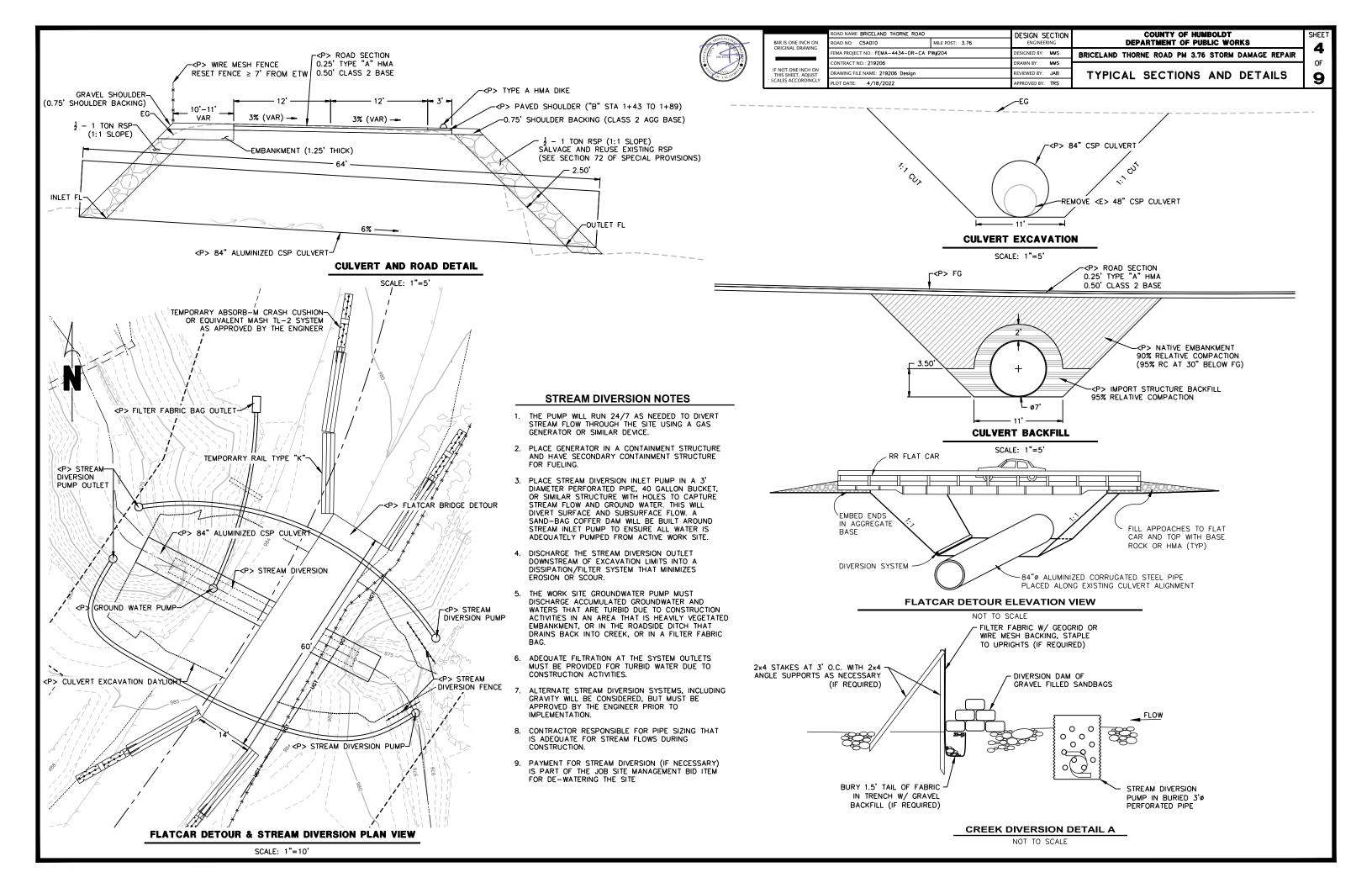
CONSTRUCTION AREA SIGN SUMMARY

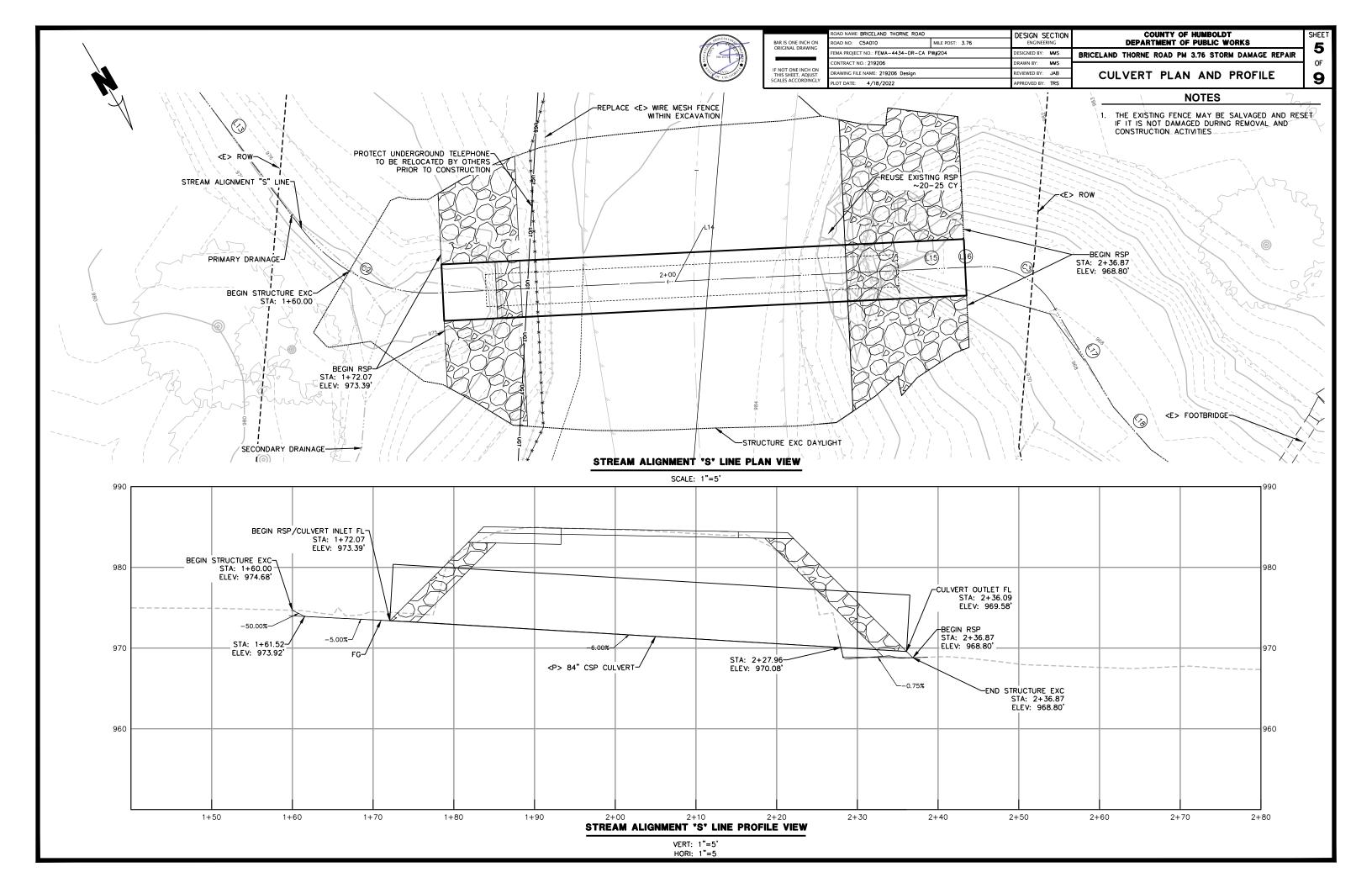
| SIGN TYPE | QTY | DESCRIPTION | SIZE | REMARKS | POST SIZE | NUMBER |
|-----------------------|-----|----------------------------|------------------------|---------------------------------------|--------------|--------|
| W20-1 | 2 | ROAD WORK AHEAD | 30" × 30" | VISIBLE AT ALL TIMES | 4" x 4" | 1 |
| W3-1 & C29-500 | 2 | STOP AHEAD | 30" × 30" 20" X 7" | VISIBLE AT ALL TIMES | 4 x 4 | 1 |
| R1 – 1 R – SPECIAL | 2 | STOP PROCEED WHEN CLEAR | 30" × 30" 30" × 15" | VISIBLE AT ALL TIMES LINE OF SIGHT | 4 × 4 | 1 |
| G20-2 | 2 | END ROAD WORK | 36" × 18" | VISIBLE AT ALL TIMES | 4 x 4 | 1 |

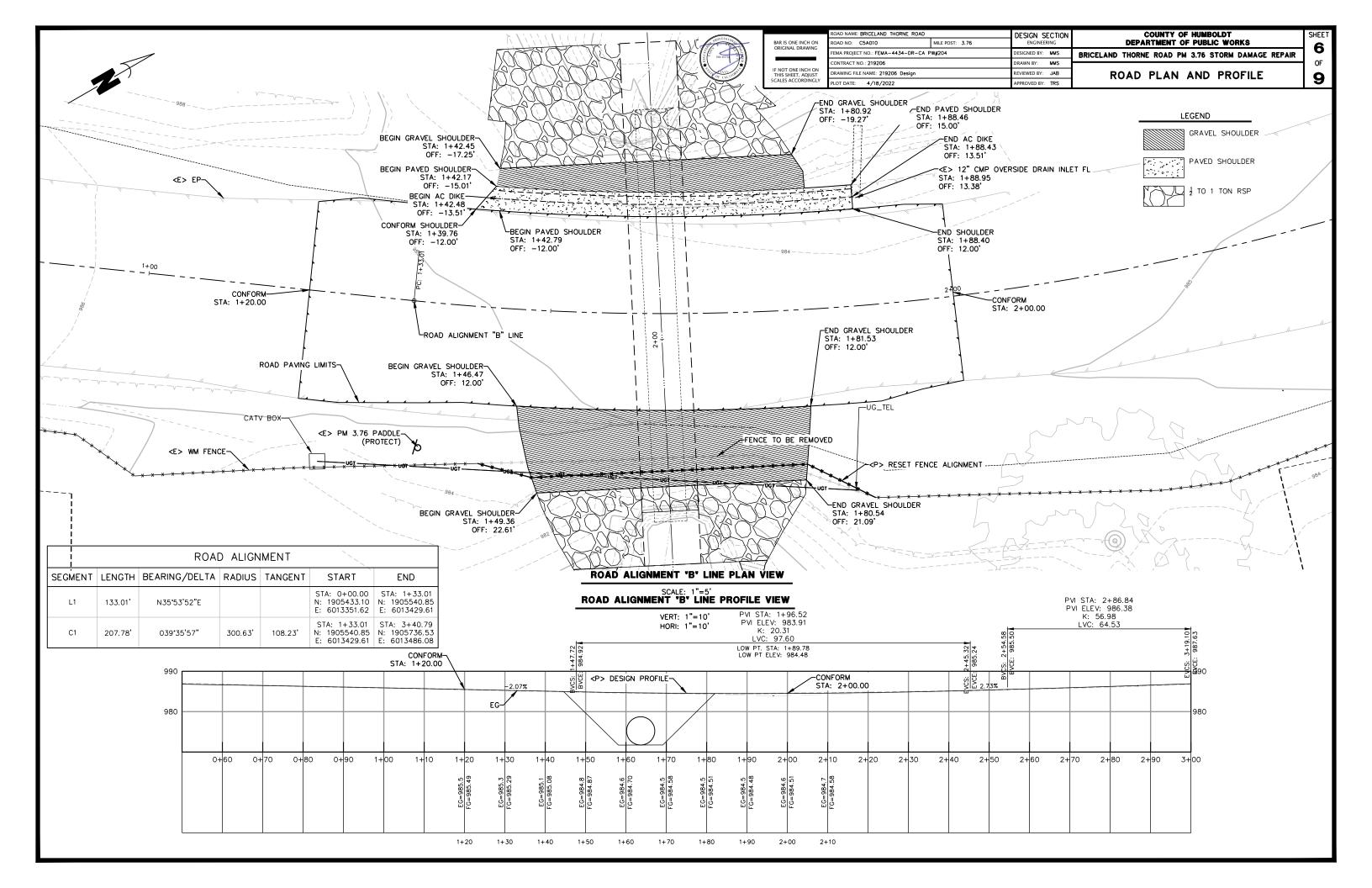
STOCKPILE NOTES

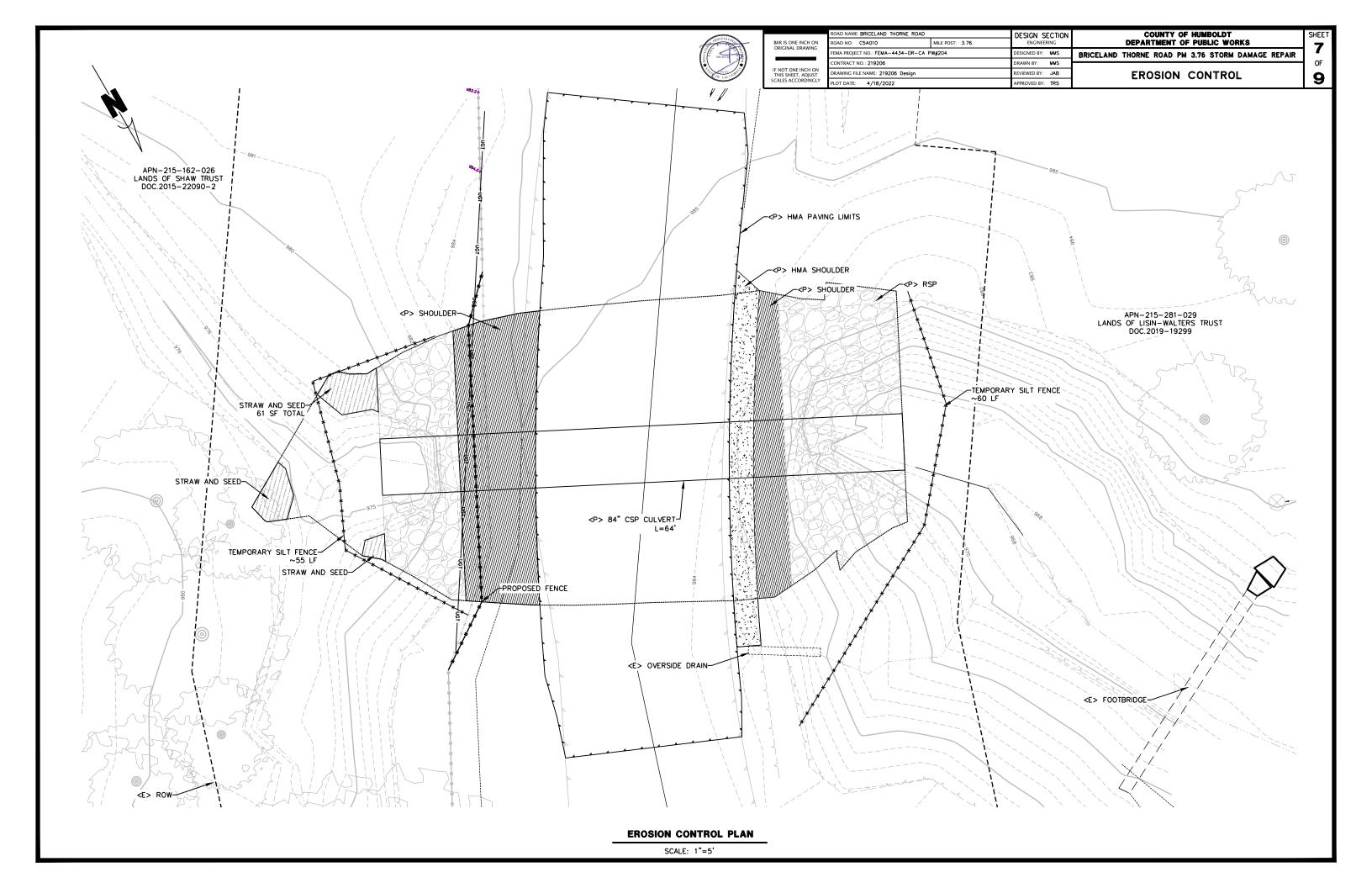
- 1) MANAGE MATERIAL PER SECTION 13-4.03C OF THE 2018 CALTRANS STANDARD SPECIFICATIONS
- 2) IF STOCKPILE AREA IS IN A TURNOUT, THE TURNOUT SHALL BE REESTABLISHED TO PRE-CONSTRUCTION CONDITIONS
- 3) STOCKPILE LOCATIONS HAVE BEEN APPROVED BY PUBLIC WORKS AS DETAILED IN THE ENVIRONMENTAL REPORT.

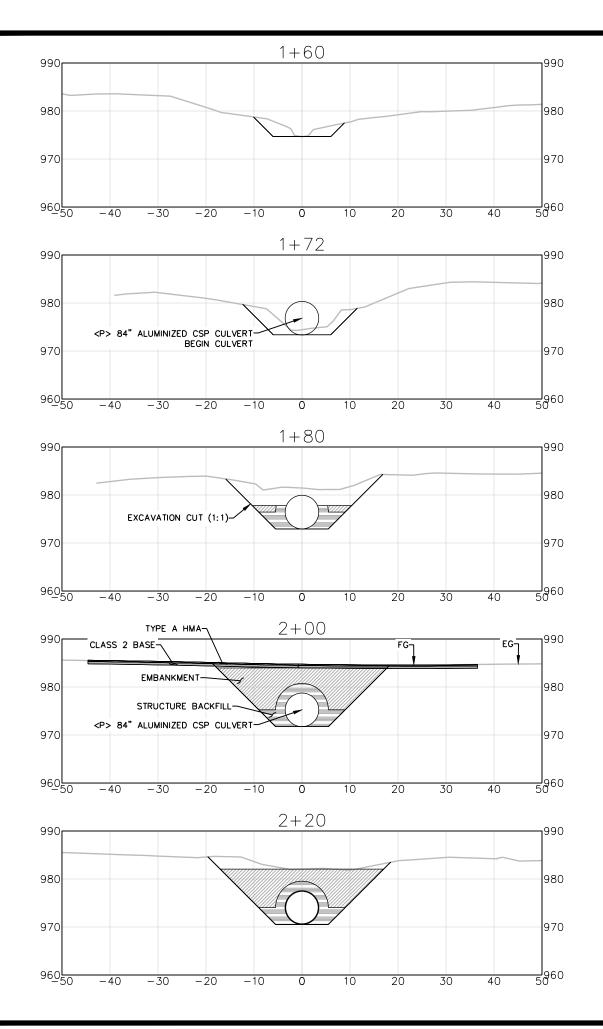
















COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS

BRICELAND THORNE ROAD PM 3.76 STORM DAMAGE REPAIR

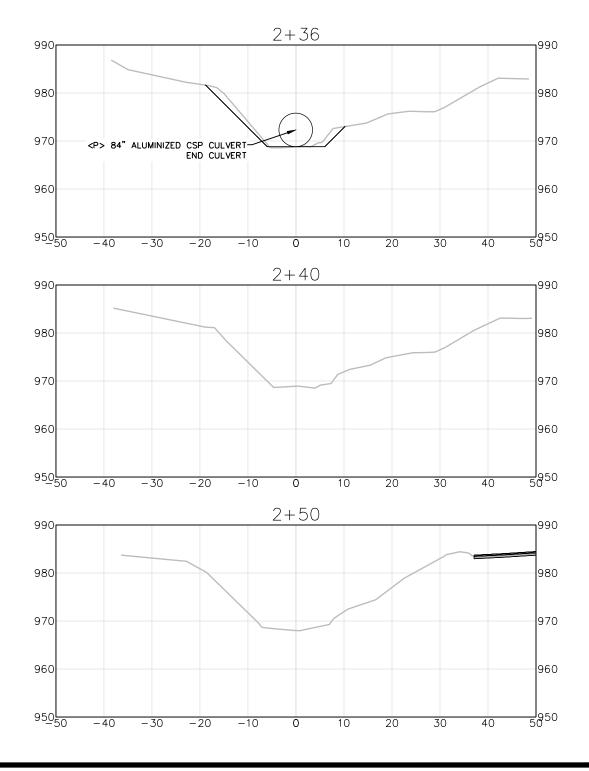
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STREAM SECTION VIEWS

CULVERT CROSS SECTIONS

SCALE: 1"=10'



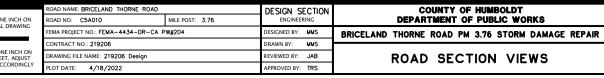


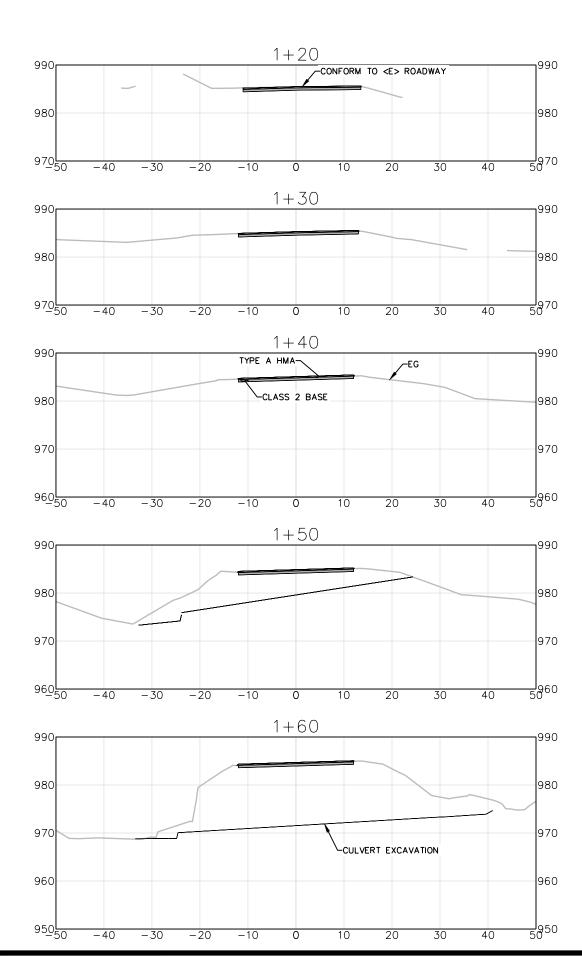
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

ROAD NAME: BRICELAND THORNE ROAD DESIGN SECTION MILE POST: 3,76 ROAD NO: C5A010 DESIGNED BY: MMS DRAWN BY: MMS REVIEWED BY: JAB

ROAD SECTION VIEWS

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SCALE: 1"=10'

