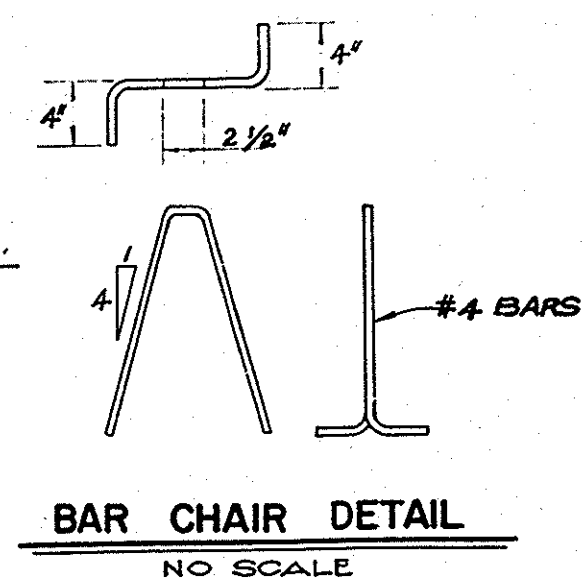
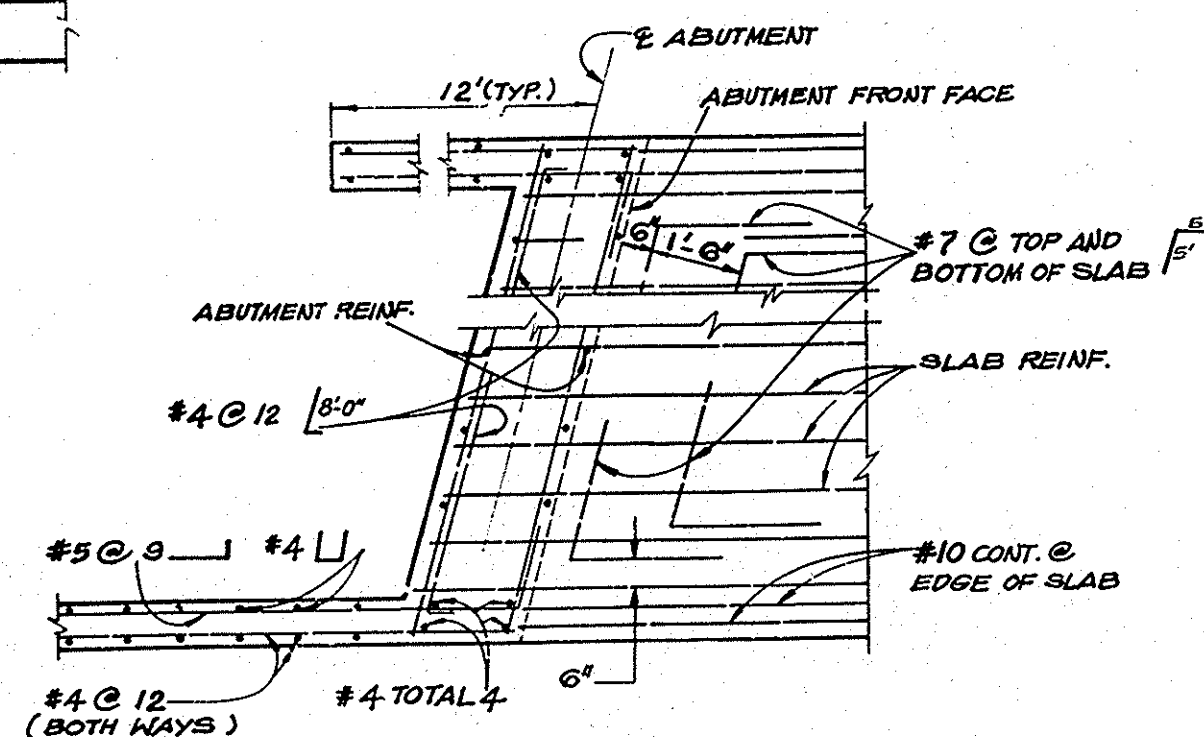
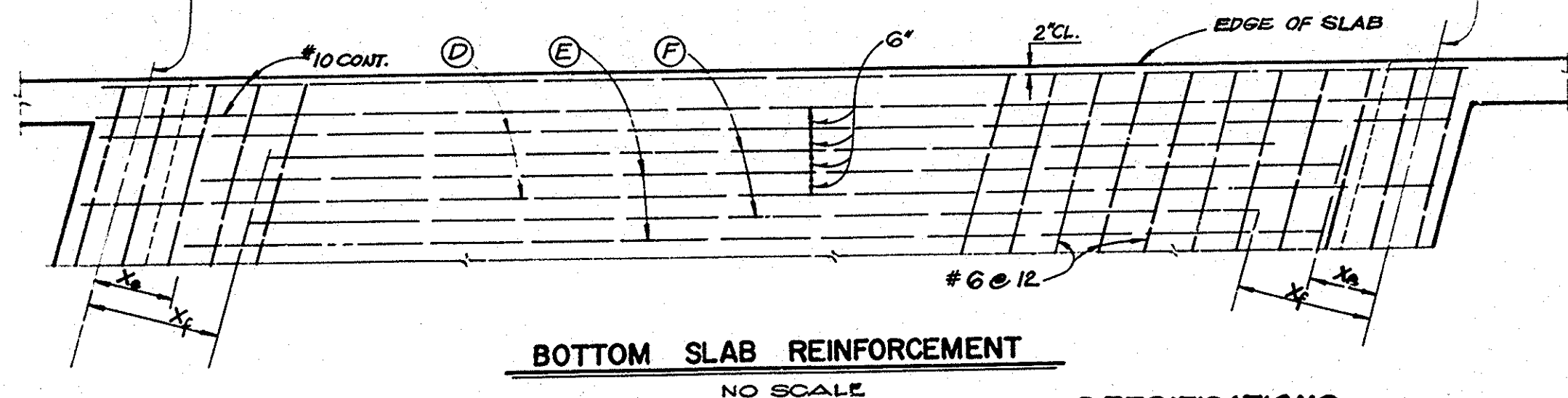
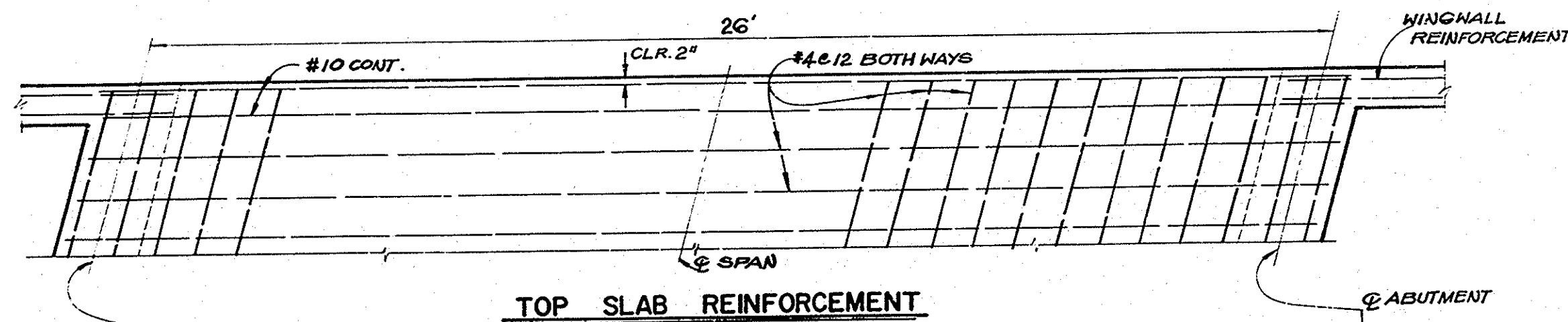
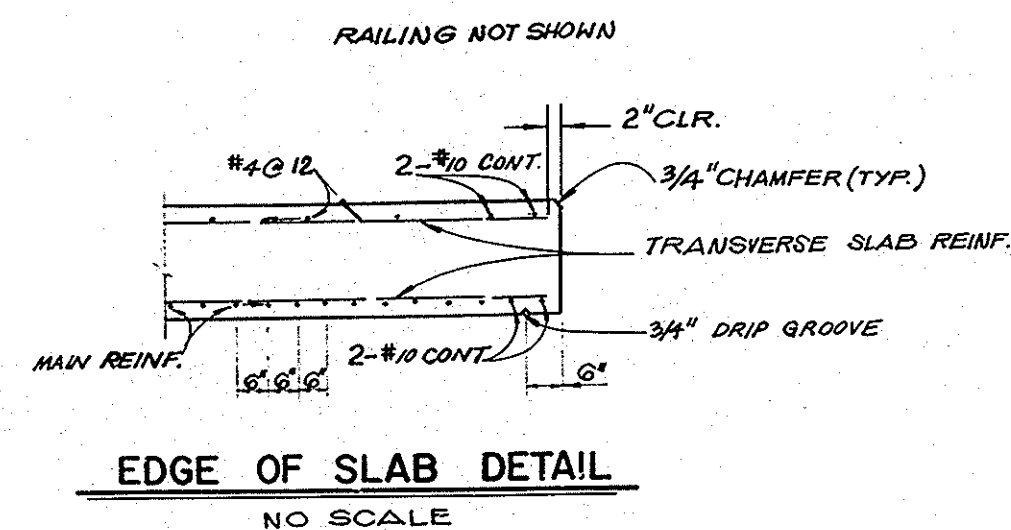
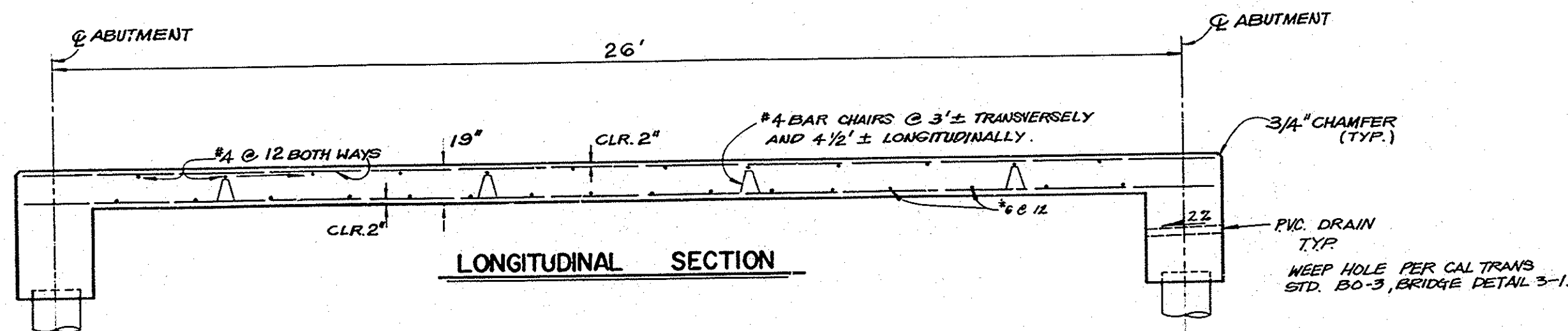




| LENGTH OF SLAB                      |                    | 26'   |
|-------------------------------------|--------------------|-------|
| BOTTOM OF SLAB                      | (D) SIZE #9        |       |
|                                     | BARS LENGTH CONT.  |       |
|                                     | (E) SIZE #9        |       |
|                                     | BARS LENGTH 24'-0" |       |
|                                     | (F) SIZE #9        |       |
|                                     | BARS LENGTH 17'-0" |       |
| SLAB THICKNESS                      |                    | 19"   |
| ULT. DEF. @ MIDSPAN                 |                    | 0.04' |
| APPROX. QUANTITIES PER FT. OF WIDTH | CONC. FT           | 42.8  |
|                                     | STEEL - LBS        | 210   |

#### NOTES:

- PLACE ALL TRANSVERSE BARS PERPENDICULAR TO LONGITUDINAL BARS.
- THE CAMBER AT THE MID-SPAN OF THE BRIDGE IS .04'

#### SPECIFICATIONS

**DESIGN**  
A.A.S.H.T.O. STD. SPECS. DATED 1971 WITH SUBSEQUENT REVISIONS BY CALIFORNIA DEPT. OF TRANSPORTATION

**CONSTRUCTION**  
STANDARD SPECIFICATIONS CALIFORNIA DEPT. OF TRANSPORTATION DATED JULY 1984 AND SPECIAL PROVISIONS.

**LIVE LOADING**  
H.S. 20-44 AND ALTERNATIVE 6 CALIFORNIA PERMIT DESIGN LOADS (P-13)

**PILE LOADING**  
45 TONS TYPE : CLASS 4-5 (CIDH)

**REINFORCEMENTS**  
EMBEDMENT IS CLEAR TO OUTSIDE OF BAR AND IS 2" TO MAIN REINFORCEMENT EXCEPT AS SHOWN. BACKING FOR HOOKS IS FOUR DIAMETERS EXCEPT AS NOTED. WHERE REINFORCEMENT BARS ARE SPICED, BARS #8 AND SMALLER LAP 45 DIAMETERS OF SMALLER BAR JOINED. BAR 9, 10 & 11 LAP 60 DIAMETERS OF SMALLER BAR JOINED.

**CONCRETE**  
BRIDGE DECK - CLASS A, ABUTMENT - CLASS A  
WINGWALL - CLASS A

**UNIT STRESSES**  
PILE CAP & ABUT. :  $f'_c = 3250$  P.S.I. @ 28 DAYS,  $f_y = 60,000$  P.S.I.  
PILES :  $f'_c = 6,000$  P.S.I.,  $f_y = 270,000$  P.S.I. STRANDS,  $f_y = 60,000$  P.S.I.

|                                                               |         |
|---------------------------------------------------------------|---------|
| ORANGE COUNTY<br>ENVIRONMENTAL MANAGEMENT AGENCY              |         |
| MEADS AVENUE BRIDGE<br>ACROSS<br>HANDY CREEK CHANNEL (E08S06) |         |
| SLAB DETAILS                                                  |         |
| REVISIONS                                                     | DATE    |
| J.D.S.                                                        | 3/7/86  |
| HP, TCR, VPR                                                  | 30829   |
| SCALE                                                         | DWG NO. |
| DATE                                                          | 4       |
| SHEET 4 OF 9                                                  |         |

DR. 12 (15007)