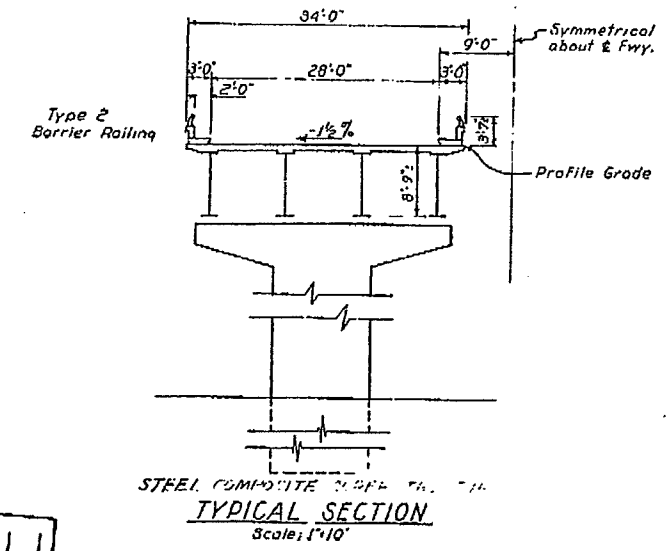
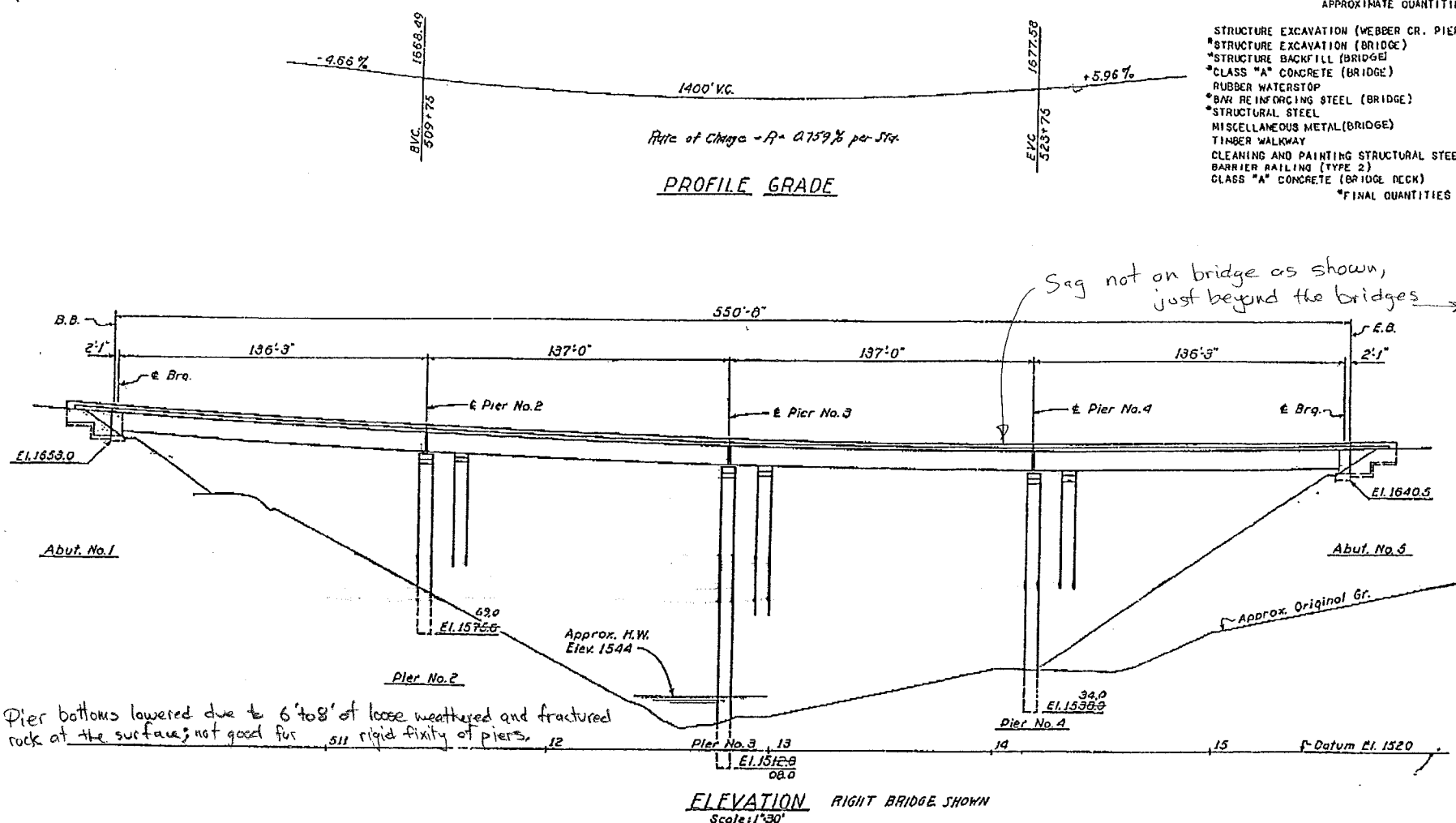


P.M. 15.4
   
 Date Approved May 1, 1961

APPROXIMATE QUANTITIES

|   |                |
|---|----------------|
| STRUCTURE EXCAVATION (WEBBER CR. PIERS) | 415 C.Y.       |
| STRUCTURE EXCAVATION (BRIDGE)           | 540 C.Y.       |
| STRUCTURE BACKFILL (BRIDGE)             | 410 C.Y.       |
| CLASS "A" CONCRETE (BRIDGE)             | 1,555 C.Y.     |
| RUBBER WATERSTOP                        | 95 L.F.        |
| BAR REINFORCING STEEL (BRIDGE)          | 486,000 LBS.   |
| STRUCTURAL STEEL                        | 1,370,000 LBS. |
| MISCELLANEOUS METAL (BRIDGE)            | 3,000 LBS.     |
| TIMBER WALKWAY                          | LUMP SUM       |
| CLEANING AND PAINTING STRUCTURAL STEEL  | LUMP SUM       |
| BARRIER RAILING (TYPE 2)                | 2,395 L.F.     |
| CLASS "A" CONCRETE (BRIDGE DECK)        | 900 C.Y.       |
| *FINAL QUANTITIES                       |                |



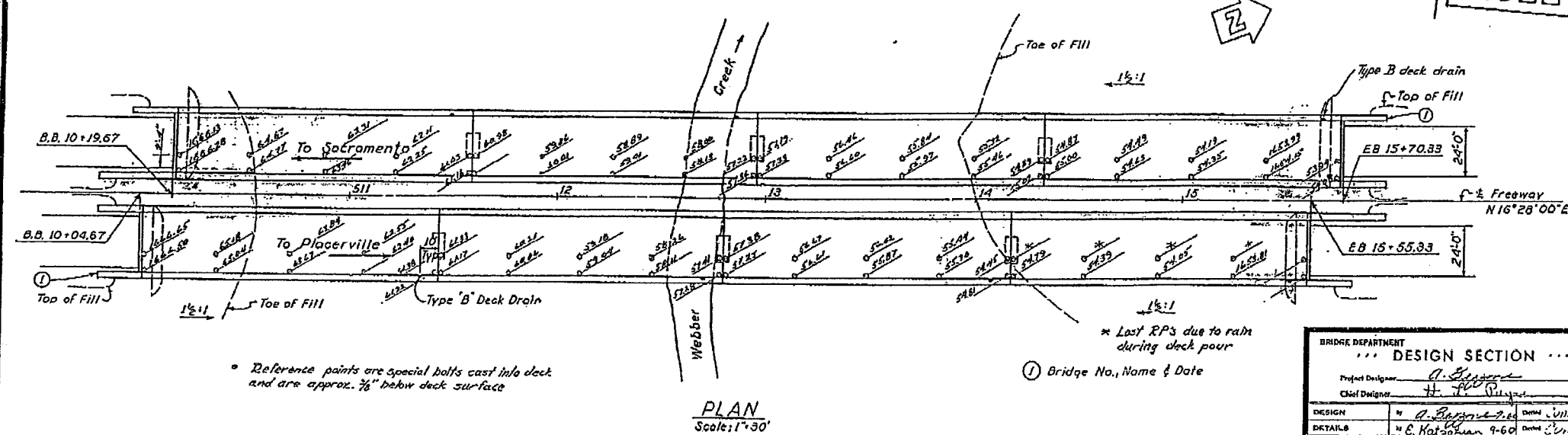
**AS BUILT PLANS**  
 Contract No. 61-3T13C-37  
 Date Completed  
 Document No. 30001417

**INDEX TO PLANS**

| Sheet No. | Title                            |
|-----------|----------------------------------|
| 1         | General Plan                     |
| 2         | Grid Grades                      |
| 3         | Foundation Plan                  |
| 4         | Abutment Details                 |
| 5         | Pier Details                     |
| 6         | Typical Section                  |
| 7         | Steel Layout                     |
| 8         | Test Details                     |
| 9         | Steel Details                    |
| 10        | Bearing Details                  |
| 11        | Standard Details No. 2           |
| 12        | Type 1 Cantilever Retaining Wall |
| 13        | Retaining Wall Detail No. 1      |
| 14        | Barrier Railing Sheet 1          |
| 15        | Barrier Railing Sheet 2          |
| 16        | Log of Test Borings              |

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 9-29-63 AS SUBMITTED BY RESIDENT ENGINEER 28-28-64. TRACINGS CORRECTED BY: [Signature] DATE: 12-19-62.

LL = H20-S16-44 & Alternative For "General Notes" see "Std. Details No. 2."



Reference points are special bolts cast into deck and are approx. 7/8" below deck surface.

BRIDGE DEPARTMENT

**DESIGN SECTION 6**

Project Designer: [Signature]  
 Chief Designer: [Signature]

|                |                |                           |
|----------------|----------------|---------------------------|
| DESIGN         | By [Signature] | Checked [Signature] 12/60 |
| DETAILS        | By [Signature] | Checked [Signature] 1/61  |
| QUANTITIES     | By [Signature] | Checked [Signature] 2-61  |
| SPECIFICATIONS | By [Signature] | Checked [Signature]       |

Approved & Recommended by: [Signature]      6729

STATE OF CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF HIGHWAYS  
**61-3T13C37**  
**WEBBER CREEK BRIDGE**  
 LOCATED ABOUT 2.5 MILES WEST OF THE WEST CITY LIMITS OF PLACERVILLE  
 IN EL DORADO COUNTY  
**GENERAL PLAN**  
 SCALE As Noted      BRIDGE 25-05 R/L FILE      DRAWING C-7159-1

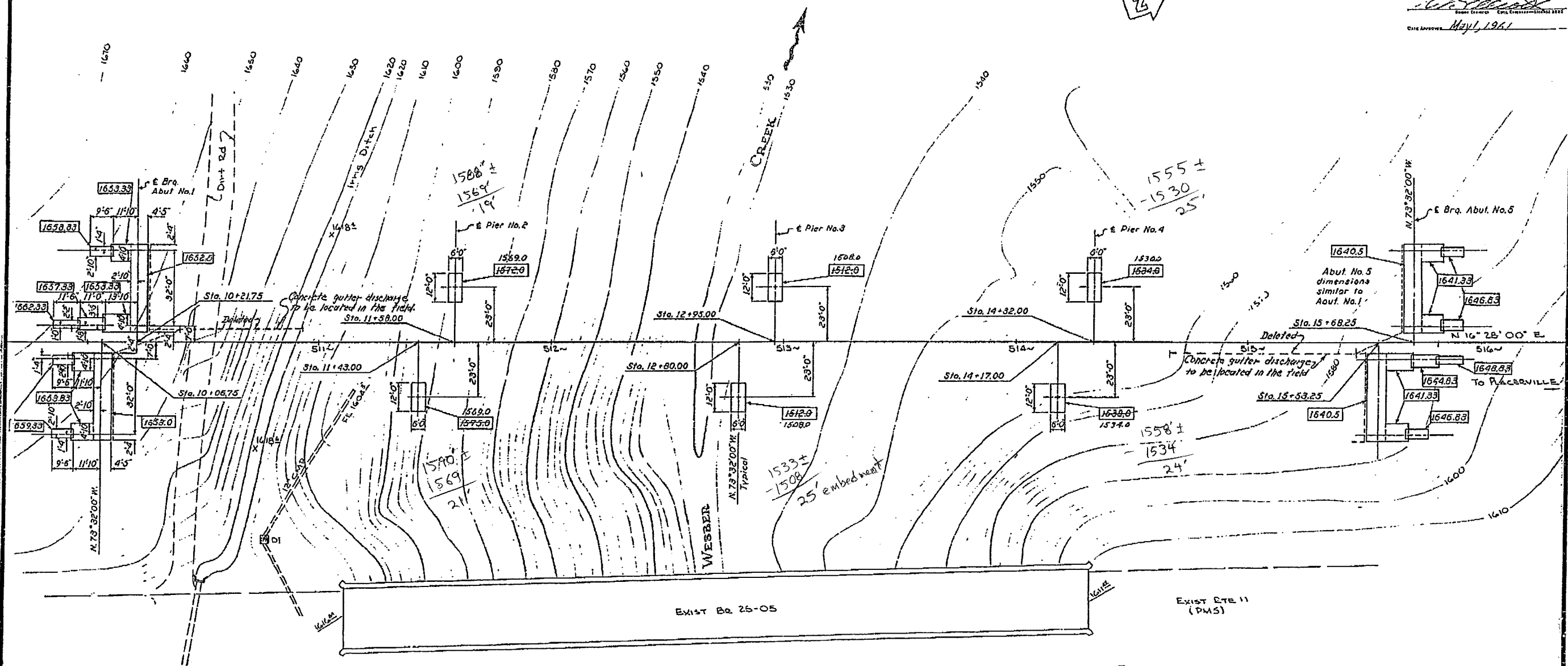
PREL. DRAWING NO. P-7159      206

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 1-12-72      SIGNATURE [Signature]      TITLE



| Dist. | County | Route | Section | Sheet | Total |
|-------|--------|-------|---------|-------|-------|
| FE    | ED     | 11    | 3       | 16    |       |

DATE APPROVED: May 1, 1961



100 denotes bottom of Footing elevation.

BM # 25  
hd. chiseled B on W rail  
N end Exist BR = 25-05  
EL 1614.923

TBM C  
Set Spikes in stump  
@ C 211+552  
EL 1587.2

1. SET OF PLANS FOR THIS BRIDGE TO CORRESPOND TO THE PLANS DATED 11-20-60 AS AMENDED BY RESUBMIT EXISTING 2-2-61. ENGINEERED BY: DATE: 11-20-60

**AS BUILT PLANS**  
Contract No. 61-3713037  
Date Completed \_\_\_\_\_  
Document No. 30001417

|                                     |                   |
|-------------------------------------|-------------------|
| BRIDGE DEPARTMENT<br>DESIGN SECTION |                   |
| Section Supervisor                  | H. J. Payne       |
| DESIGN                              | H. J. Payne       |
| DETAILS                             | H. J. Payne 11-60 |
| QUANTITIES                          | H. J. Payne 2-61  |

|   |   |
|---|---|
| STATE OF CALIFORNIA<br>DEPARTMENT OF PUBLIC WORKS<br>DIVISION OF HIGHWAYS |   |
| WEBBER CREEK BRIDGE   |   |
| FOUNDATION PLAN   |   |
| SCALE 1"=20'  | BRIDGE 25-05 1/2 FILE 25 DRAWING 1159-3 |

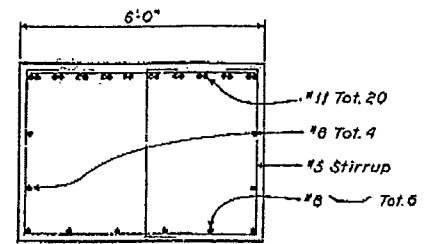
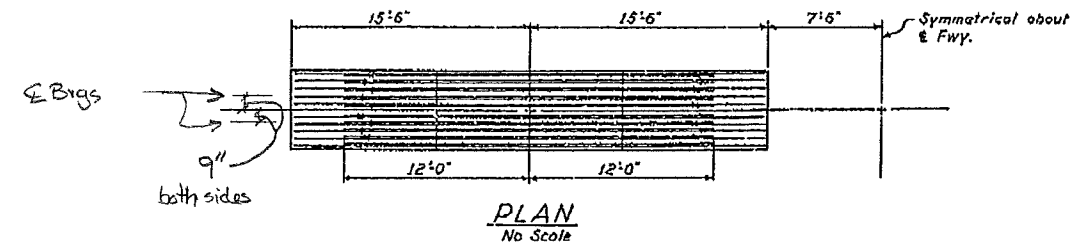
LEVEL DATA: U.S.C.G.  
FOR ALIGNMENT THIS SHEET 7159-3  
CONTOURS AS OF 1960  
SITE PLAN TO SUPPLEMENT DISTRICT DATA  
SURVEY BY: L.L.S. DATE 12-60  
DRAWN BY: W.B. DATE 12-60  
TRACED BY: J.S. DATE 12-60

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 1-17-72 SIGNATURE James E. Coyle TITLE SR RMO

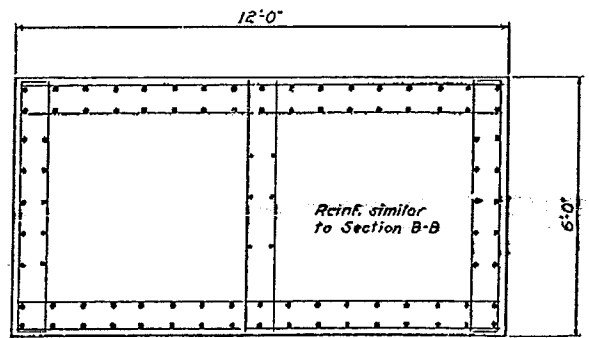
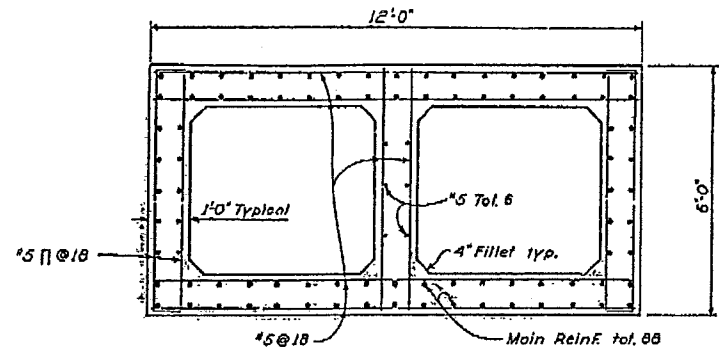
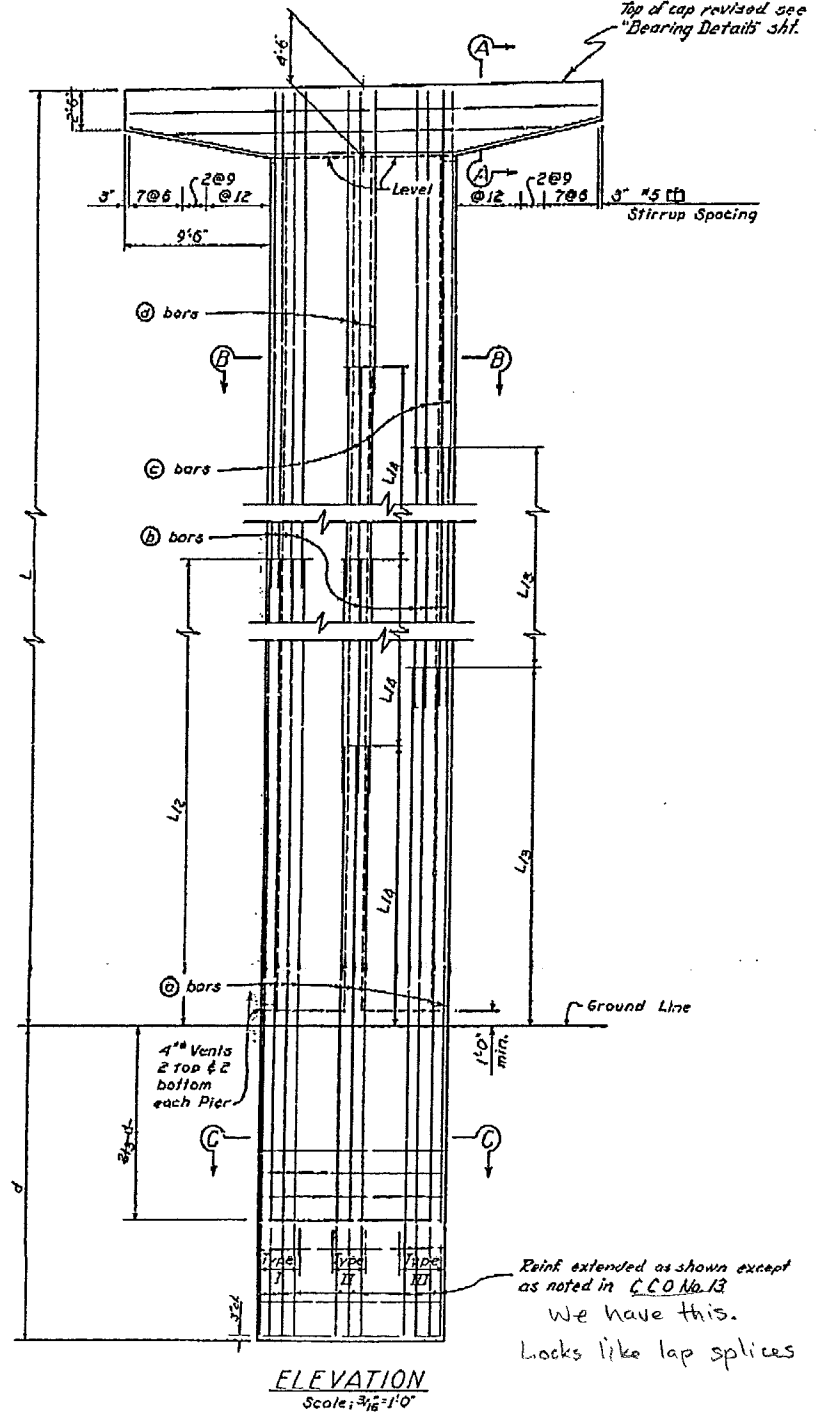


| Dist.  | Cover | Hours | Amount | Sheet | Total |
|--------|-------|-------|--------|-------|-------|
| VIH-ED |       |       |        | 5     | 16    |

May 1, 1961



| Pier No.             | ⊙   | ⊖   | ⊙    | ⊖    | Type |
|----------------------|-----|-----|------|------|------|
| Pier No. 2 Rt. & Lt. | #8  | #6  | None | None | I    |
| Pier No. 3 Rt. & Lt. | #14 | #11 | #8   | #6   | II   |
| Pier No. 4 Rt. & Lt. | #11 | #8  | #6   | None | III  |



$A = 36.4 \text{ ft}^2$  w/ fillets,  $A = 36.0$  w/o fillets

No confinement at all.  
Assume 2" cover outside, 1" inside.

Tall roller bearings

THIS SET OF PLANS HAS BEEN CORRECTED TO CONFORM TO THE "AS BUILT" 1961-62 AS SUBMITTED BY RESIDENT ENGINEER J. D. [Signature] TRACINGS CORRECTED BY: [Signature] DATE: 12-19-65

**AS BUILT PLANS**  
Contract No. 61-3T13C.37  
Date Completed \_\_\_\_\_  
Document No. 30001417

|   |                       |                            |                    |
|---|-----------------------|----------------------------|--------------------|
| BRIDGE DEPARTMENT                           |                       |                            |                    |
| ... DESIGN SECTION ...                      |                       |                            |                    |
| <b>6</b>                                    |                       |                            |                    |
| Project Designer: <u>[Signature]</u>        |                       |                            |                    |
| Chief Designer: <u>[Signature]</u>          |                       |                            |                    |
| DESIGN                                      | By <u>[Signature]</u> | Checked <u>[Signature]</u> | Date <u>[Date]</u> |
| DETAILS                                     | By <u>[Signature]</u> | Checked <u>[Signature]</u> | Date <u>[Date]</u> |
| QUANTITIES                                  | By <u>[Signature]</u> | Checked <u>[Signature]</u> | Date <u>[Date]</u> |
| SPECIFICATIONS                              | By <u>[Signature]</u> | Checked <u>[Signature]</u> | Date <u>[Date]</u> |
| Approved Recommended by: <u>[Signature]</u> |                       |                            |                    |

|   |                  |      |                  |
|---|------------------|------|------------------|
| STATE OF CALIFORNIA<br>DEPARTMENT OF PUBLIC WORKS<br>DIVISION OF HIGHWAYS |                  |      |                  |
| WEBBER CREEK BRIDGE   |                  |      |                  |
| PIER DETAILS  |                  |      |                  |
| SCALE As Shown  | BRIDGE 25-05 R/L | FILE | DRAWING C-7159-5 |

73

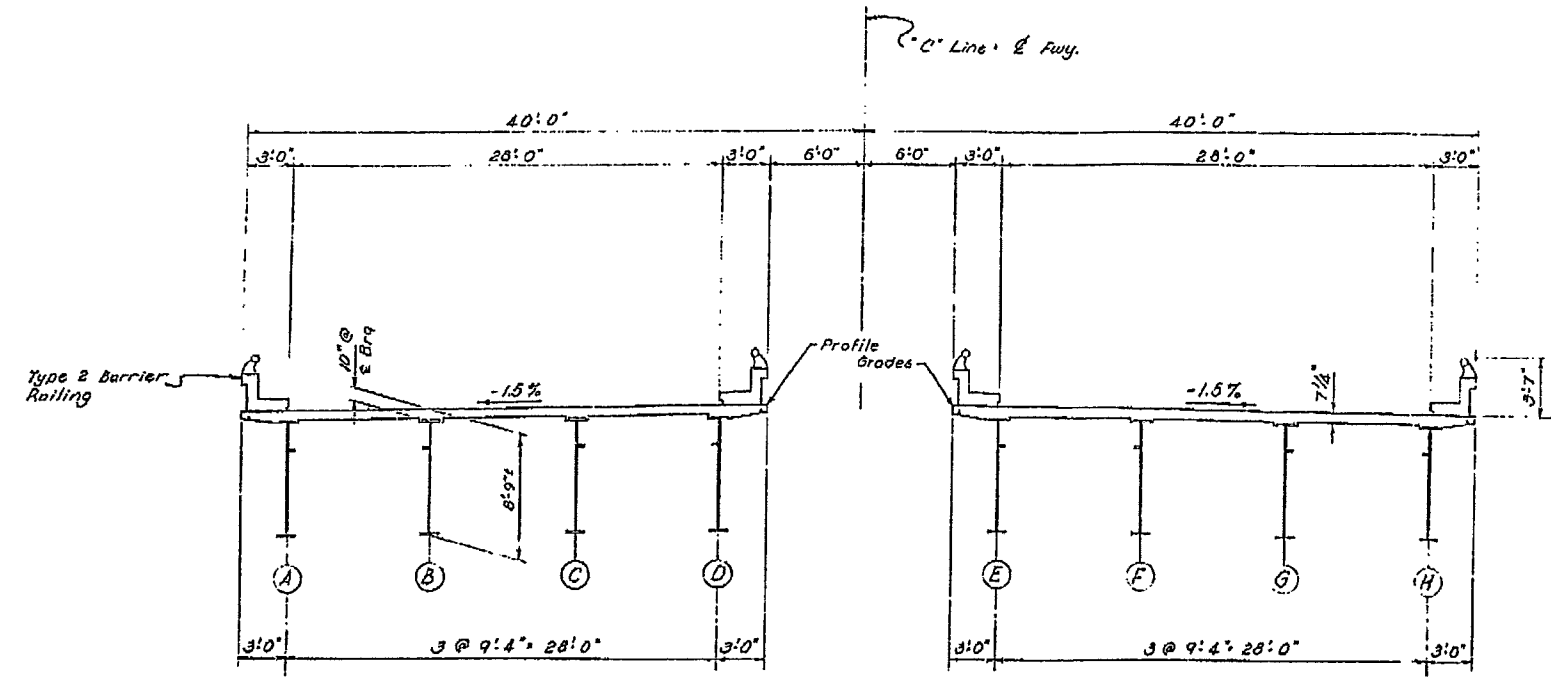
Reinf. extended as shown except as noted in C.C.O. No. 13. We have this. Looks like lap splices

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

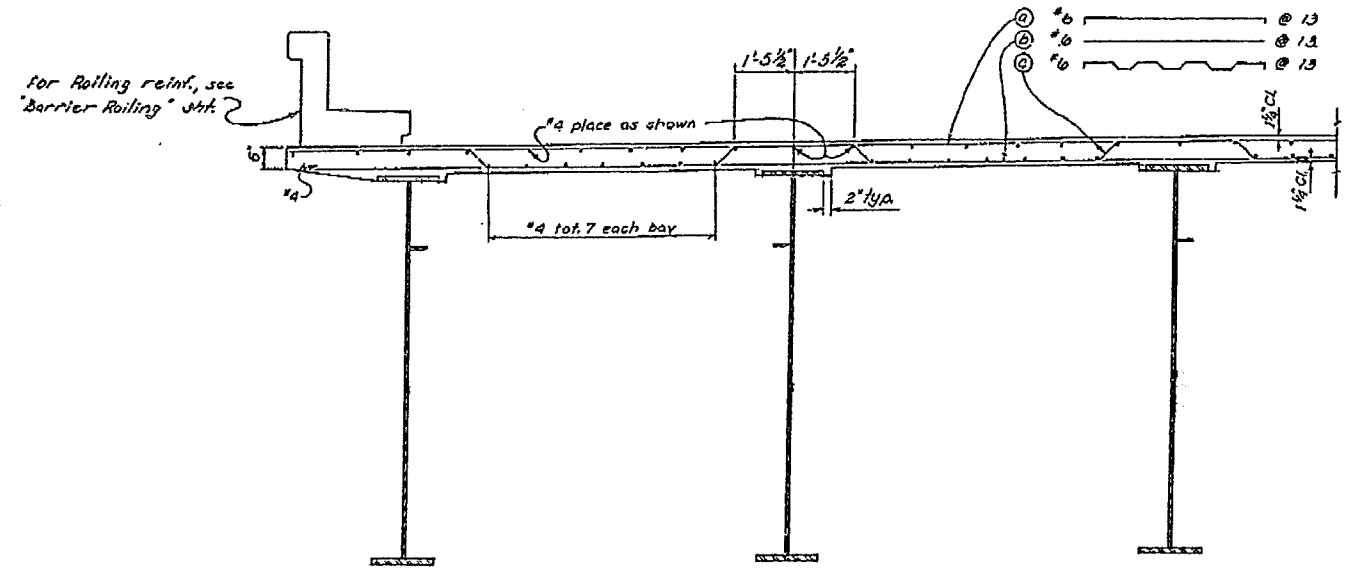
DATE 11/21/61 SIGNATURE [Signature] TITLE [Title]

| Dist. | County | Route | Mileage | Sheet No. | Total Sheets |
|-------|--------|-------|---------|-----------|--------------|
|       |        |       | 2       | 6         | 16           |

DATE APPROVED: May 1 1961



TYPICAL SECTION  
3/8" = 1'-0"



PART SECTION  
1/2" = 1'-0"

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 2-20-63 AS SUBMITTED BY RESIDENT ENGINEER E. G. BISHOP. CHANGES CORRECTED BY: JKO DATE: 12-19-63

AS BUILT PLANS  
Contract No. 61-3T13C37  
Date Completed \_\_\_\_\_  
Document No. 30001417

|                                |                |                             |         |   |
|--------------------------------|----------------|-----------------------------|---------|---|
| BRIDGE DEPARTMENT              |                | DESIGN SECTION ...          |         | 6 |
| Project Designer: R. E. Grogan |                | Chief Designer: H. J. Payne |         |   |
| DESIGN                         | by A. E. Brown | Checked                     | Checked |   |
| DETAILS                        | by P. J. ...   | Checked                     | Checked |   |
| QUANTITIES                     | by J. ...      | Checked                     | Checked |   |
| SPECIFICATIONS                 | by ...         | Checked                     | Checked |   |

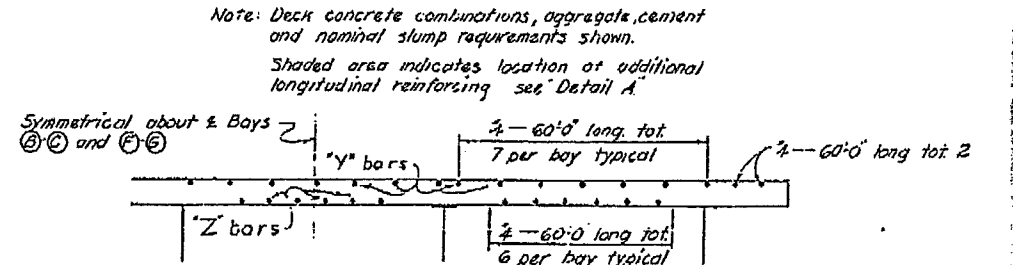
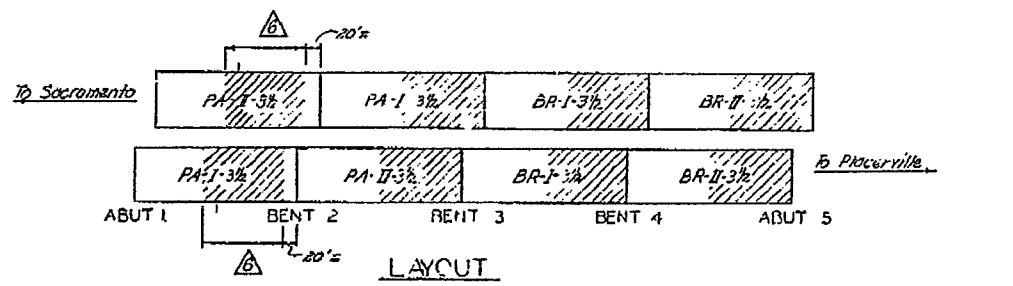
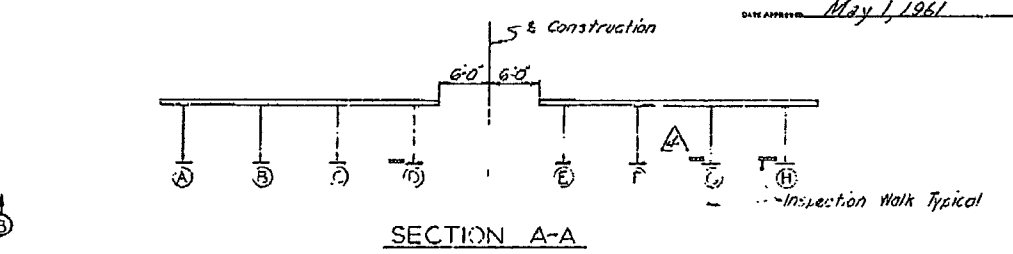
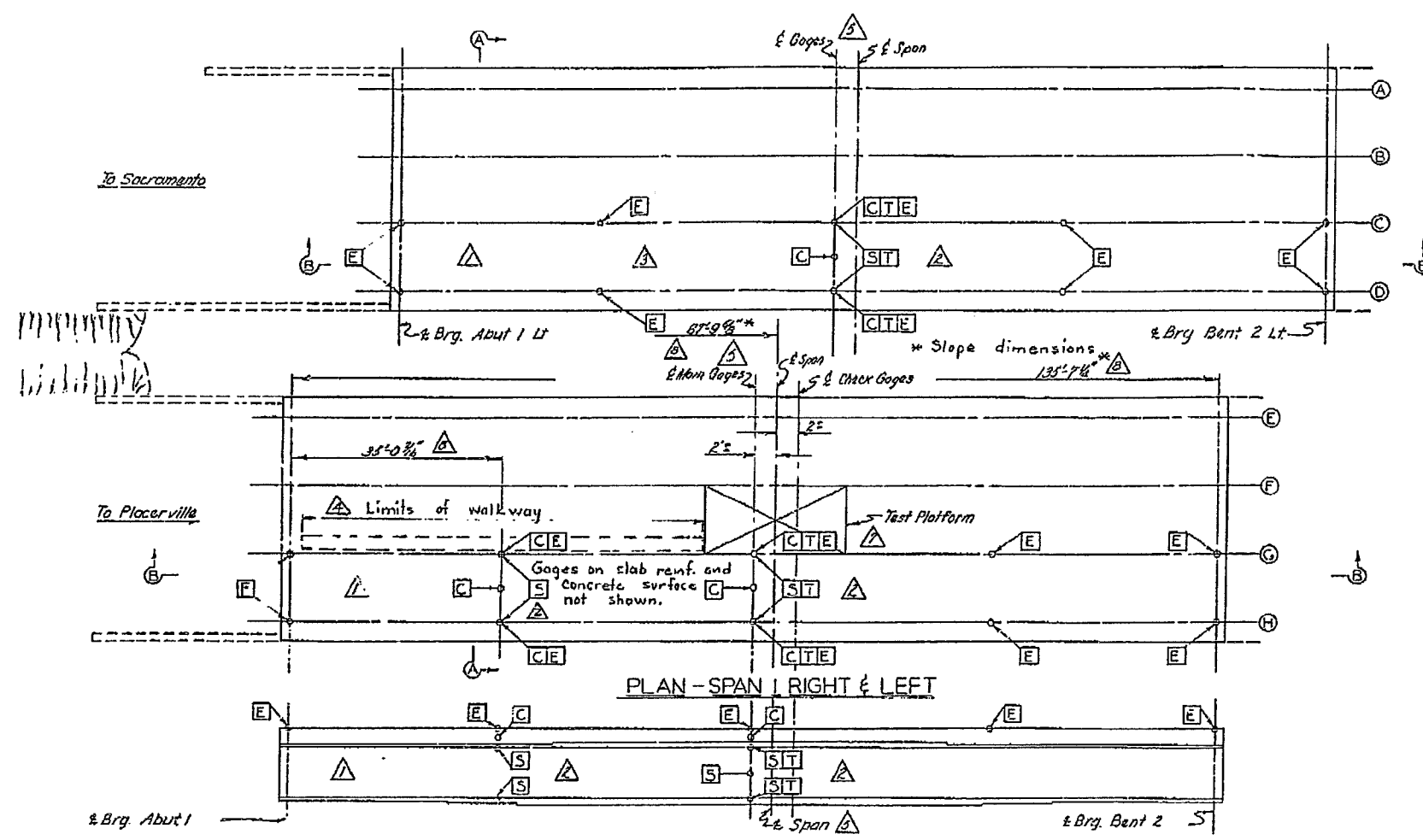
|   |   |
|---|---|
| STATE OF CALIFORNIA<br>DEPARTMENT OF PUBLIC WORKS<br>DIVISION OF HIGHWAYS |   |
| WEBBER CREEK BRIDGE   |   |
| TYPICAL SECTION   |   |
| SCALE: As Shown   | BRIDGE 25-05 B <sub>2</sub> FILE DRAWING C-7159-6 |

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE: 1-17-72 SIGNATURE: [Signature] TITLE: [Title]

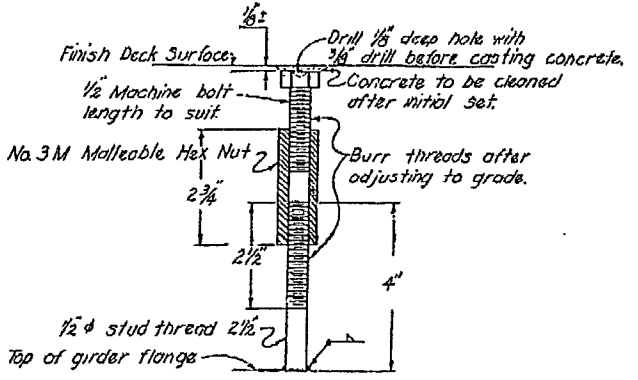


| Dist. | Count | Revised | Reason | By | Date |
|-------|-------|---------|--------|----|------|
| III   | ED    | 7-11-61 | BRI    | 16 |      |

DATE APPROVED *May 1, 1961*



Note: The gauging shown above applies to spans #1 right and left only. At spans #2, 3 and 4 right and left, Elevation Reference Points will be installed as shown above. Two thermocouples will be placed in each bay C-D and G-H of spans #2, 3 & 4 right and left of locations to be determined by the Engineer.



**AS BUILT PLANS**  
 Contract No. 61-3T13C37  
 Date Completed \_\_\_\_\_  
 Document No. 30001417

- LEGEND**
- Carlson Strain Meter
  - S Two Each SA-4 Strain Gages
  - T Thermocouples
  - E Elevation Reference Point
  - △

| Mark | Date    | DESCRIPTION                             | By  | Chk |
|------|---------|---|-----|-----|
| △    | 6-29-62 | Add Dimensions                          | RCM | PRD |
| △    | 6-29-62 | Add Test Platform                       | RCM | PRD |
| △    | 6-29-62 | Move Layout Point 20" toward Abut. 1    | RCM | PRD |
| △    | 6-29-62 | Add Span, Move Gage & Check Gage        | RCM | PRD |
| △    | 6-29-62 | Add Walkway in Bay F-G Rt. Bridge       | RCM | PRD |
| △    | 6-29-62 | Delete 1/2 Span Gage Sta. Lt. Bridge    | RCM | PPD |
| △    | 6-29-62 | Delete All Whittier Gages               | RCM | PRD |
| △    | 6-29-62 | Delete Gage Sta. @ Abut. 1 on Both Brgs | RCM | PRD |
| Mark | Date    | DESCRIPTION                             | By  | Chk |

**ELEVATION REFERENCE POINT**  
 To be furnished and installed by Contractor

- LEGEND**
- PA - Pleasanton Aggregates
  - BR - Bear River Aggregates
  - I - Type I Cement
  - II - Type II Cement
  - 3 1/2 - Nominal Slump Required

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRICES DATED 6-29-63. IT IS SUBMITTED BY RESIDENT ENGINEER *E.H. Smith* TRACINGS OF RECORD SET NO. DATE: 12-19-63

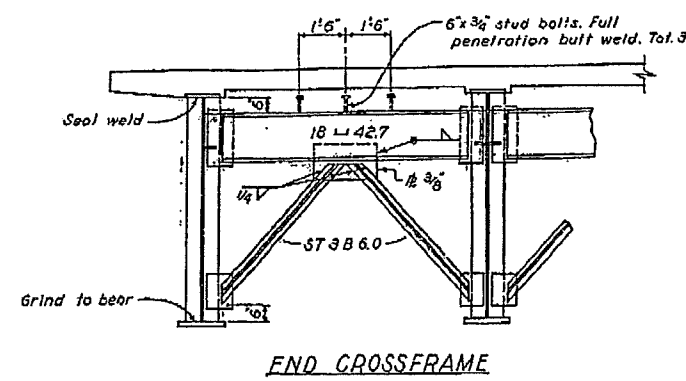
|  |  |   |                   |
|--|--|---|-------------------|
| BRIDGE DEPARTMENT<br><b>DESIGN SECTION 6</b> |  | STATE OF CALIFORNIA<br>DEPARTMENT OF PUBLIC WORKS<br>DIVISION OF HIGHWAYS |                   |
| Section Supervisor <i>John J. ...</i>        |  | <b>WEBBER CREEK BRIDGE</b>  |                   |
| DESIGN BY <i>A. J. ...</i>                   |  | <b>TEST DETAILS</b>   |                   |
| DETAILS BY <i>J.L.W.</i> 3-61                |  | SCALE No Scale  | BRIDGE 25-05 FILE |
| QUANTITIES BY <i>...</i>                     |  | DRAWING <b>507159-2</b>   |                   |
| PRELIMINARY DRAWING BY <i>...</i>            |  | REVISION DATES  |                   |
| P- 7159                                      |  | 20 21 23  |                   |

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE *1-17-72* SIGNATURE *James E. ...* TITLE *...*

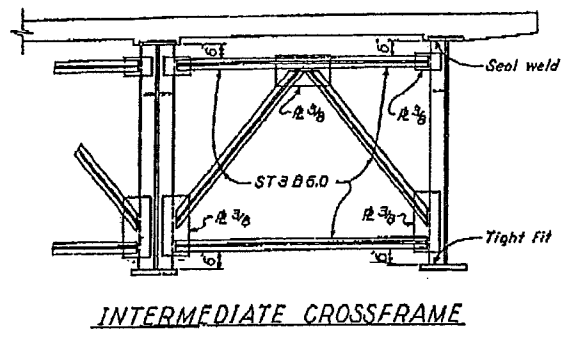


| DATE   | COUNTY | SHAPE | SECTION | NO. | TOTAL SHEETS |
|--------|--------|-------|---------|-----|--------------|
| III ED | III    | 6     | 9       | 12  |              |

DATE: May 1, 1951

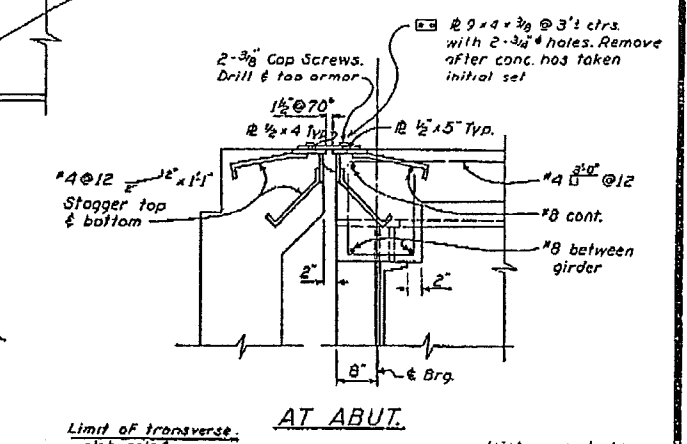
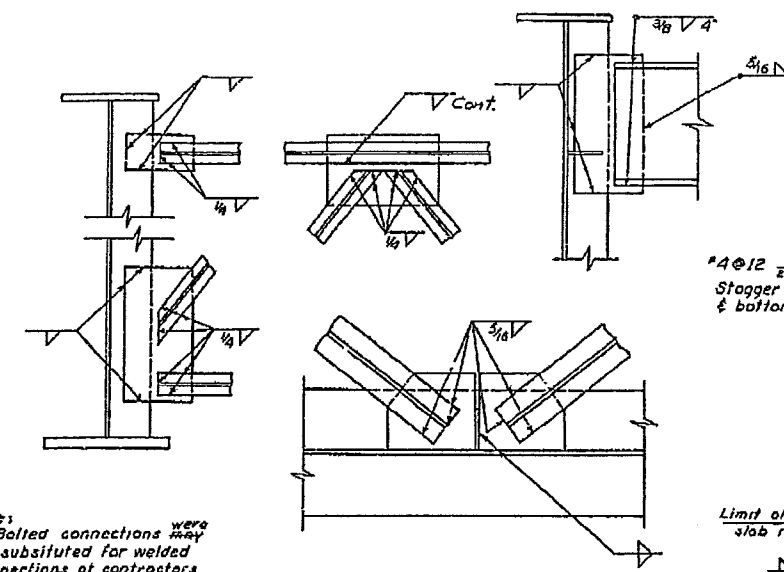


END CROSSFRAME

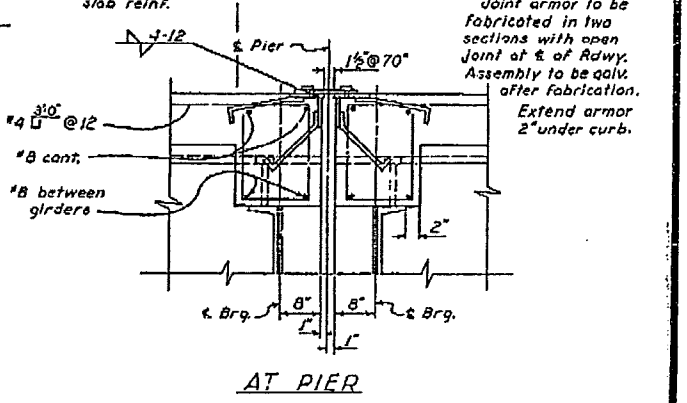


INTERMEDIATE CROSSFRAME

CROSSFRAME  
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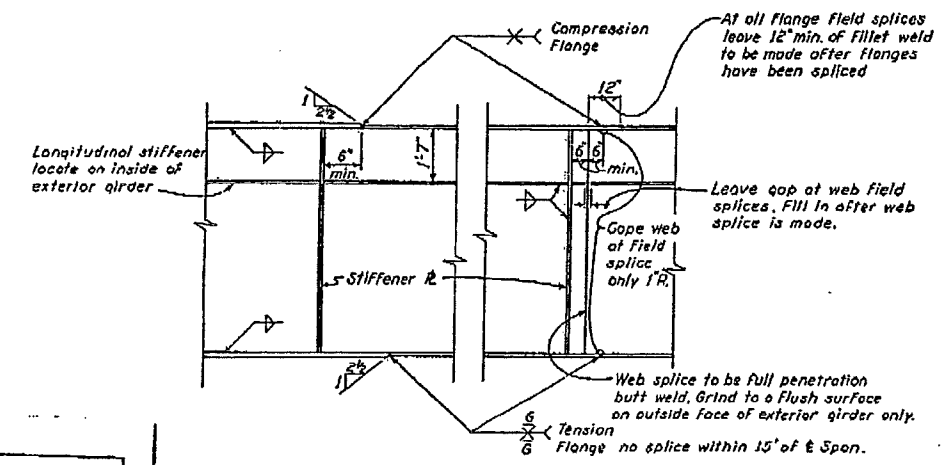


AT ABUT.

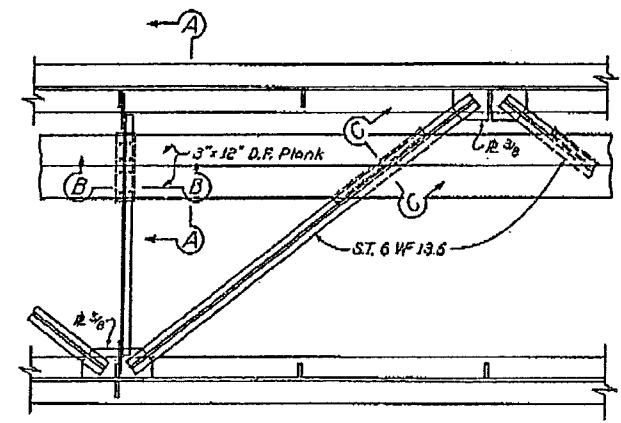


AT PIER

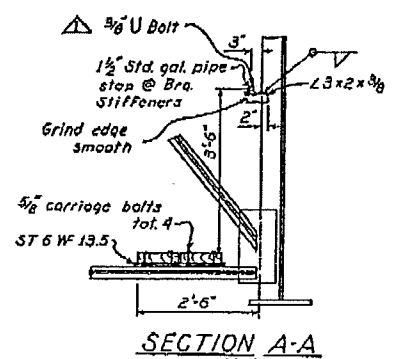
EXPANSION JOINT  
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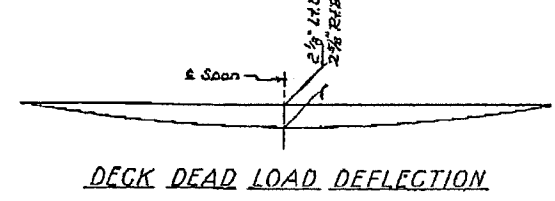
SPICE DETAILS  
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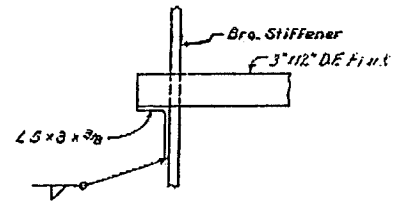
LATERAL BRACING  
Scale: 3/8" = 1'-0"



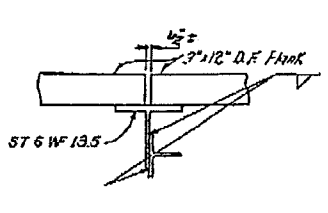
SECTION A-A  
Scale: 1 1/2" = 1'-0"



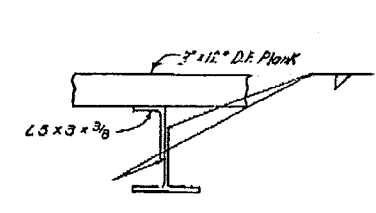
DECK DEAD LOAD DEFLECTION



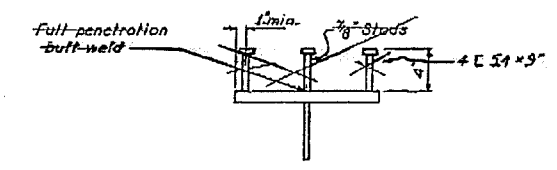
SECTION B-B  
@ Brq.  
Scale: 1 1/2" = 1'-0"



SECTION B-B  
Scale: 1 1/2" = 1'-0"

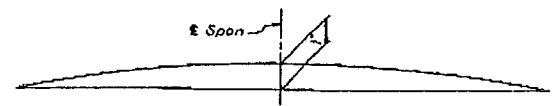


SECTION C-C  
Scale: 1 1/2" = 1'-0"



SHEAR CONNECTOR  
Scale: 1 1/2" = 1'-0"

AS BUILT PLANS  
Contract No. 44-37-136-37  
Date Completed  
Document No. 3000 1517



SHOP CAMBER DIAGRAM

Note: Catwalk and handrail extend from end to end of steel girders in right hand bay of each bridge.

| NO. | DATE    | DESCRIPTION | BY |
|-----|---------|-------------|----|
| 1   | 5-15-51 | 3/8 U Bolt  | EK |

|                             |           |                           |          |    |           |
|-----------------------------|-----------|---------------------------|----------|----|-----------|
| BRIDGE DEPARTMENT           |           | DESIGN SECTION            |          | 6  |           |
| Project Designer: H. J. ... |           | Chief Designer: H. J. ... |          |    |           |
| DETAILS                     | W. J. ... | DATE                      | 10-20-50 | BY | H. J. ... |
| QUANTITIES                  | J. O. ... | DATE                      | 1-21-51  | BY | H. J. ... |
| SPECIFICATIONS              | W. J. ... | DATE                      |          | BY | H. J. ... |

|   |                   |
|---|-------------------|
| STATE OF CALIFORNIA<br>DEPARTMENT OF PUBLIC WORKS<br>DIVISION OF HIGHWAYS |                   |
| WEBBER CREEK BRIDGE   |                   |
| STEEL DETAILS   |                   |
| SCALE: As Noted   | BRIDGE 25-05 2/1  |
| FILE  | DRAWING SC-7159-1 |

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 1-12-52 SIGNATURE [Signature]

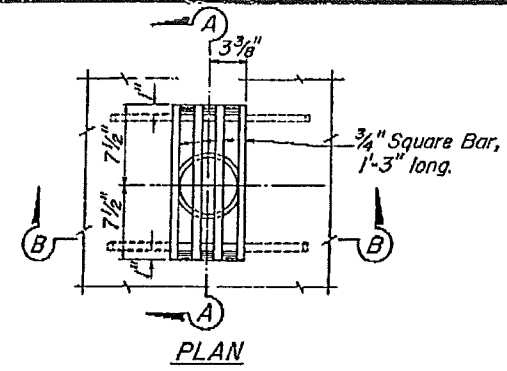
|      |         |    |        |
|------|---------|----|--------|
| REV. | DATE    | BY | REASON |
| 1    | 11-1-60 | ED | 1/2    |

May 1, 1961

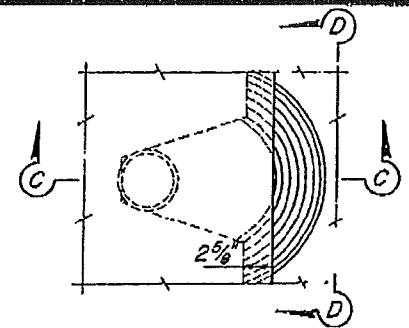
**GENERAL NOTES**

Specifications:  
 Design: A.A.S.H.O. dated 1957 with revisions and as supplemented by Bridge Planning and Design Manual.  
 Construction: Standard Specifications, Division of Highways, dated January 1960 and the Special Provisions.  
 Live Loading: H20-S16-44 and alternative. HS Truck  
 Unit Stresses:  
 Reinforced Concrete:  
 $f_s = 20,000$  p.s.i. Grade 40  
 $n = 10$   
 $f'_c = 1,200$  p.s.i.  $f'_c = 3,000$   
 Structural Steel:  
 $f_s = 18,000$  p.s.i.  
 Footing Pressure: 2.0 to 2.5 tons p.s.f. 3 ft. ±  
 Pile Loading: 5.0 to 5.5 tons p.s.f. 3 ft. ± Piers

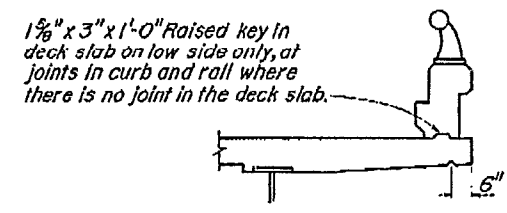
This is also what existing bridge used.



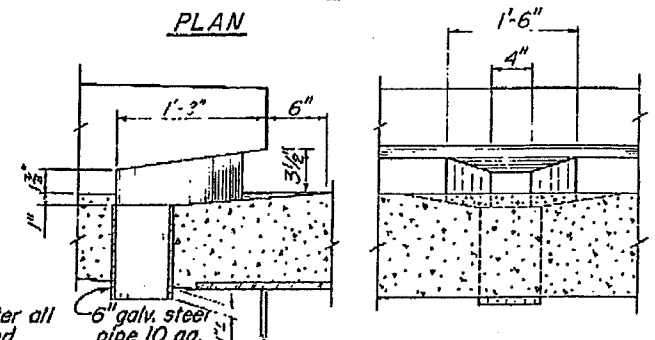
PLAN



PLAN



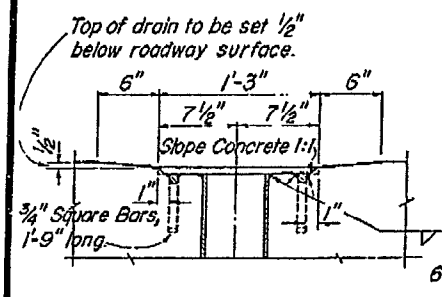
1 5/8" x 3" x 1'-0" Raised key in deck slab on low side only, at joints in curb and rail where there is no joint in the deck slab.



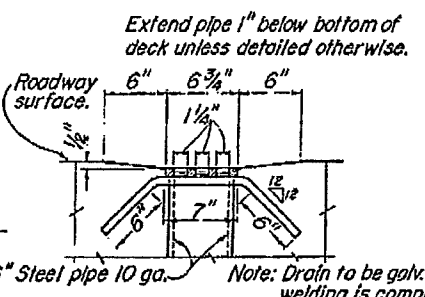
SECTION C-C

SECTION D-D

**CURB AND SIDEWALK EXPANSION JOINT DETAIL C-1**



SECTION A-A  
DRAIN DETAIL-TYPE "A"



SECTION B-B  
DRAIN DETAIL-TYPE "B"

SECTION C-C  
DRAIN DETAIL-TYPE "B"

Top of drain to be set 1/2" below roadway surface.

Extend pipe 1" below bottom of deck unless detailed otherwise.

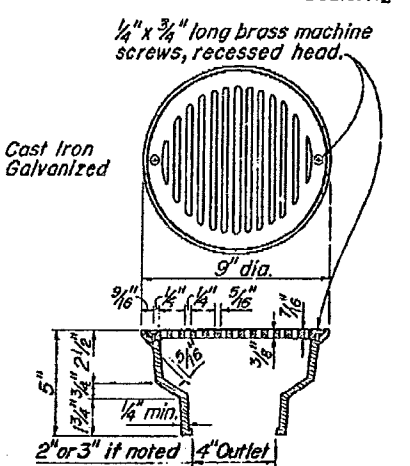
Roadway surface.

Note: Drain to be galv. after all welding is completed.

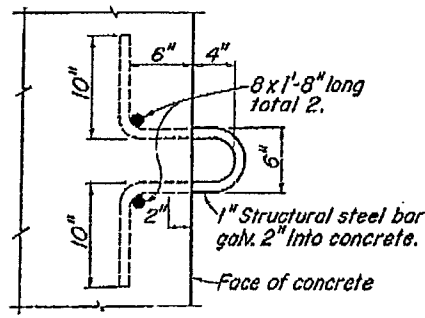
1 5/8" x 6" x 1'-0" Raised key in deck slab on low side only, at joints in curb and rail where there is no joint in the deck slab.

Required Scale: 1 1/2" = 1'-0"

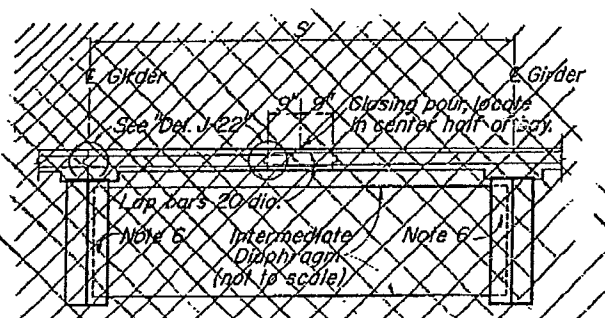
Required Scale: None



AREA DRAIN



RIGGING ANCHOR FOR PAINTING SCAFFOLD RIGGING



**DECK PLACING NOTES**

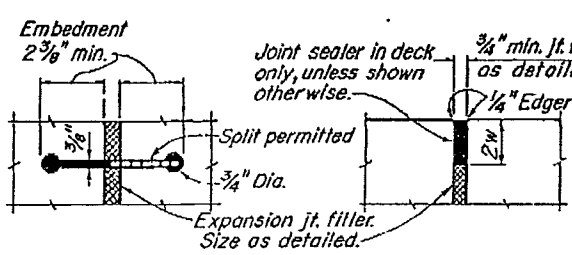
1. Contractor shall submit deck placing schedule for approval by the Engineer.
2. In general, transverse construction joints will not be permitted.
3. When a longitudinal joint is used for spans greater than 100', the Contractor shall provide for a 1'-6" closing pour located within the center half of the bay between girders. For shorter spans a single joint may be located over the top of girder nearest the edge of a traffic lane.
4. Where closing pour is required, the girders supporting the portion of deck being placed shall be free to deflect under superimposed load and there shall be no interconnection of forms or bracing with girder on other side of closing pour.
5. The closing pour shall not be placed until the adjacent slabs have been in place for three days.
6. Final connection of the intermediate diaphragms below the closing pour shall not be permitted until the deck slabs have been placed on both sides of the closing pour.
7. Reinforcing shall be continuous through all construction joints.

**LONGITUDINAL CONSTRUCTION JOINTS**

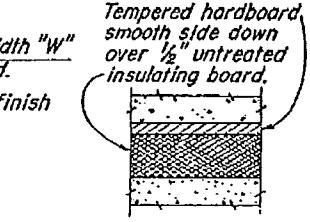
THIS DETAIL DOES NOT APPLY

AS BUILT PLANS  
 Contract No. 25-05-1422  
 Date Completed 12-12-63

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" TRINITY DATED 9-30-63 AS SUNKLITZED BY RESIDENT ENGINEER R. N. Bunch SACRAMENTO CORRECTED BY 20 DATE 12-12-63



RUBBER WATERSTOP SEALED EXPANSION JOINT DETAIL W-1



SEALED EXPANSION JOINT DETAIL L-1

DETAIL M-1

|                   |                |  |
|-------------------|----------------|--|
| BRIDGE DEPARTMENT | DESIGN SECTION | 9/60   |
| Supervisor        | H. J. ...      | STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS      |
| DESIGN            | E. ...         | WEBBER CREEK BRIDGE  |
| DETAILS           | C. ... 12-60   | STANDARD DETAILS NO. 2 (STEEL GIRDER)                                    |
| QUANTITIES        | S. ... 2-61    | As noted or none SCALE BRIDGE 25-05-1422 FILE XS-16-52 DRAWING G-7159-10 |

|                   |                |  |
|-------------------|----------------|--|
| BRIDGE DEPARTMENT | DESIGN SECTION | 9/60   |
| Supervisor        | H. J. ...      | STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS      |
| DESIGN            | E. ...         | WEBBER CREEK BRIDGE  |
| DETAILS           | C. ... 12-60   | STANDARD DETAILS NO. 2 (STEEL GIRDER)                                    |
| QUANTITIES        | S. ... 2-61    | As noted or none SCALE BRIDGE 25-05-1422 FILE XS-16-52 DRAWING G-7159-10 |

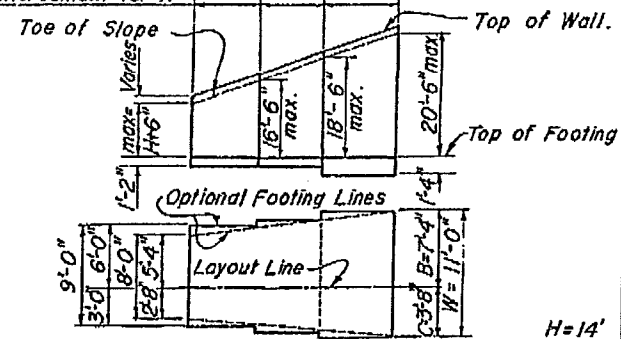
PREL. DRAWING No. P- 7159 13 2/16

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 11-22 SIGNATURE [Signature] TITLE [Title]

vised 9-24-58  
 dated Note  
 v. Location  
 Key. 5 20-58 5  
 Section Reinf.  
 voved. 10-21-58 JMS  
 igned note of top  
 Spread Pile Sec.  
 1-6-31-60  
 visions in table  
 .60 JTT

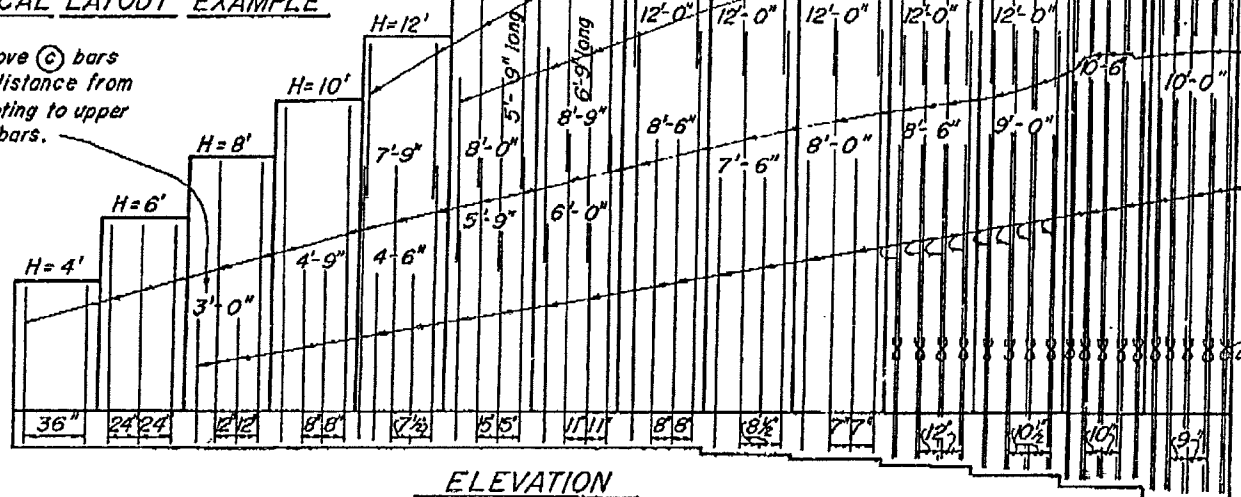
Note:  
 Bar cut-offs may be varied in  
 increments of 6".

Use Reinforcement for H = 16' 18' 20'



TYPICAL LAYOUT EXAMPLE

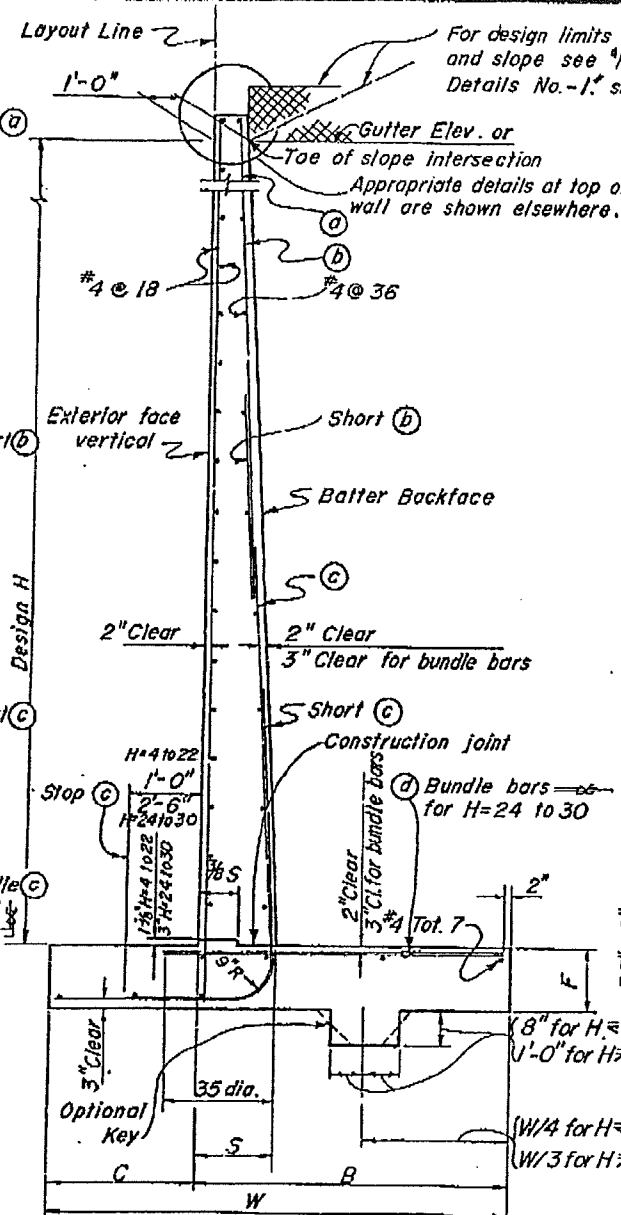
Number above © bars  
 indicates distance from  
 top of footing to upper  
 end of © bars.



ELEVATION

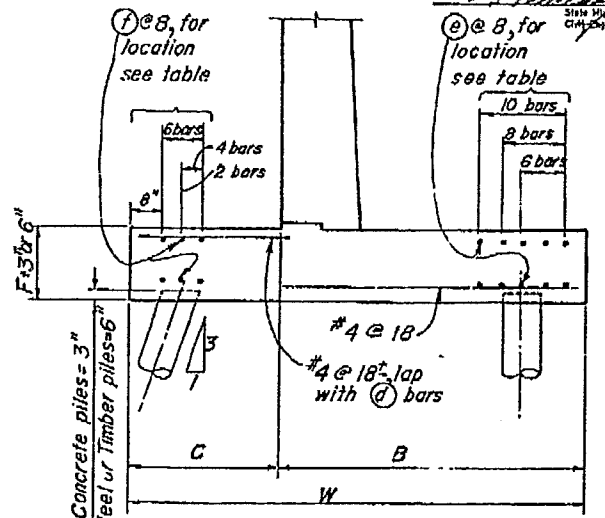
| TABLE OF REINFORCING STEEL DIMENSIONS AND DATA |        |        |        |        |         |        |        |        |          |        |        |           |
|--|--------|--------|--------|--------|---------|--------|--------|--------|----------|--------|--------|-----------|
| Design H                                       | 4'     | 6'     | 8'     | 10'    | 12'     | 14'    | 16'    | 18'    | 20'      | 22'    | 24'    | 30'       |
| W  | 3'-2"  | 4'-2"  | 5'-2"  | 6'-2"  | 7'-2"   | 8'-0"  | 9'-0"  | 10'-0" | 11'-0"   | 12'-0" | 13'-3" | 16'-3"    |
| C  | 1'-0"  | 1'-4"  | 1'-8"  | 2'-0"  | 2'-4"   | 2'-8"  | 3'-0"  | 3'-4"  | 3'-8"    | 4'-0"  | 4'-5"  | 5'-5"     |
| B  | 2'-2"  | 2'-10" | 3'-6"  | 4'-2"  | 4'-10"  | 5'-4"  | 6'-0"  | 6'-8"  | 7'-4"    | 8'-0"  | 8'-10" | 10'-10"   |
| F Spread Ftg.                                  | 1'-2"  | 1'-2"  | 1'-2"  | 1'-2"  | 1'-2"   | 1'-2"  | 1'-2"  | 1'-2"  | 1'-4"    | 1'-6"  | 1'-11" | 2'-4"     |
| F+3" Conc. Pile                                | 1'-5"  | 1'-5"  | 1'-5"  | 1'-5"  | 1'-5"   | 1'-5"  | 1'-5"  | 1'-5"  | 1'-7"    | 1'-9"  | 1'-11" | 2'-7"     |
| F+6" Sil. or Imr. p.                           | 1'-8"  | 1'-8"  | 1'-8"  | 1'-8"  | 1'-8"   | 1'-8"  | 1'-8"  | 1'-8"  | 1'-10"   | 2'-0"  | 2'-5"  | 3'-10"    |
| S  | 1'-2"  | 1'-3"  | 1'-4"  | 1'-5"  | 1'-6"   | 1'-7"  | 1'-8"  | 1'-9"  | 1'-10"   | 1'-11" | 2'-3"  | 3'-2 1/4" |
| Batter   | 1/2:12 | 1/2:12 | 1/2:12 | 1/2:12 | 1/2:12  | 1/2:12 | 1/2:12 | 1/2:12 | 1/2:12   | 1/2:12 | 1/2:12 | 1/2:12    |
| © bars   |        |        |        |        | 5@30    | 5@15   | 5@11   | 6@24   | 7@17     | 7@14   | 8@12   | 9@10      |
| © bars   | 5@36   | 5@24   | 5@12   | 5@8    | 6@7 1/2 | 10@15  | 10@11  | 10@8   | 11@8 1/2 | 11@7   | 11@12  | 11@10     |
| © bars   | 5@36   | 5@24   | 4@12   | 4@8    | 5@7 1/2 | 9@15   | 9@11   | 9@8    | 10@8 1/2 | 10@7   | 10@12  | 9@10      |
| Total © bars                                   | 6-#6   | 6-#6   | 6-#6   | 10-#7  | 10-#7   | 10-#7  | 10-#7  | 8-#7   | 8-#7     | 8-#7   | 4-#7   | 4-#7      |
| Total © bars                                   |        |        |        | 6-#7   | 6-#7    | 6-#7   | 6-#7   | 4-#7   | 4-#7     | 4-#7   | 2-#7   | 2-#7      |
| H Comp. pounds                                 | 850    | 1440   | 2170   | 3050   | 4070    | 5240   | 6540   | 8000   | 9730     | 11630  | 13730  | 15950     |
| V Comp. pounds                                 | 2020   | 3460   | 5230   | 7340   | 9760    | 12180  | 15260  | 18670  | 22690    | 27070  | 31750  | 36870     |
| e feet   | .50    | .60    | .79    | .94    | 1.07    | 1.28   | 1.41   | 1.54   | 1.72     | 1.90   | 2.08   | 2.25      |
| Toe Pressure P.S.F.                            | 1240   | 1570   | 1930   | 2270   | 2640    | 2980   | 3290   | 3590   | 4000     | 4480   | 4640   | 5040      |
| Spread Steel lbs./ft.                          | 14     | 20     | 28     | 39     | 56      | 84     | 108    | 169    | 206      | 259    | 328    | 393       |
| Footing Conc. CF/ft.                           | 8.9    | 12.6   | 16.3   | 20.2   | 24.3    | 29.5   | 33.8   | 38.5   | 45.0     | 52.1   | 63.1   | 73.0      |
| Conc. Steel lbs./ft.                           | 2.4    | 31     | 39     | 74     | 92      | 120    | 144    | 198    | 236      | 289    | 348    | 413       |
| pile ftg. Conc. CF/ft.                         | 8.8    | 12.8   | 16.7   | 20.8   | 25.2    | 29.5   | 34.1   | 39.0   | 45.8     | 53.1   | 64.4   | 74.6      |

Denotes a bundle of 2 bars.

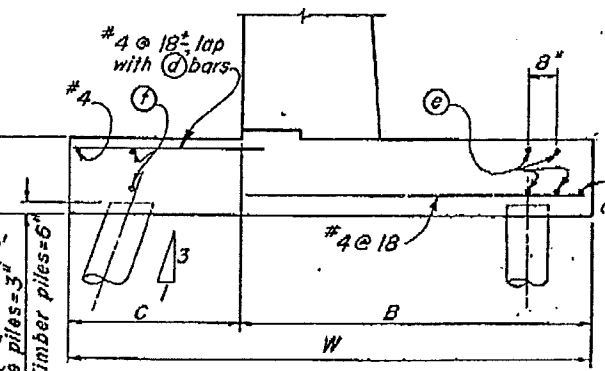


SPREAD FOOTING SECTION

Note:  
 For details not shown and drainage notes  
 see "Retaining Wall Details No. 1."



PILE FOOTING SECTION  
 H= 4 Thru H= 22



PILE FOOTING SECTION  
 H= 24 Thru H=30

Note:  
 Reinforcement detailed is to be placed  
 in addition to that shown for spread  
 footing. All piles not shown, see Pile  
 Layout on other sheets.

© For pile footing Design H= 4' use  
 same footing dimensions as  
 Design H= 6'

THIS SET OF PLANS HAS BEEN CORRECTED TO  
 CORRESPOND TO THE "AS BUILT" PRINTS DATED  
 8-30-63 AS SUBMITTED BY RESIDENT  
 ENGINEER R. N. BROWN  
 TRACINGS CORRECTED BY J. K. DATE: 12-17-63

AS BUILT PLANS  
 Contract No. 61-3773C37  
 Date Completed  
 Document No. 3000/L117

80

|                                   |  |                                    |  |   |  |
|-----------------------------------|--|------------------------------------|--|---|--|
| BRIDGE DEPARTMENT                 |  | DESIGN SECTION                     |  | 9/60  |  |
| Project Designer: <i>R. Brown</i> |  | Chief Designer: <i>H. J. Brown</i> |  | STATE OF CALIFORNIA<br>DEPARTMENT OF PUBLIC WORKS<br>DIVISION OF HIGHWAYS |  |
| DRAWN BY: <i>R. Brown</i>         |  |                                    |  | WEBBER CREEK BRIDGE   |  |
| DETAILS BY: <i>E. Hotschman</i>   |  |                                    |  | TYPE I, CANTILEVER RETAINING WALL   |  |
| QUANTITIES BY: <i>R. Brown</i>    |  |                                    |  | SCALE: NONE   |  |
| SPECIFICATIONS BY: <i>J. K.</i>   |  |                                    |  | BRIDGE 25-05 P/L  |  |
| APPROVED BY: <i>J. K.</i>         |  |                                    |  | FILE: X8 3-46   |  |
| PREL. DRAWING NO. P. 7159         |  |                                    |  | DRAWING C-7159-11   |  |

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN  
 UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO  
 AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

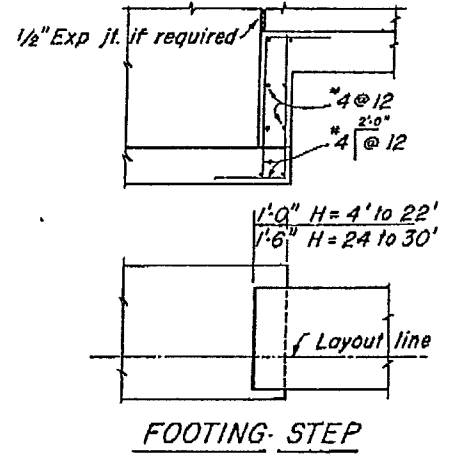
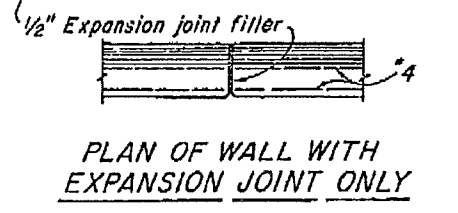
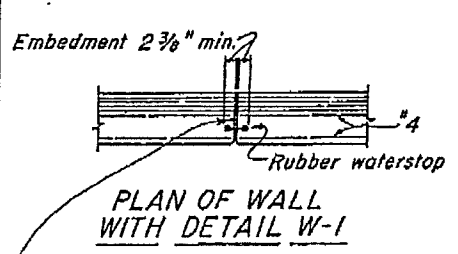
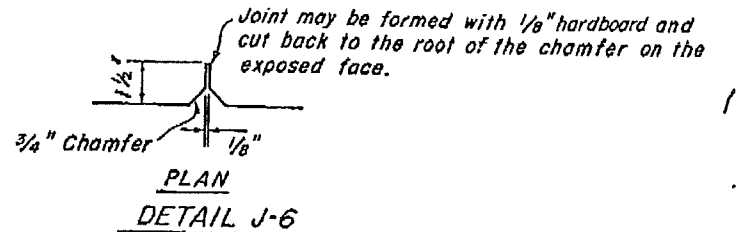
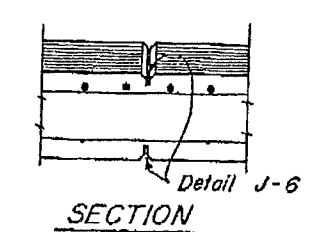
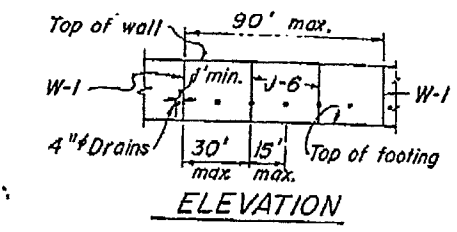
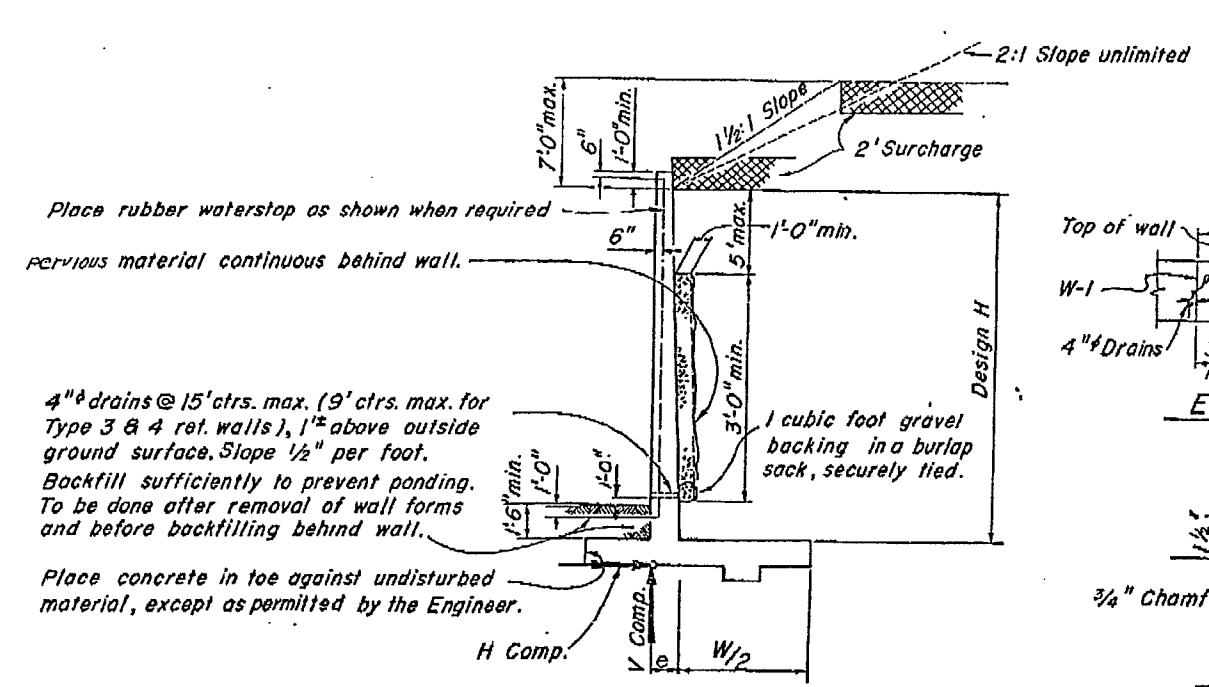
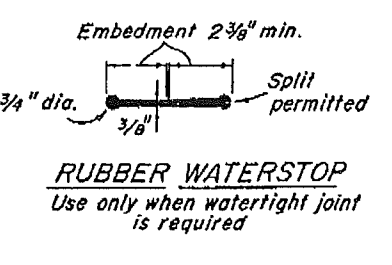
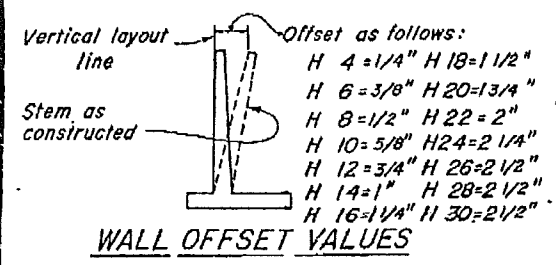
DATE: 12-22-63 SIGNATURE: *J. K.* TITLE:

Revision: Offset Value, correct 9-58  
 Revision: Optional Type Key, 9-58 B  
 for Mod. note in Design Change Def. U.10-59 J.T.J.

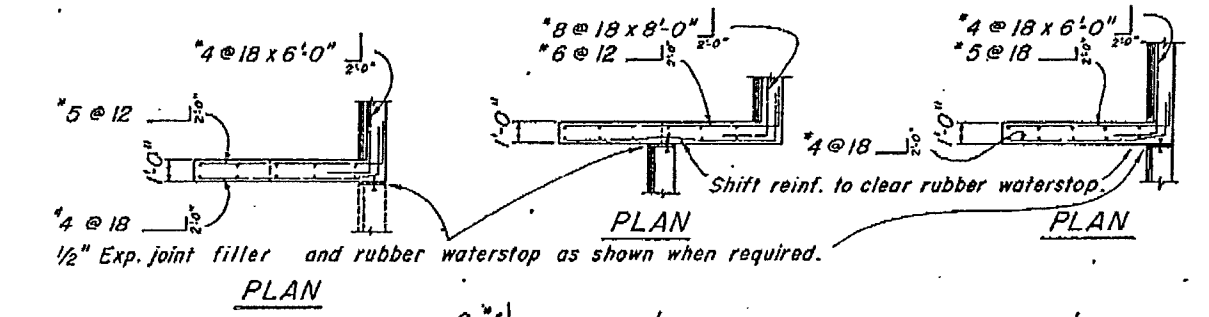
To Accompany Plans Dated May 1, 1961

|           |         |          |              |           |              |
|-----------|---------|----------|--------------|-----------|--------------|
| Drawn     | Checked | Approved | Scale        | Sheet No. | Total Sheets |
| W. J. ... | ...     | ...      | 1/2" = 1'-0" | 15        | 18           |

August 8, 1958  
 State Highway Engineer  
 Civil Engineer License No. 2084



**DESIGN AND DRAINAGE**  
 Surcharge limits shown apply to Retaining walls Type 1 and 3.



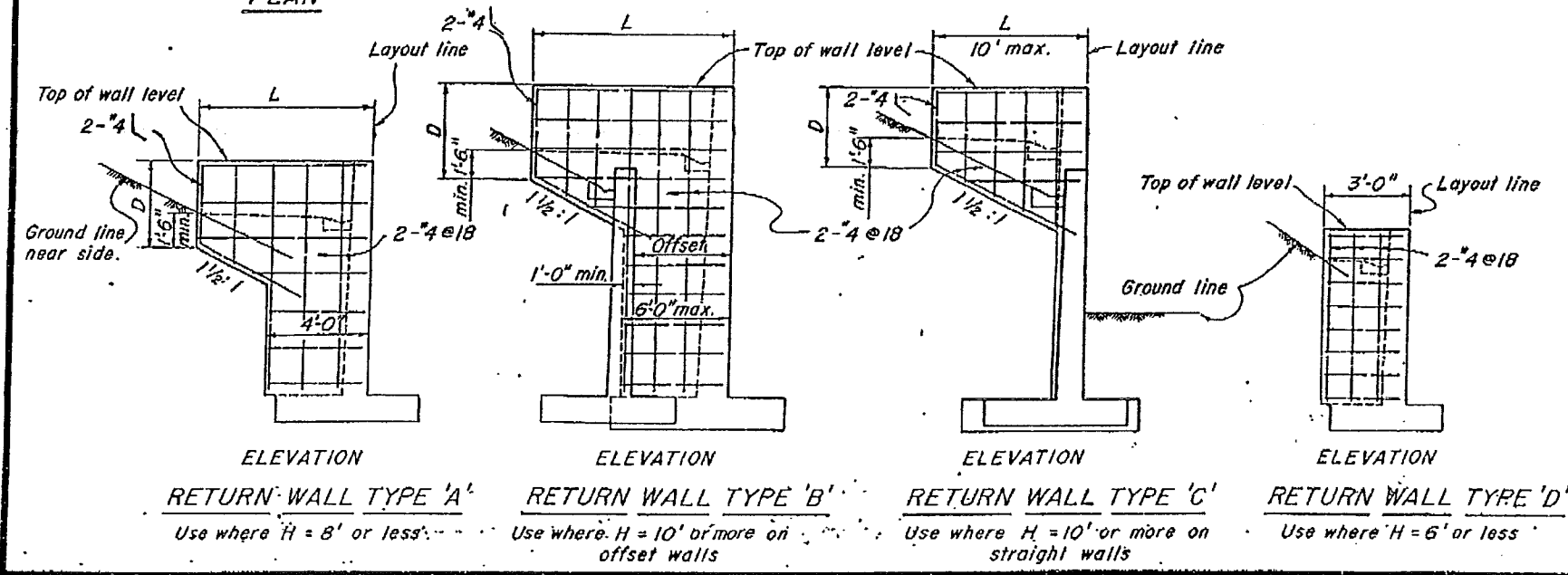
**AS BUILT PLANS**  
 Contract No. 61-3713C37  
 Date Completed \_\_\_\_\_  
 Document No. 30001417

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 8-30-63 AS SUBMITTED BY RESIDENT ENGINEER R. L. BISHOP. CORRECTIONS MADE BY: J. B. DATE: 12-19-63

**NOTES**

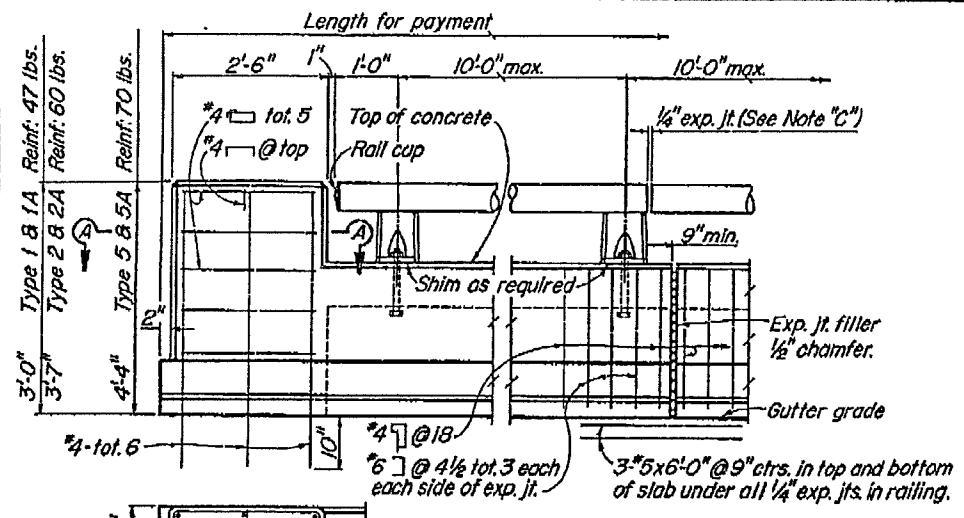
**Design Conditions:**  
 Design H may be exceeded by 6" before going to the next size.  
 Footing key is required except when found unnecessary by the Engineer.  
 Special footing design is required where foundation material is incapable of supporting toe pressure loads listed in table.

**Design Data:**  
 $f_c = 1200 \text{ psi}$   $f'_c = 3000 \text{ psi}$   $f_s = 20,000 \text{ psi}$   $n = 10$  earth = 120 pcf  
 Equivalent fluid pressure = 36 pcf max. for determination of toe pressure.  
 Equivalent fluid pressure = 27 pcf min. for determination of heel pressure.

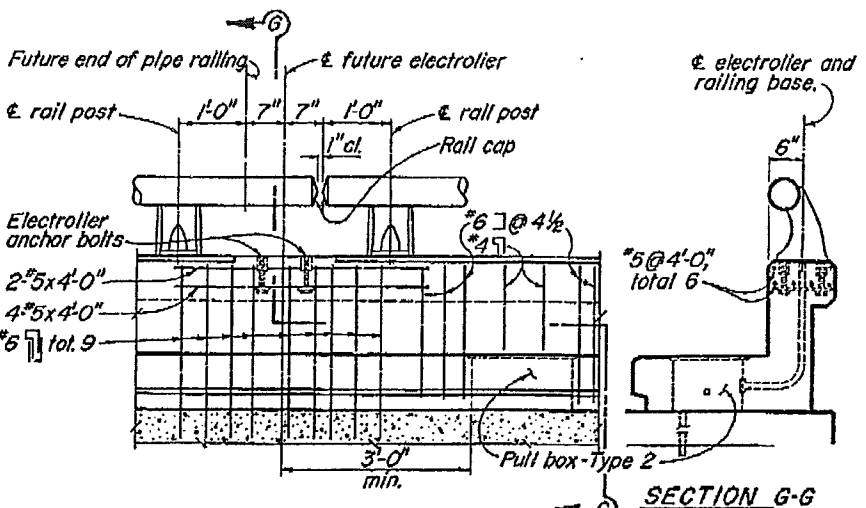


|                                 |  |                                  |  |
|---------------------------------|--|----------------------------------|--|
| BRIDGE DEPARTMENT               |  | STATE OF CALIFORNIA              |  |
| DESIGN SECTION                  |  | DEPARTMENT OF PUBLIC WORKS       |  |
| Project Designer: A. ...        |  | DIVISION OF HIGHWAYS             |  |
| Chief Designer: H. ...          |  | 5/60                             |  |
| DESIGN: W. ...                  |  | WEBBER CREEK BRIDGE              |  |
| DETAILS: W. ...                 |  | RETAINING WALL DETAILS NO. 1     |  |
| QUANTITIES: W. ...              |  | SCALE: BRIDGE 25-05 1/4" = 1'-0" |  |
| SPECIFICATIONS: W. ...          |  | FILE: X53-45                     |  |
| Approved Recommended by: W. ... |  | DRAWING: C-7159-12               |  |
| PREL. DRAWING NO. P-7159        |  | W-1                              |  |

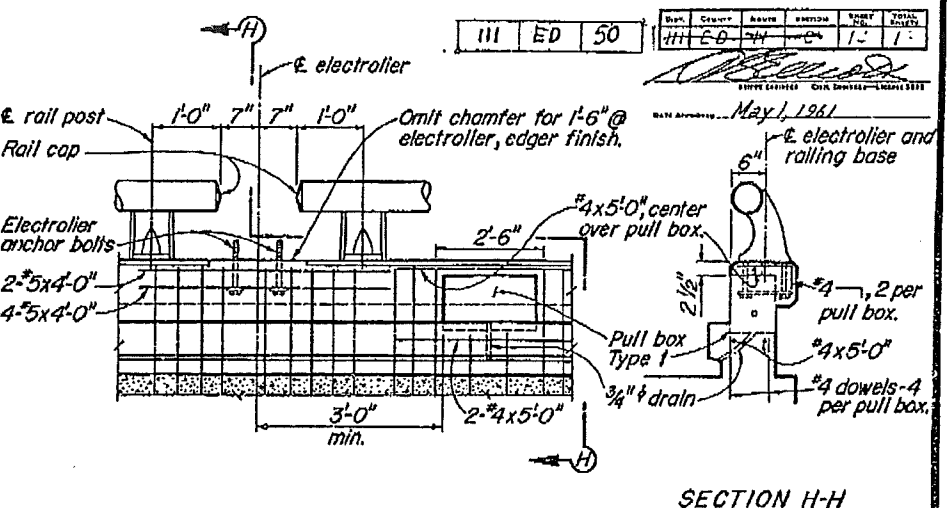
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ TITLE: \_\_\_\_\_



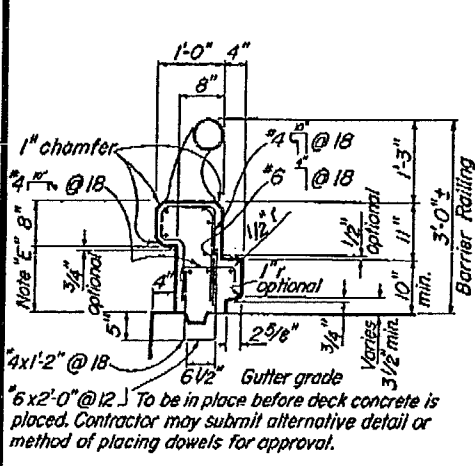
**RAILING AT END POST**  
(SHOWING TYPE 1 CURB)  
SECTION A-A



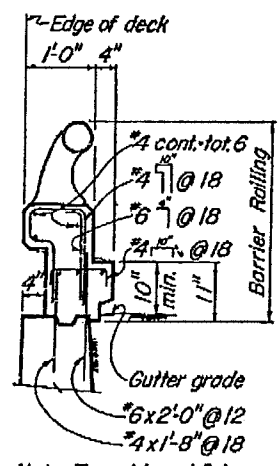
**RAILING CLOSURE AT ELECTROLIER**  
(SHOWING TYPE 2 CURB)  
SECTION G-G



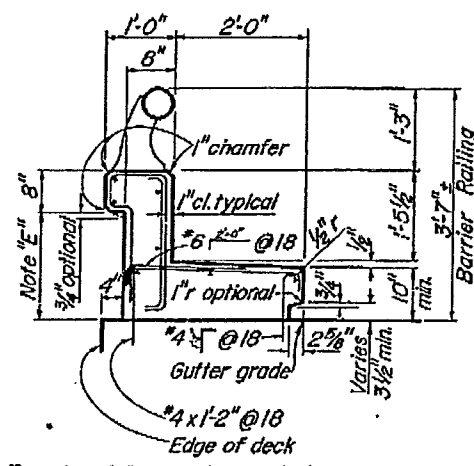
**RAILING AT ELECTROLIER**  
(SHOWING TYPE 1 CURB)  
SECTION H-H



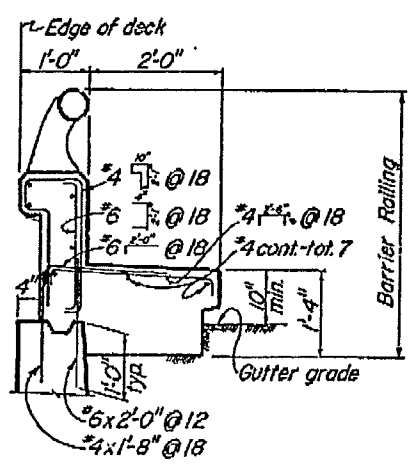
**TYPE 1**  
Conc. 1.61 cu. ft. / lin. ft.  
Reinf. 11.9 lbs. / lin. ft.



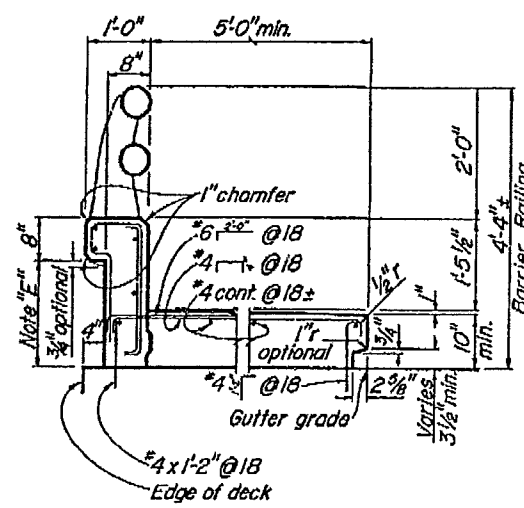
**TYPE 1A**  
Conc. 1.61 cu. ft. / lin. ft.  
Reinf. 12.0 lbs. / lin. ft.



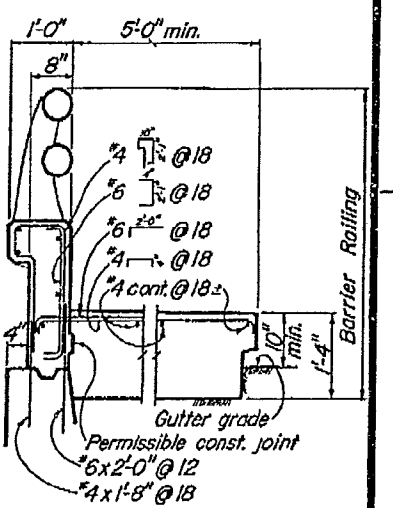
**TYPE 2**  
Conc. 3.43 cu. ft. / lin. ft.  
Reinf. 14.7 lbs. / lin. ft.



**TYPE 2A**  
Conc. 4.30 cu. ft. / lin. ft.  
Reinf. 17.3 lbs. / lin. ft.

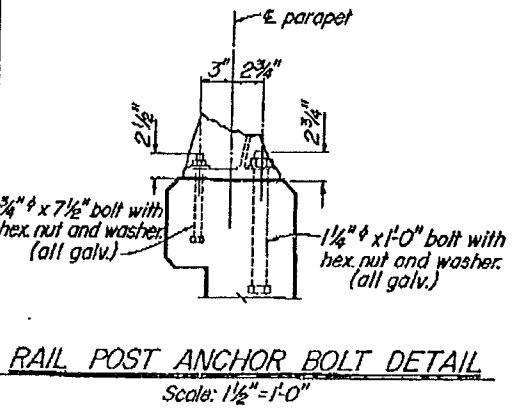


**TYPE 5**  
Conc. 6.10 cu. ft. / lin. ft. For 5'-0" width  
Reinf. 17.2 lbs. / lin. ft.  
Conc. 0.84 cu. ft. / lin. ft. For additional ft. width  
Reinf. 2.1 lbs. / lin. ft.



**TYPE 5A**  
Conc. 8.35 cu. ft. / lin. ft.  
Reinf. 19.7 lbs. / lin. ft.  
Conc. 1.34 cu. ft. / lin. ft.  
Reinf. 2.1 lbs. / lin. ft.

**TYPICAL CURB AND RAIL SECTIONS**



**AS BUILT PLANS**  
Contract No. 61-3713637  
Date Completed \_\_\_\_\_  
Document No. 30001412

- Note: A. Railing shall conform to horizontal and vertical alignment.  
B. Posts shall be normal to railing.  
C. Curb and wall exp. jts. to be located at all deck joints, at  $\epsilon$  piers or bents and at uniform spacing (40' max.) between those specified. Joint size to be 1/4" min. and increased to match deck joints.  
D. Construct 3" deep x 12" wide overflow scupper 2" above deck at low points in grade.  
E. Dimension will vary with cross-slope of deck.  
F. Walls are to be backfilled before railing is placed.  
G. Clearance to reinforcing steel in curb and railing to be 1".

|                                     |       |   |
|-------------------------------------|-------|---|
| BRIDGE DEPARTMENT<br>DESIGN SECTION | 10/60 | STATE OF CALIFORNIA<br>DEPARTMENT OF PUBLIC WORKS<br>DIVISION OF HIGHWAYS |
| Section Supervisor: H. J. Pugh      |       | <b>WEBBER CREEK BRIDGE</b>  |
| DESIGN: H. J. Pugh                  |       | <b>BARRIER RAILING SHEET 1</b>  |
| DETAILS: E. Kolozsian 12-60         |       | Except as noted<br>SCALE 3/4" = 1'-0"                                     |
| QUANTITIES: E. Kolozsian 1-61       |       | BRIDGE 25-05 R/L  |
| Checked: H. E. E. 2-61              |       | FILE XS-9-63<br>DRAWING 6-7159-13   |

SET OF PLANS HAS BEEN CHECKED TO CORRESPOND TO I. AS BUILT PLANS DATED 12-30-63. AS SUBMITTED BY RESIDENT ENGINEER 2-21-64. TRACINGS CORRECTED BY: 12 DATE: 12-19-63

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_

Discard prints bearing earlier numbers

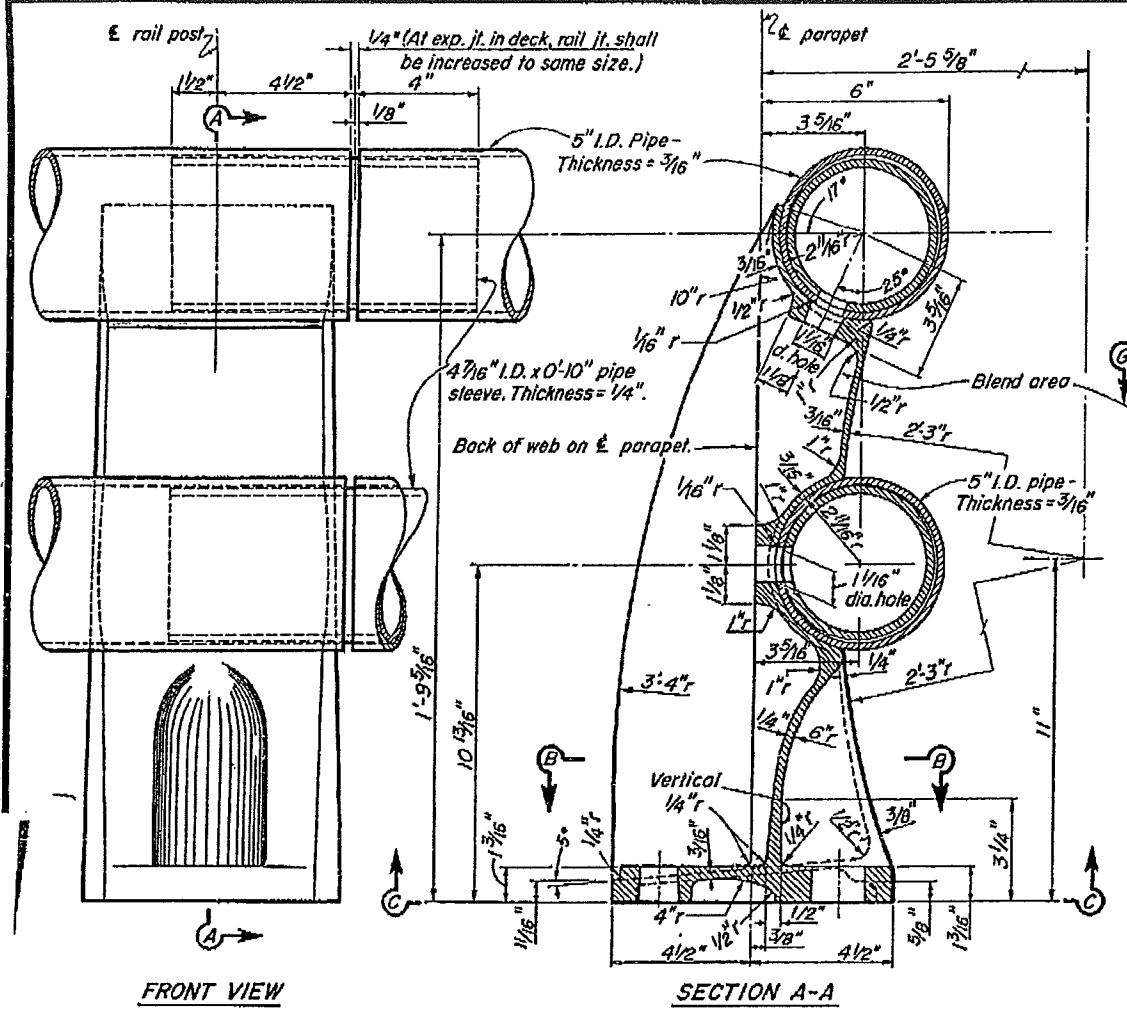
PREL. DRAWING No. P-7159 16

217

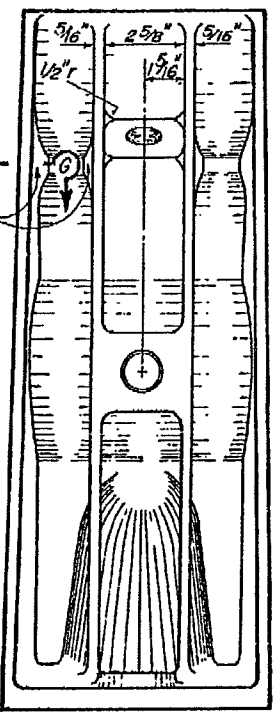
v. - added 1/8" on section A-A & D-D. section A-A long dim. Rail connection detail -60 RFA

| DATE    | COUNT | NAME        | SECTION | SCALE | TOTAL |
|---------|-------|-------------|---------|-------|-------|
| 11-1-60 | 1     | W. J. Payne | 6       | 1/2   | 1/2   |

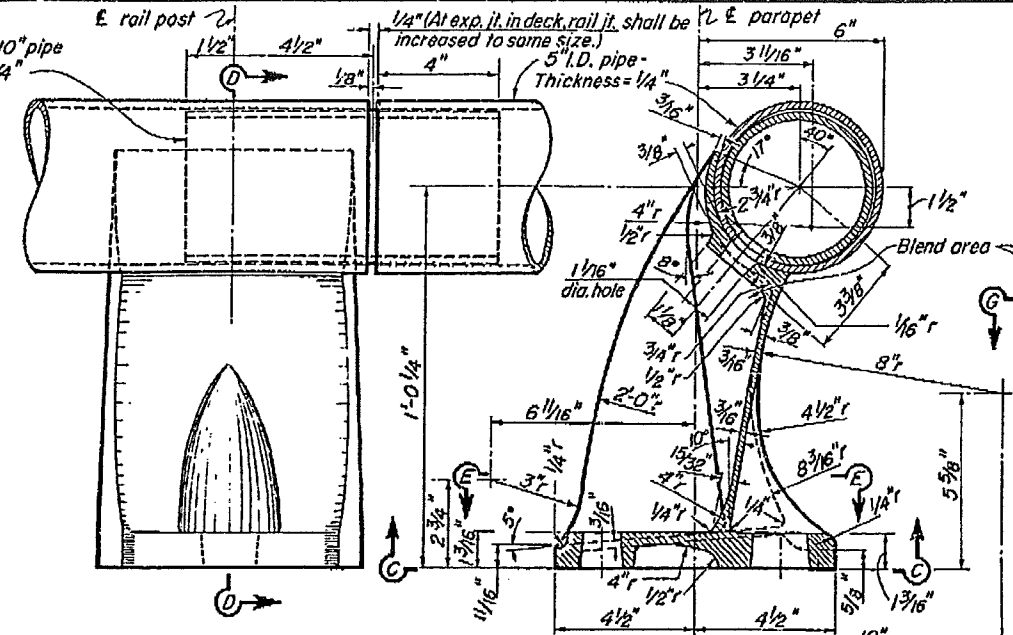
W. J. Payne  
 ENGINEER  
 DATE APPROVED: May 1, 1961



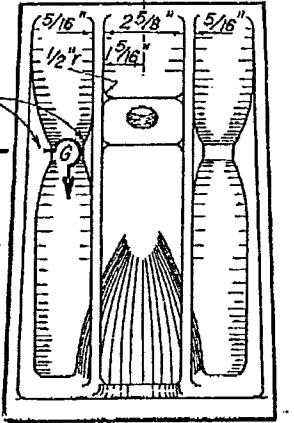
SECTION A-A  
 DOUBLE RAIL POST



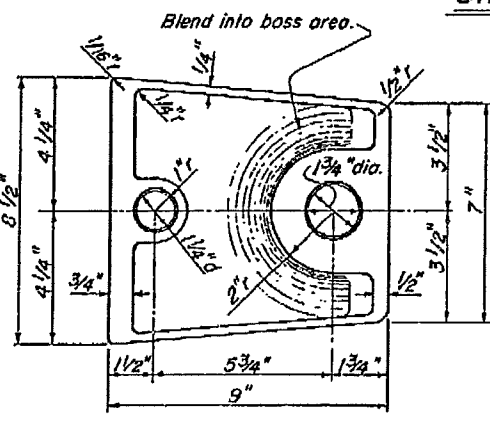
REAR VIEW



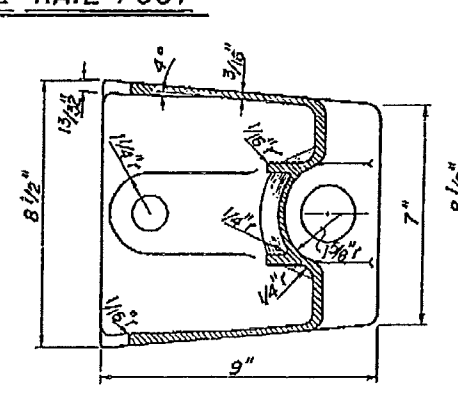
SECTION D-D  
 SINGLE RAIL POST



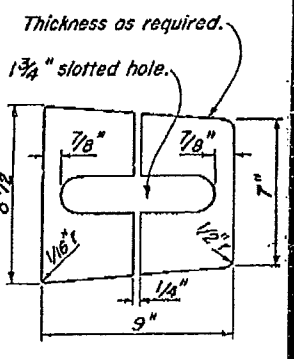
REAR VIEW



SECTION C-C



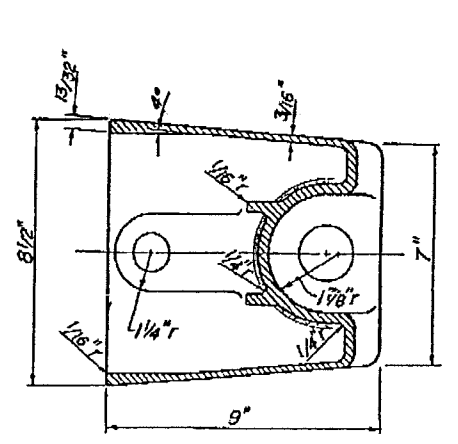
SECTION E-E



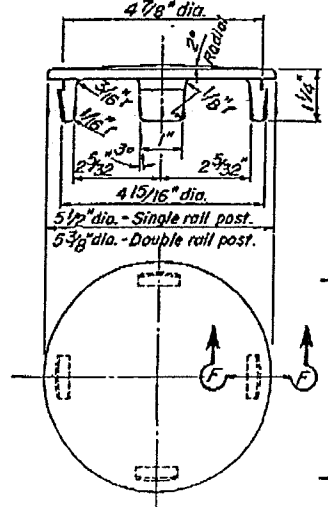
SHIM DETAIL  
 1/4" = 1'-0"

AS BUILT PLANS  
 Contract No. 61-3T/3C-37  
 Date Completed  
 Document No. 3000 1477

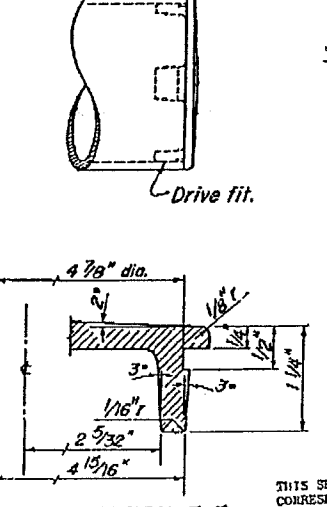
|                  |             |    |         |
|------------------|-------------|----|---------|
| STANDARD DRAWING | DATE        | BY | CHECKED |
| 11-1-60          | W. J. Payne |    |         |
| 11-1-60          | W. J. Payne |    |         |
| 11-1-60          | W. J. Payne |    |         |



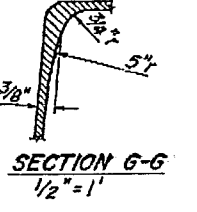
SECTION B-B



RAIL CAP  
 1/2" = 1"

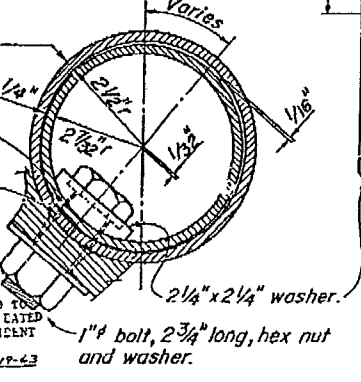


SECTION F-F  
 1" = 1"



SECTION G-G  
 1/2" = 1"

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 2-28-63 AS SUBMITTED BY RESIDENT ENGINEER E. J. Smith. TRACINGS CORRECTED BY: W. J. Payne DATE: 12-17-63



RAIL CONNECTION  
 1/2" = 1"

- Notes:
- At the option of the contractor, material for the railing shall be one of the following:
    - Aluminum pipe rail and cast aluminum post.
    - Steel pipe rail and cast steel post. Rail and posts to be galvanized. Steel pipe rail shall be 3/16 inch thick with 5 inch I.D. Rail post dimensions shall be revised as necessary to fit the steel pipe.
  - Shims are to be of asbestos sheet packing.
  - For railing on a horizontal curve the pipe rail shall be bent to the curve or the spacing of posts adjusted so that the middle ordinate between posts will not exceed 1 inch.

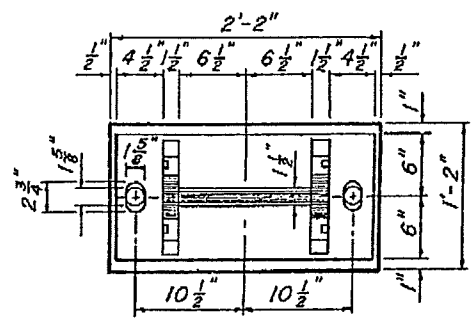
|                                     |  |       |  |   |  |
|-------------------------------------|--|-------|--|---|--|
| BRIDGE DEPARTMENT<br>DESIGN SECTION |  | 11/60 |  | STATE OF CALIFORNIA<br>DEPARTMENT OF PUBLIC WORKS<br>DIVISION OF HIGHWAYS |  |
| Section Supervisor: H. J. Payne     |  |       |  | WEBBER CREEK BRIDGE   |  |
| DESIGN: W. J. Payne                 |  |       |  | BARRIER RAILING SHEET 2   |  |
| DETAILS: W. J. Payne                |  |       |  | Except as noted<br>SCALE 3/8" = 1"  |  |
| QUANTITIES: W. J. Payne             |  |       |  | BRIDGE 25-05 R/L XS-9-71<br>FILE DRAWING C-7159-14                        |  |

83

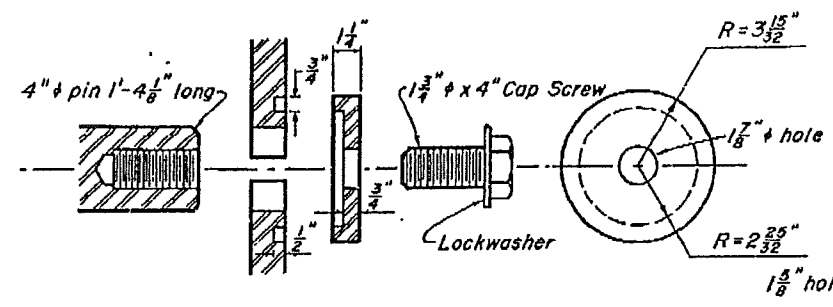
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE: 11-1-60 SIGNATURE: W. J. Payne TITLE: ENGINEER

| NO.   | QUANTITY | UNIT | SECTION | SHEET NO. | TOTAL SHEETS |
|-------|----------|------|---------|-----------|--------------|
| HL 50 | 11       | C    | 12      | 12        |              |

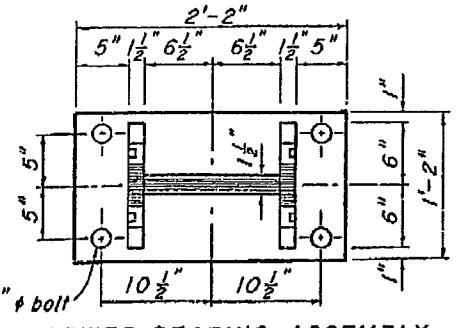
DATE APPROVED: May 1, 1961



LOWER BEARING ASSEMBLY



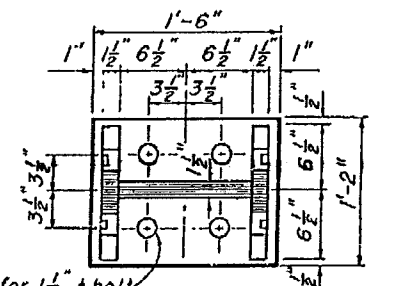
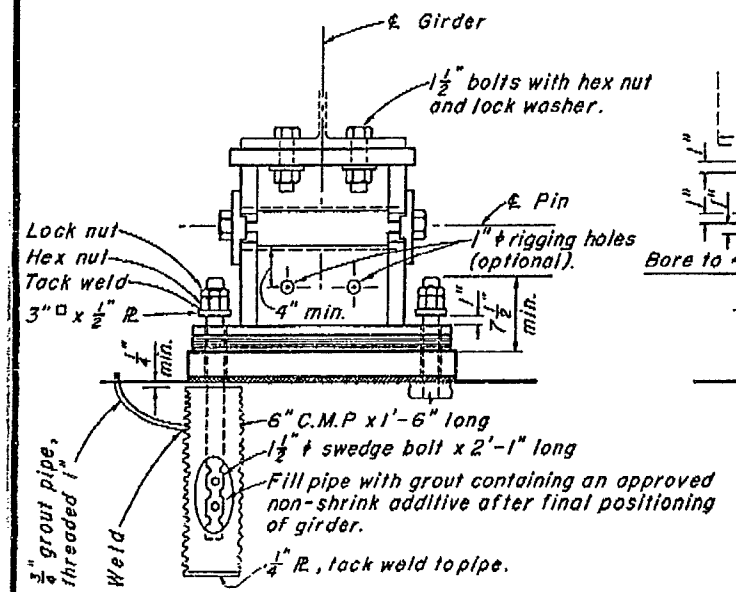
PIN ASSEMBLY DETAIL



LOWER BEARING ASSEMBLY

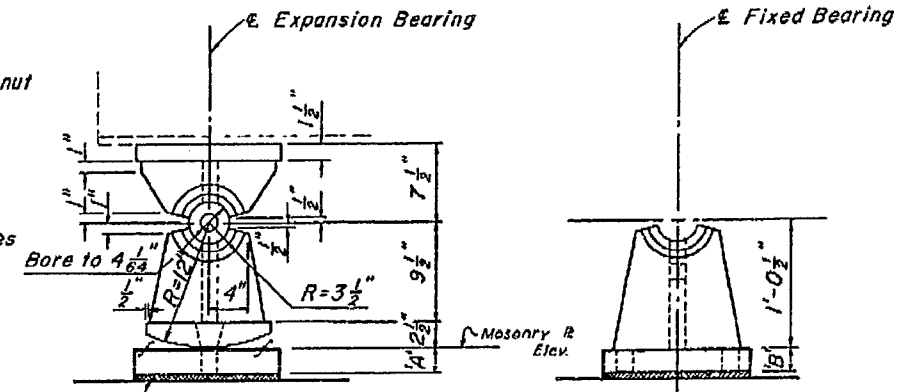
MASONRY R. ELEVATIONS

|             | GIRDER A | GIRDER B | GIRDER C | GIRDER D | GIRDER E | GIRDER F | GIRDER G | GIRDER H |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|
| ABUT. NO. 1 | -1655.58 | -1655.71 | -1655.86 | -1656.00 | -1656.66 | -1656.52 | -1656.37 | -1656.24 |
| PIER NO. 2  |          |          |          |          |          |          |          |          |
| SPAN 1      | -1650.40 | -1650.53 | -1650.68 | -1650.82 | -1651.32 | -1651.18 | -1651.03 | -1650.90 |
| SPAN 2      | -1650.40 | -1650.53 | -1650.68 | -1650.82 | -1651.32 | -1651.18 | -1651.03 | -1650.90 |
| PIER NO. 3  |          |          |          |          |          |          |          |          |
| SPAN 2      | -1646.62 | -1646.75 | -1646.90 | -1647.04 | -1647.38 | -1647.24 | -1647.09 | -1646.96 |
| SPAN 3      | -1646.64 | -1646.77 | -1646.92 | -1647.06 | -1647.40 | -1647.26 | -1647.11 | -1646.98 |
| PIER NO. 4  |          |          |          |          |          |          |          |          |
| SPAN 3      | -1644.26 | -1644.39 | -1644.54 | -1644.67 | -1644.87 | -1644.73 | -1644.58 | -1644.45 |
| SPAN 4      | -1644.38 | -1644.43 | -1644.58 | -1644.72 | -1644.90 | -1644.76 | -1644.61 | -1644.48 |
| ABUT. NO. 5 | -1643.33 | -1643.46 | -1643.61 | -1643.75 | -1643.79 | -1643.65 | -1643.50 | -1643.37 |

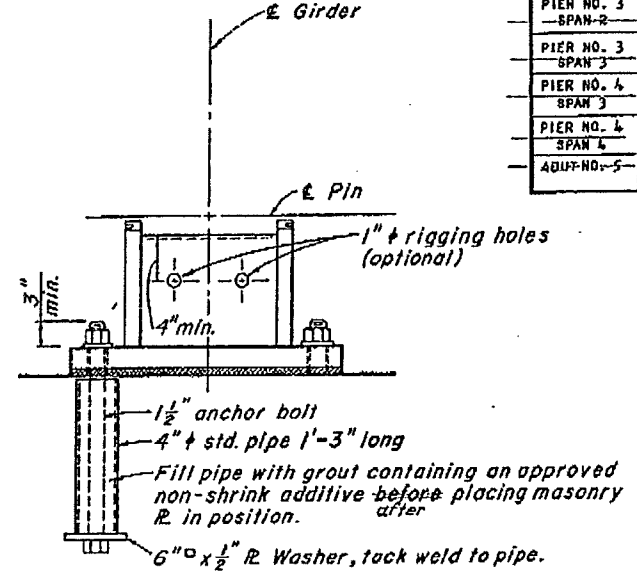


UPPER BEARING ASSEMBLY

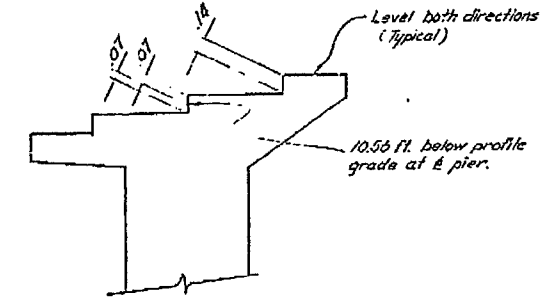
EXPANSION BEARING



-NOTES-  
 Details for Fixed Bearing similar to Expansion Bearing except as shown.  
 All joints to be welded all around with 3/8" fillet weld.  
 All weldments to be stress relieved by heat treating after all welding is completed.



FIXED BEARING



REVISED TOP OF PIER CAP  
No Scale

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 8-10-63 AS SUBMITTED BY RESIDENT ENGINEER E. H. FURK. TRACINGS CORRECTED BY: J. B. DATE: 12-13-63

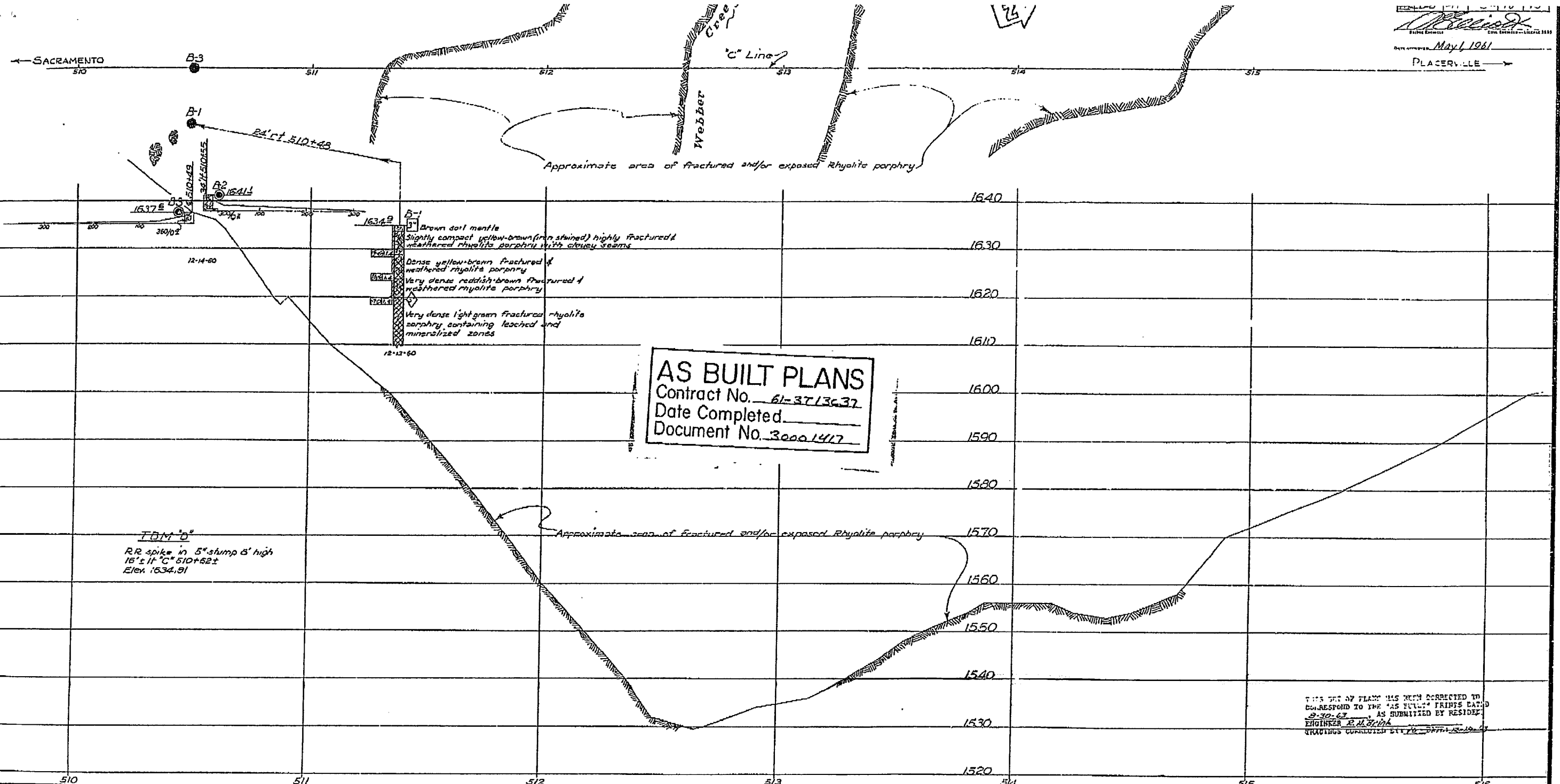
| REACTION | DIMENSION |        | WEIGHT PER ASSEMBLY |           |
|----------|-----------|--------|---------------------|-----------|
|          | 'A'       | 'B'    | FIXED               | EXPANSION |
| 177 K    | 2'-24"    | 1 1/2" | 620                 | 780       |
| 222 K    | 2'-7"     | 1 3/4" | 645                 | 805       |
| 275 K    | 2'-1"     | 2"     | 670                 | 830       |
| 320 K    | 2'-3 1/4" | 2 1/4" | 695                 | 855       |

AS BUILT PLANS  
 Contract No. 61-3713037  
 Date Completed \_\_\_\_\_  
 Document No. 30001417

|                   |           |                |        |
|-------------------|-----------|----------------|--------|
| BRIDGE DEPARTMENT |           | DESIGN SECTION |        |
| Project Designer  | A. R. ... | Checked        | H. ... |
| DESIGN            | A. R. ... | DATE           | 11/60  |
| DETAILS           | E. K. ... | DATE           | 12-60  |
| QUANTITIES        | J. ...    | DATE           | 2-61   |
| SPECIFICATIONS    | W. ...    | DATE           | 2-61   |

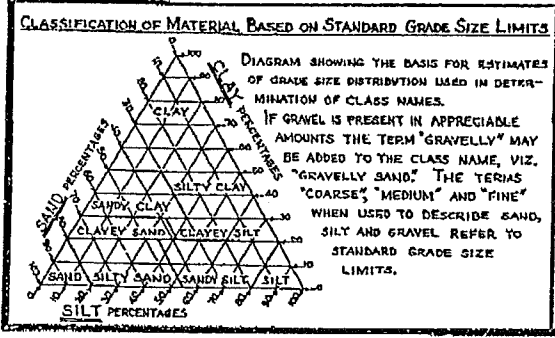
|   |                     |
|---|---------------------|
| STATE OF CALIFORNIA<br>DEPARTMENT OF PUBLIC WORKS<br>DIVISION OF HIGHWAYS |                     |
| 11/58   | WEBBER CREEK BRIDGE |
| BEARING DETAILS (320K)  |                     |
| SCALE NONE  | BRIDGE 25-05 R/L    |
| FILE  | DRAWING C-7159-9    |
| PREL. DRAWING NO. P-7159  |                     |

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 11-22 SIGNATURE [Signature] TITLE [Title]



BRIDGE DEPARTMENT

Elizabeth Taylor



**LEGEND OF EARTH MATERIALS**

|                           |                            |
|---------------------------|----------------------------|
| GRAVEL                    | SILTY CLAY OR CLAYEY SILT  |
| SAND                      | PEAT AND/OR ORGANIC MATTER |
| SILT                      | FILL MATERIAL              |
| CLAY                      | IGNEOUS ROCK               |
| SANDY CLAY OR CLAYEY SAND | SEDIMENTARY ROCK           |
| SANDY SILT OR SILTY SAND  | METAMORPHIC ROCK           |

**LEGEND OF BORING OPERATIONS**

- PLAN OF ANY BORING
- PENETROMETER
- 2 1/2" CONE PENETROMETER
- SAMPLER BORING (DRY)
- ROTARY BORING (WET)
- AUGER BORING (DRY)
- JET BORING
- CORE BORING
- TEST PIT

**NOTE**

Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF HIGHWAYS

**WEBBER CREEK BRIDGE**

**LOG OF TEST BORINGS**

Horizontal: 1"=20'  
 Vertical: 1"=10'

BRIDGE 25-05 FILE DRAWING 7-7159-15

PREL. DRAWING NO. P-7159

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DATE 11/1/63 SIGNATURE [Signature] TITLE [Title]