| DIST | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| | | | | | |

REGISTERED CIVIL ENGINEER

July 1, 2002
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Jeffrey B. Woody No. C41260 EXP. 3-31-03 CIVIL STATE OF CALIFORNIA

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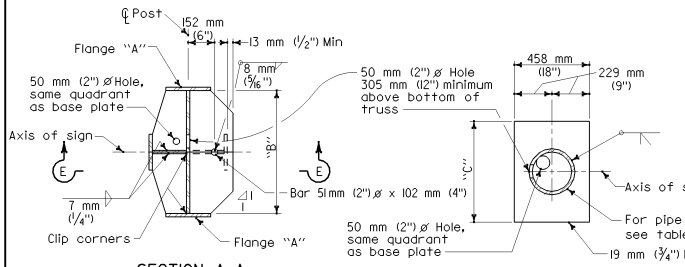
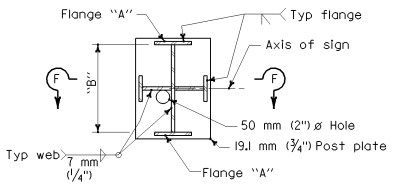
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov

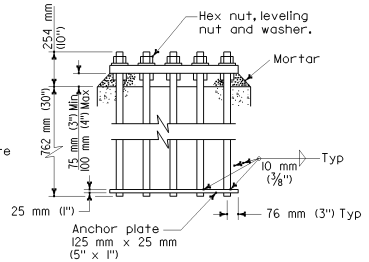



SECTION A-A

SECTION B-B



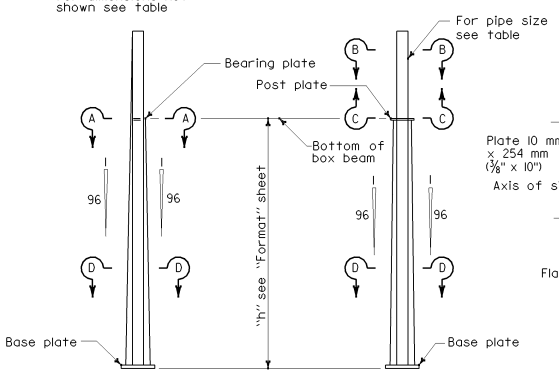

SECTION C-C




ANCHORAGE DETAILS

NOTE

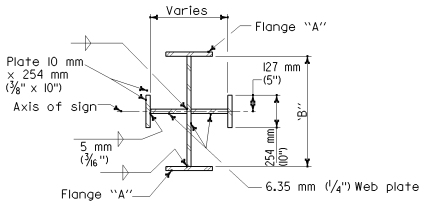
For dimensions not shown see table



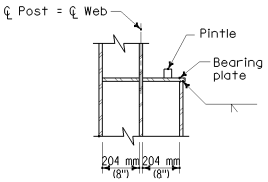

END POST
"A" and "B"

ELEVATION

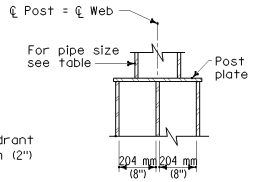
INSET POST
"C" and "D"




SECTION D-D




SECTION E-E



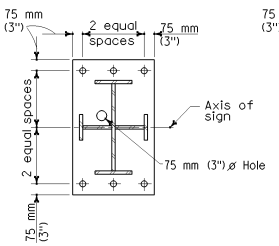

SECTION F-F

NOTE:

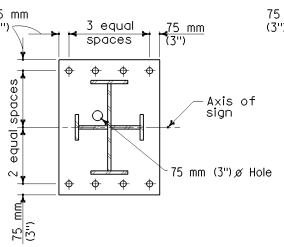
Locate 75 mm (3") ø hole for conduit in quadrant away from approaching traffic-center 51 mm (2") from web plates.

| POST TYPE | BASE PLATE mm (in) | ANCHOR BOLTS Dia mm (in) | ANCHOR BOLTS No | FLANGE "A" mm (in) | POST OR BEARING PLATE "B" mm (in) | POST OR BEARING PLATE "C" mm (in) | INSET POST PIPE SIZE NPS | INSET POST PIPE SIZE WALL THICKNESS mm (in) |
|---|---|---|---|---|---|---|---|---|
| A-1 | 51x610x1016 (2"x24"x40") | 64 (2 1/2") | 6 | 9.5x254 (3/8"x10") | 661 (26") | | | |
| A-2 | 64x610x1016 (2 1/2"x24"x40") | 64 (2 1/2") | 8 | 12.7x254 (1/2"x10") | 661 (26") | | | |
| A-3 | 64x610x1016 (2 1/2"x24"x40") | 64 (2 1/2") | 8 | 19.0x254 (3/4"x10") | 661 (26") | | | |
| A-4 | 64x610x1016 (2 1/2"x24"x40") | 64 (2 1/2") | 8 | 25.4x254 (1"x10") | 661 (26") | | | |
| A-5 | 64x610x1016 (2 1/2"x24"x40") | 64 (2 1/2") | 8 | 31.8x254 (1 1/4"x10") | 661 (26") | | | |
| B-1 | 51x762x1143 (2"x30"x45") | 57 (2 1/4") | 8 | 12.7x254 (1/2"x10") | 813 (32") | | | |
| B-2 | 51x762x1143 (2"x30"x45") | 64 (2 1/2") | 8 | 19x254 (3/4"x10") | 813 (32") | | | |
| B-3 | 64x762x1194 (2 1/2"x30"x47") | 64 (2 1/2") | 8 | 25.4x254 (1"x10") | 813 (32") | | | |
| B-4 | 64x762x1194 (2 1/2"x30"x47") | 64 (2 1/2") | 8 | 31.8x254 (1 1/4"x10") | 813 (32") | | | |
| B-5 | 64x762x1194 (2 1/2"x30"x47") | 64 (2 1/2") | 10 | 38.1x254 (1 1/2"x10") | 813 (32") | | | |
| C-1 | 51x610x839 (2"x24"x33") | 57 (2 1/4") | 6 | 12.7x254 (1/2"x10") | 508 (20") | 610 (24") | 10 | 10.03 (25/64") |
| C-2 | 64x762x915 (2 1/2"x30"x36") | 57 (2 1/4") | 8 | 19x254 (3/4"x10") | 508 (20") | 610 (24") | 10 | 13.49 (17/32") |
| C-3 | 64x762x915 (2 1/2"x30"x36") | 64 (2 1/2") | 8 | 25.4x254 (1"x10") | 508 (20") | 610 (24") | 10 | 18.24 (23/32") |
| C-4 | 70x762x915 (2 3/4"x30"x36") | 64 (2 1/2") | 8 | 31.8x254 (1 1/4"x10") | 508 (20") | 610 (24") | 10 | 25.4 (1") |
| C-5 | 70x762x915 (2 3/4"x30"x36") | 64 (2 1/2") | 10 | 38.1x254 (1 1/2"x10") | 508 (20") | 610 (24") | 10 | 26.97 (1 1/16") |
| C-6 | 70x966x966 (2 3/4"x38"x38") | 64 (2 1/2") | 10 | 44.4x254 (1 3/4"x10") | 508 (20") | 648 (25 1/2") | 10 | 26.97 (1 1/16") |
| C-7 | 70x966x966 (2 3/4"x38"x38") | 64 (2 1/2") | 10 | 50.8x254 (2"x10") | 508 (20") | 648 (25 1/2") | 10 | 26.97 (1 1/16") |
| C-8 | 70x966x966 (2 3/4"x38"x38") | 64 (2 1/2") | 10 | 57.1x254 (2 1/4"x10") | 508 (20") | 648 (25 1/2") | 10 | 26.97 (1 1/16") |
| D-1 | 64x610x1016 (2 1/2"x24"x40") | 64 (2 1/2") | 8 | 19x254 (3/4"x10") | 661 (26") | 762 (30") | 12 | 12.7 (1/2") |
| D-2 | 70x762x1067 (2 3/4"x30"x42") | 64 (2 1/2") | 8 | 25.4x254 (1"x10") | 661 (26") | 762 (30") | 12 | 15.88 (5/8") |
| D-3 | 70x762x1067 (2 3/4"x30"x42") | 64 (2 1/2") | 10 | 31.8x254 (1 1/4"x10") | 661 (26") | 762 (30") | 12 | 21.41 (27/32") |
| D-4 | 64x966x1067 (2 1/2"x38"x42") | 64 (2 1/2") | 10 | 38.1x254 (1 1/2"x10") | 661 (26") | 762 (30") | 12 | 21.41 (27/32") |
| D-5 | 64x966x1067 (2 1/2"x38"x42") | 64 (2 1/2") | 10 | 44.4x254 (1 3/4"x10") | 661 (26") | 800 (31 1/2") | 12 | 21.41 (27/32") |
| D-6 | 76x966x1194 (3"x38"x47") | 64 (2 1/2") | 10 | 50.8x254 (2"x10") | 661 (26") | 800 (31 1/2") | 12 | 21.41 (27/32") |
| D-7 | 76x966x1194 (3"x38"x47") | 64 (2 1/2") | 10 | 57.1x254 (2 1/4"x10") | 661 (26") | 800 (31 1/2") | 12 | 21.41 (27/32") |

1. Thread upper 260 mm (10") of anchor bolts and galvanize upper 305 mm (12").
2. Anchor plates may be retained with Hex nut or formed head.
3. 64 mm (2 1/2") ø Anchor bolts may be substituted for 57 mm (2 1/4") ø bolts.
4. For foundation details see S39

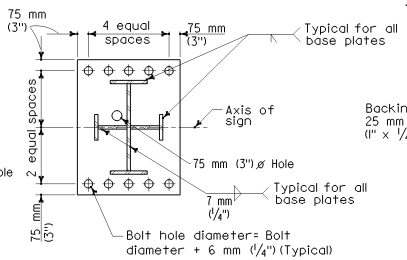



6 BOLTS

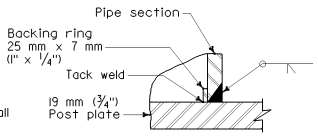



8 BOLTS

TYPICAL BASE PLATES




10 BOLTS




PIPE SECTION TO POST PLATE

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

# OVERHEAD SIGNS-BOX BEAM CLOSED TRUSS-TWO POST TYPE POST DETAILS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

S40F