ANCHOR BOLTS

H.S. METAL SPACER DETAIL

CENTER SPACER PLATE DETAIL

OUTER SPACER PLATE DETAIL

WINGED CHANNEL DETAIL

ANCHOR PLATE DETAIL

ELEVATION

SSTR, C223, T223
SSTR (MOD), AND C223 (MOD)
24"x 30" SIGN MOUNT DETAIL
TS 4"x 4"x 1/8" STEEL TUBE

24"x 18" w/ 12" x 9" MULTI SIGN MOUNT DETAIL
TS 4"x 4"x 1/8" STEEL TUBE

24"x 24" SIGN MOUNT DETAIL
TS 4"x 4"x 1/8" STEEL TUBE

48"x 48" SIGN MOUNT DETAIL
TS 6"x 6"x 1/8" STEEL TUBE

48"x 60" SIGN MOUNT DETAIL
TS 6"x 6"x 1/8" STEEL TUBE

GENERAL NOTES
1. FOR DETAILS ATTACHING SPECIAL SIGN MOUNT TO SINGLE SLOPE TRAFFIC RAIL (SSTR) AND DETAIL FOR PROPOSED WINGED CHANNEL SEE SHEET NO. ___

2. THE STEEL TUBING SHALL CONFORM TO ASTM A500, ALL WELDS SHALL BE IN ACCORDANCE WITH ITEM 441 (STEEL STRUCTURES) AND ITEM 648 (STRUCTURAL WELDING). ALL GALVANIZING SHALL BE IN ACCORDANCE WITH ITEM 442 (METAL FOR STRUCTURES).

GENERAL NOTES

1. FOR DETAILS ATTACHING SPECIAL SIGN MOUNT TO SINGLE SLOPE TRAFFIC RAIL (SSTR) AND DETAIL FOR PROPOSED WINGED CHANNEL SEE SHEET No. 4.

2. THE STEEL TUBING SHALL CONFORM TO ASTM A500. ALL HELDS SHALL BE IN ACCORDANCE WITH ITEM 441 (STEEL STRUCTURES) AND ITEM 440 (STRUCTURAL REELING). ALL GALVANIZING SHALL BE IN ACCORDANCE WITH ITEM 442 (METAL FOR STRUCTURES).

**SPL SIGN MOUNT DETAILS (7)**

**SAN ANTONIO DISTRICT STANDARD**

**TOP VIEW**

**SECTION**

- **TSO1 RAIL**

**DETAIL**

- **SIGN MOUNT TO TSO1 RAIL**
  - 2\(\text{" DIAM. PIPE}
  - TV, TSO1 RAIL
  - **TOP VIEW**
  - **ELEVATION**
  - **BASE E**
    - 6\(\text{"x12\(\text{" x 7\(\text{" ATTACHED TO TYP TSO1 RAIL}
    - **WIDTH 2\(\text{" x 10\(\text{" LONG ANCHOR BOLTS SET IN A 1\(\text{" x 8\(\text{" DEEP HOLE DRILLED INTO TOP OF RAIL**
    - USING EITHER ROTARY OR CORING TYPE EQUIPMENT.
    - HOLES SHALL BE THOROUGHLY CLEANED OUT AND THE BOLT SET IN PLACE WITH A HIGH STRENGTH, LOW SHRINKAGE GROUT.

**DETAIL**

- **SIGN MOUNT TO TSO1 RAIL**
  - **TOP VIEW**
  - **ELEVATION**
  - **BASE E**
    - 6\(\text{"x12\(\text{" x 7\(\text{" ATTACHED TO TYP TSO1 RAIL**
    - **WIDTH 2\(\text{" x 12\(\text{" LONG ANCHOR BOLTS CAST IN PLACE TO A DEPTH OF 18\(\text{" IN THE RAIL**

**NOTE:**

- This work is for the mounting of SPS-190 (ARIDON-NAT) signs beneath SPS-150 (NO-ENT) signs on a Type "F" Mount. For further information on materials and workmanship see standard sheet S011-3 PIPE MOUNTING DETAILS. This work will not be paid for separately but shall be considered subsidiary to the item 631 FLYWOOD SIGNS TYPE A1.