

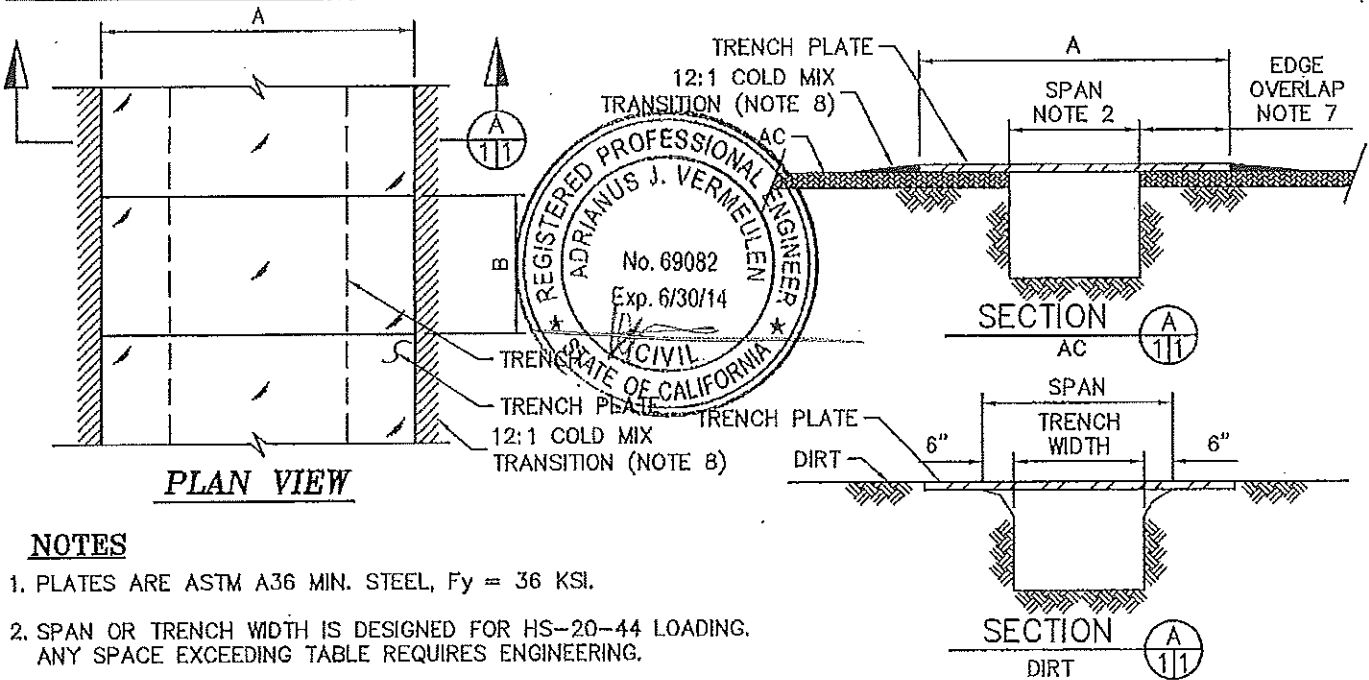
# TREBOR SHORING RENTALS

## MANUFACTURERS TABULATED DATA SHEET

### TRAFFIC PLATES

#### HS-20-44 LOADING

| PLATE THICKNESS<br>(IN) | MAX ALLOW.<br>SPAN (FT) | PLATE SIZE (FT x FT) / WEIGHT (LB) |          |          |          |          |
|-------------------------|-------------------------|------------------------------------|----------|----------|----------|----------|
|                         |                         | 5' X 8'                            | 6' X 10' | 8' X 12' | 8' X 15' | 8' X 20' |
| 3/4"                    | 2'-6"                   | 1224 #                             | 1836 #   | 2938 #   | 3675 #   | 4896 #   |
| 7/8"                    | 3'-4"                   | 1428 #                             | 2142 #   | 3427 #   | 4288 #   | 5712 #   |
| 1"                      | 4'-6"                   | 1632 #                             | 2448 #   | 3917 #   | 4900 #   | 6528 #   |
| 1 1/4"                  | 7'                      | 2040 #                             | 3060 #   | 4896 #   | 6125 #   | 8160 #   |
| 1 1/2"                  | 10'                     | 2448 #                             | 3672 #   | 5876 #   | 7350 #   | 9792 #   |
| 2"                      | 14'                     | 3264 #                             | 4896 #   | 7834 #   | 9800 #   | 13056 #  |



#### NOTES

- PLATES ARE ASTM A36 MIN. STEEL,  $F_y = 36$  KSI.
- SPAN OR TRENCH WIDTH IS DESIGNED FOR HS-20-44 LOADING. ANY SPACE EXCEEDING TABLE REQUIRES ENGINEERING.
- CHART IS BASED ON STABLE TRENCH. STABILITY TO BE DETERMINED BY COMPETENT PERSON OR ENGINEER.
- 3/4" THICK PLATES ARE NOT FOR ON-ROAD VEHICLE TRAFFIC USE; (THEY ARE RESTRICTED TO OFF-ROAD USE SUCH AS SIDE WALKS FOR FOOT TRAFFIC OR INSIDE WAREHOUSE TO COVER SMALL TRENCHES).
- PLATES MUST BE PLACED WITH POSITIVE CONTACT ON ALL SUPPORTING SURFACES AS TO PREVENT ACCIDENTAL MOVEMENT FROM TRAFFIC DEFLECTION (COLD PATCH CAN BE USED TO DISPLACE ANY VOIDS BETWEEN THE PLATE AND SUPPORTING SURFACE).
- PLATES MAY REQUIRE ANCHORAGE WHEN SPEEDS EXCEED 45 MPH OR ON SLOPES GREATER THAN 5% (IN ACCORDANCE WITH LOCAL REQUIREMENTS, COMPETENT PERSON, OR ENGINEER).
- EDGE OVERLAP SHALL BE AS FOLLOWS:
  - ASPHALT-TRAFFIC SPEED UNDER 45 MPH; TRENCH WIDTH + 24" MIN. (12" EA. PER SIDE)
  - ASPHALT-TRAFFIC SPEED OVER 45 MPH; TRENCH WIDTH + 48" MIN. (24" EA. PER SIDE)
  - DIRT-TRAFFIC SPEED UNDER 45 MPH; TRENCH WIDTH + 48" MIN. (24" EA. PER SIDE)
- THERE SHOULD BE A MINIMUM OF 12:1 COLD MIX TRANSITION RAMP ALL AROUND.

|                                                                                                                                                |          |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------|
| TITLE: <b>TRAFFIC PLATES</b>                                                                                                                   |          |                        |
| <b>TREBOR SHORING RENTALS</b><br>668 GREENFIELD DRIVE<br>EL CAJON, CA. 92021                                                                   |          |                        |
| <b>J.M. TURNER ENGINEERING, INC.</b><br><b>CONSULTING ENGINEERS</b><br>1325 COLLEGE AVE., SANTA ROSA, CA.<br>(707) 528-4503 FAX (707) 528-4505 |          |                        |
| DATE:<br>03/28/14                                                                                                                              | REVISED: | FILE NO:<br>13917-1/P1 |