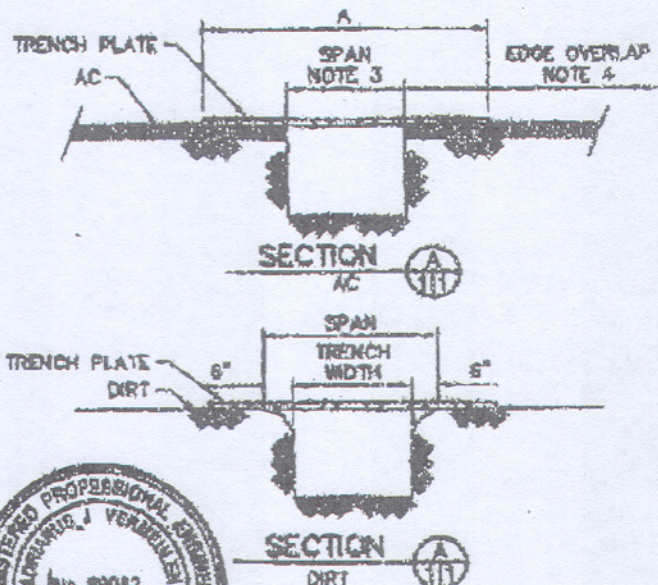
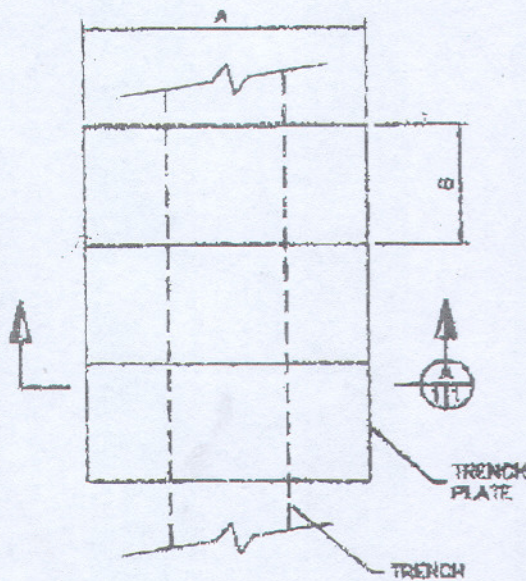


MANUFACTURERS TABULATED DATA SHEET

TRENCH PLATES

HS-20-44 LOADING

PLATE THICKNESS (IN)	MAX ALLOW. 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 #	4898 #
7/8"	3'-6"	1428 #	2142 #	3427 #	4298 #	5712 #
1"	4'-6"	1632 #	2445 #	3917 #	4900 #	6528 #
1 1/4"	7'	2040 #	3060 #	4868 #	6125 #	8180 #
1 1/2"	10'	2448 #	3672 #	5878 #	7330 #	9792 #
2"	14'	3264 #	4896 #	7834 #	9800 #	13058 #



NOTES: PLAN VIEW

1. PLATES ARE ASTM A36 MIN. STEEL, $F_y = 36$ KSI.
2. PLATES ARE DESIGNED FOR HS-20-44 LOADING.
3. THE SPAN IS FROM ASPHALT EDGE TO ASPHALT EDGE OR TRENCH WIDTH + 12".
4. EDGE OVERLAP SHALL BE AS FOLLOWS:
 - TRAFFIC SPEED LESS THAN 45 MPH: 12" MINIMUM.
 - TRAFFIC SPEED OVER 45 MPH: 24" MINIMUM.
5. CHART IS BASED ON STABLE TRENCH. STABILITY TO BE DETERMINED BY COMPETENT PERSON OR ENGINEER.
6. IF SPEED EXCEEDS 45 MPH, PLATE MAY REQUIRE ANCHORAGE.
7. IF SPEEDS ARE LOWER THAN 10 MPH SPANS MAY BE INCREASED BY 20%.

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