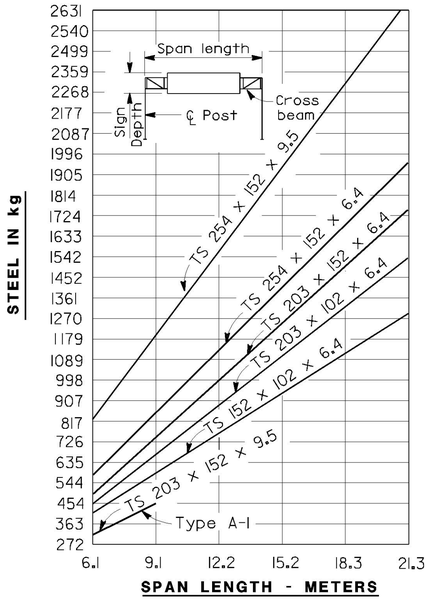
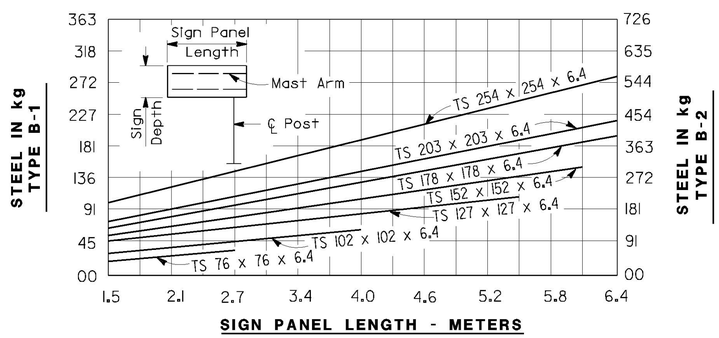
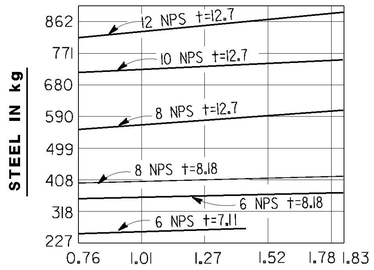


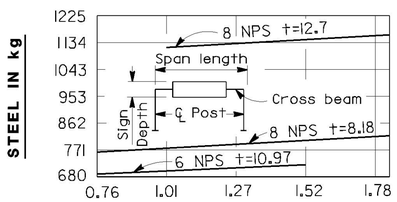
CROSS BEAM QUANTITIES - TYPE A



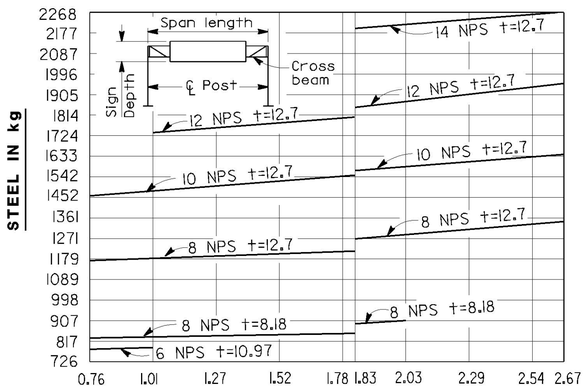
MAST ARM QUANTITIES - TYPE B



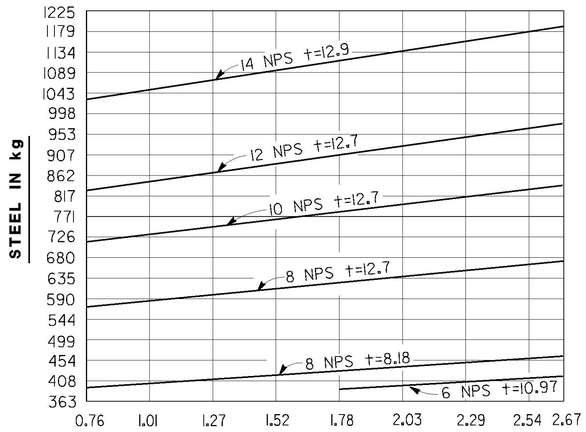
POST QUANTITIES - TYPE B-1



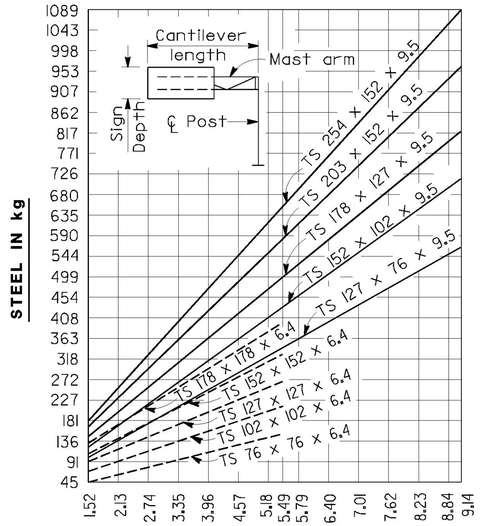
POST QUANTITIES, TOTAL 2, TYPE A-1



POST QUANTITIES, TOTAL 2, TYPE A-2

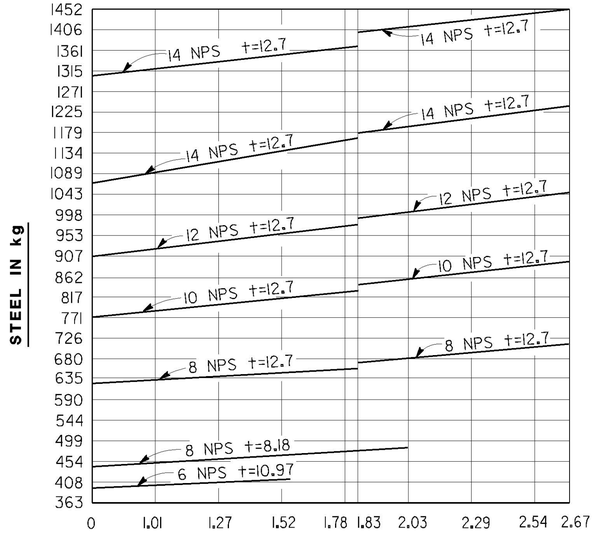


POST QUANTITIES - TYPE B-2



MAST ARM QUANTITIES - TYPE C

NOTE : Indicates Type C-1 --------
Indicates Type C-2 ————



POST QUANTITIES - TYPE C

NOTES :

1. Cross beam and Mast arm quantities include structural tubings, angles, plates and truss.
2. Post quantities include pipes, post angles, plates, base plate and anchor bolt assemblies.
3. Values are figured for "h" = 5.5 m. For "h" greater or less than 5.5 m add or subtract Kg/m of post from values shown on "Post Quantities" charts.

Caltrans Metric

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

REGISTERED ENGINEER - CIVIL

REGISTERED PROFESSIONAL ENGINEER — No. — Exp. — CIVIL — STATE OF CALIFORNIA

PLANS APPROVAL DATE

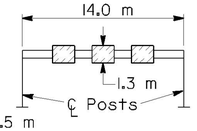
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

PANEL LENGTH \ DEPTH	1.0	1.3	1.5	1.8	2.0	2.3	2.5
1.5-4.3	25	31	37	43	49	55	60
4.4-7.3	38	46	55	64	72	81	89

Weight in kg, includes I-beams, U-bolts, channel, hanger plates and spacer brackets.

SIGN PANEL MOUNTING QUANTITIES

TYPICAL EXAMPLE



GIVEN :
Type A-2
Span length 14.0 m
Sign 3 @ 1.3 m depth
Post type 8 NPS t=12.7, "h" = 5.5 m
Cross Beam type TS 152 x 102 x 6.4

1. Cross beam	855
2. Post	1179
3. Sign mounting panel	93
Subtotal	2127
Add 3½% for galvanizing (Sign structure - lightweight) Total wt.	75 = 2202

PANEL LENGTH	1.5	1.8	2.1	2.4	2.7	3.0	3.4
WEIGHT	31	33	35	36	38	40	42

PANEL LENGTH	3.7	4.0	4.3	4.6	4.9	5.2	5.5
WEIGHT	44	45	47	62	64	65	67

PANEL LENGTH	5.8	6.1	6.4	6.7	7.0	7.3
WEIGHT	69	71	73	74	76	78

Weight in kg

LIGHT FIXTURE MOUNTING ASSEMBLY

(Illuminated sign only)

NOTE : Light fixture mounting assembly includes extended part of channel angles and light fixture mounting channel.

THIS SHEET DOES NOT MEET 2001 AASHTO CODE

THIS SHEET NOT A PART OF CONTRACT PLANS

OVERHEAD SIGNS - LIGHTWEIGHT

QUANTITIES | **21**