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

REGISTERED ENGINEER - CIVIL

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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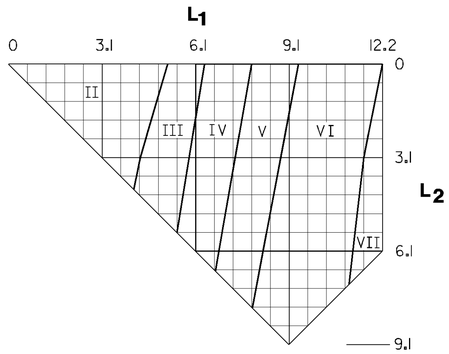
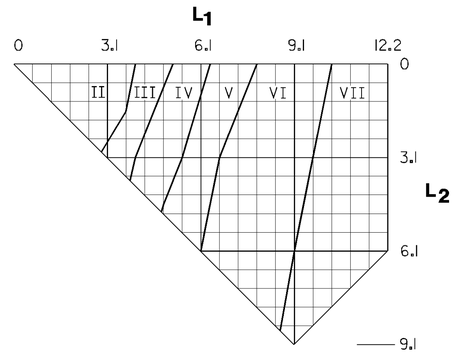
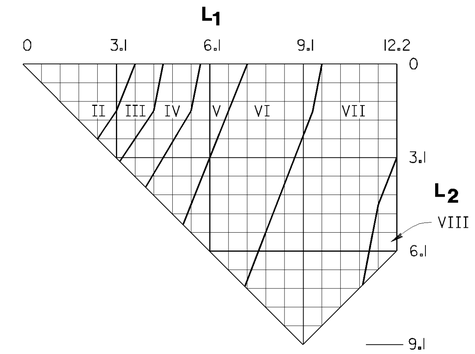
Caltrans Metric



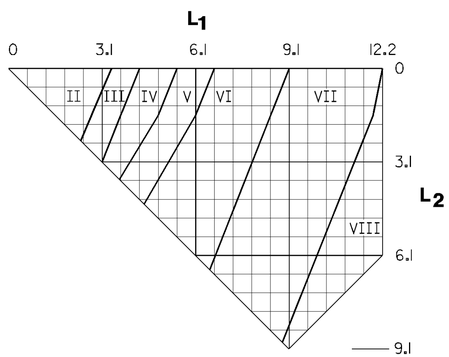
1.270 m SIGN PANEL DEPTH



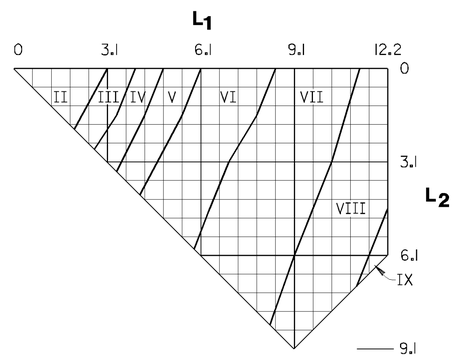
1.524 and 1.778 m SIGN PANEL DEPTH



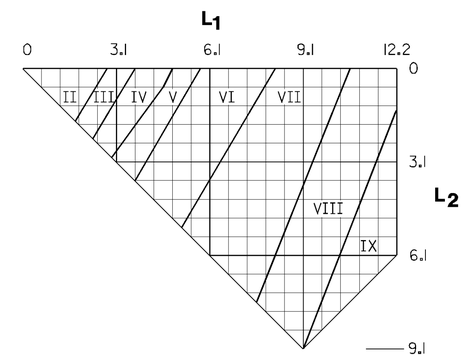
2.032 m SIGN PANEL DEPTH



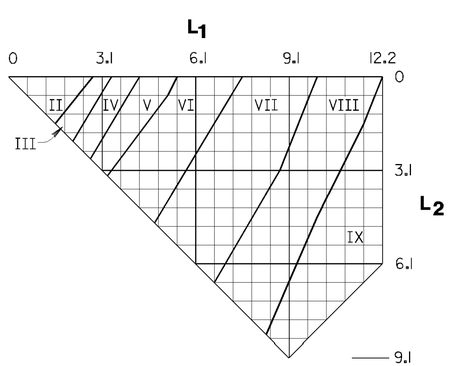
2.286 m SIGN PANEL DEPTH



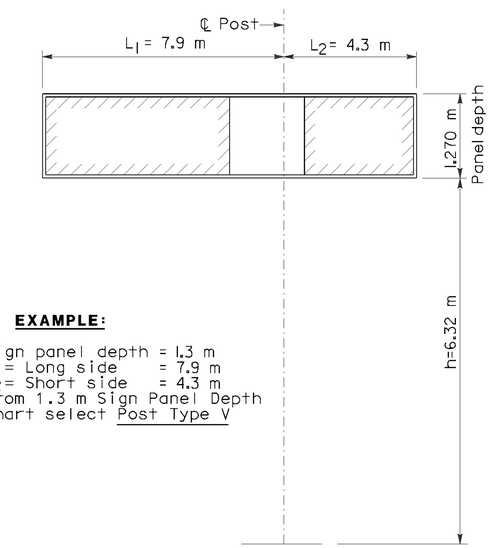
2.540 m SIGN PANEL DEPTH



2.794 m SIGN PANEL DEPTH



3.048 m SIGN PANEL DEPTH



EXAMPLE:

Sign panel depth = 1.3 m
L1 = Long side = 7.9 m
L2 = Short side = 4.3 m
From 1.3 m Sign Panel Depth Chart select Post Type V

EXAMPLE

Post Type	Specification of pipe post	kg/m
II	Pipe NPS 14 x 0.5" TK	107
III	Pipe NPS 16 x 12.7 TK	123
IV	Pipe NPS 18 x 12.7 TK	138.9
V	Pipe NPS 20 x 12.7 TK	154.7
VI	Pipe NPS 24 x 12.7 TK	186.6
VII	Pipe NPS 24 x 19.6 TK	276.8
VIII	Pipe NPS 24 x 24.6 TK	354
IX	Pipe NPS 24 x 24.6 TK	354

NOTES:

1. When selecting post type, if intersection of L1 and L2 falls on solid line, use the smaller post type.
2. Post selection charts are based on a post h = 6.32 m maximum. For a post h in excess of 6.32 m, please go to page 8 for reaction calculations and Post Type Selection by Chart
3. Wind pressure on sign is 1930 Pa on sign depth x frame length. (i.e. 100% panel coverage)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

THIS SHEET NOT A PART OF CONTRACT PLANS

OVERHEAD SIGNS-TRUSS SINGLE POST TYPE

POST SELECTION CHART I | **7**