



GENERAL NOTES:

LOADING:

WIND LOADING:

- 100 mph (3-second gust)
- Normal to face of sign: 40 psf on 100% panel coverage.
- Transverse to face of sign: 20% of normal force.

WALKWAY LOADING:

- Dead load +500 LBS concentrated live load.

UNIT STRESSES:

- STRUCTURAL STEEL: $f_y = 36000$ psi
- REINFORCED CONCRETE: $f_y = 60000$ psi
- $f'_c = 3600$ psi
- FOOTING SOIL PRESSURE: 2.50 ksf (spread footing)

MINIMUM CLEARANCE

- Vertical roadway clearance 18'-0" above roadway and shoulders

WELDING:

- All welding continuous unless otherwise noted on the plans.

NOTES:

1. Drill and tap for 2 1/2" recessed pipe plug, See Standard Plan ES-15C.
2. For location and elevation of sign structure see Project Plans.
3. Sign support post shall be raked out of plumb with leveling nuts to make the bottom of the sign frame level.
4. At final position of post, top and bottom nuts shall be tightened against base plate.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**OVERHEAD SIGN-TRUSS
SINGLE POST TYPE LAYOUT
UNBALANCED BUTTERFLY
CHANGEABLE MESSAGE SIGNS
MODEL 500**

NO SCALE

S101

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

October 30, 2015
PLANS APPROVAL DATE

Jeffrey B. Boody
No. C41260
Exp. 3-31-17
CIVIL
STATE OF CALIFORNIA

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