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

REGISTERED CIVIL ENGINEER

July 1, 2002
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Jeffrey B. Woody No. C41260 Exp. 3-31-03 CIVIL STATE OF CALIFORNIA

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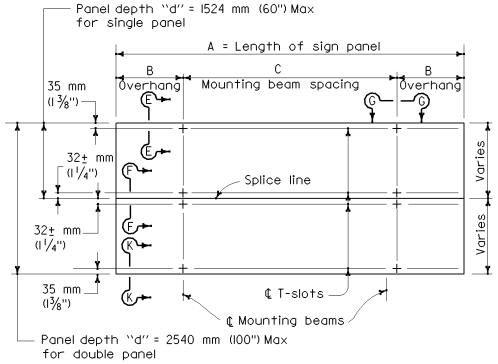
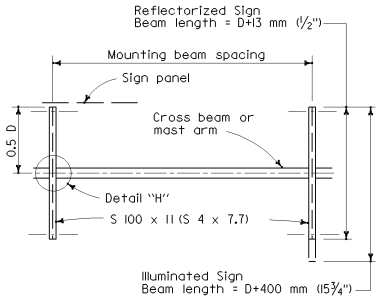
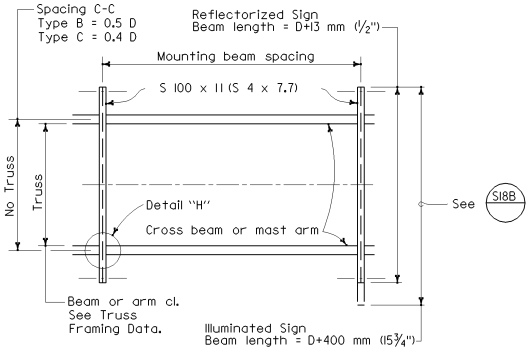


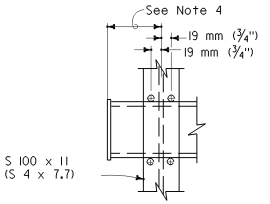
SIGN PANEL LENGTH 1524 mm (5') TO 4572 mm (15')



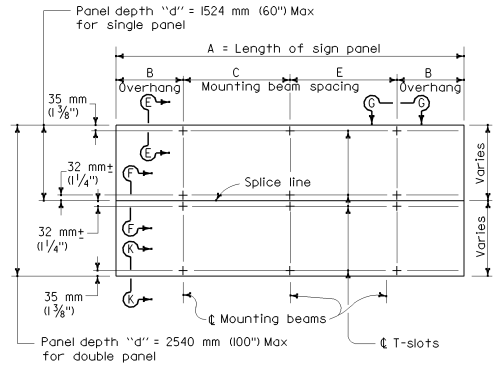
SINGLE BEAM OR ARM SERIES



DOUBLE BEAM OR ARM SERIES

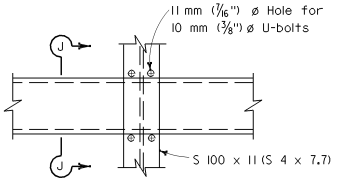


END ARM DETAIL
SINGLE POST SIGNS

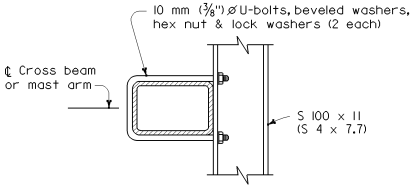


ELEVATION

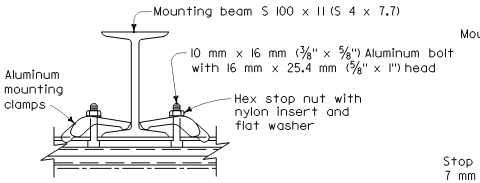
SIGN PANEL LENGTH 4877 mm (16') TO 7315 mm (24')*



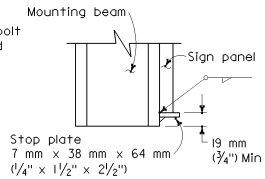
DETAIL H



SECTION J-J



SECTION G-G

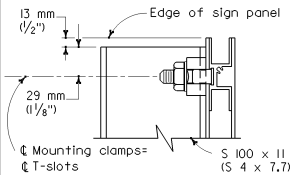


SECTION K-K

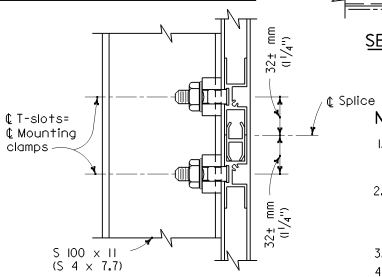
MOUNTING BEAM SPACING

Sign Panel Length *	Number Mounting Beams	Sign Panel Overhang	Mounting Beam Spacing	
A		B	C	E
1524 mm (5')	2	229 mm (9")	1066 mm (42")	
1829 mm (6')	2	305 mm (10")	1219 mm (48")	
2134 mm (7')	2	381 mm (15")	1372 mm (54")	
2438 mm (8')	2	457 mm (18")	1524 mm (60")	
2743 mm (9')	2	559 mm (22")	1625 mm (64")	
3048 mm (10')	2	610 mm (24")	1829 mm (72")	
3353 mm (11')	2	610 mm (24")	2134 mm (84")	
3657 mm (12')	2	762 mm (30")	2134 mm (84")	
3962 mm (13')	2	762 mm (30")	2438 mm (96")	
4267 mm (14')	2	762 mm (30")	2743 mm (108")	
4572 mm (15')	2	915 mm (36")	2743 mm (108")	
4877 mm (16')	3	152 mm (6")	2286 mm (90")	2286 mm (90")
5182 mm (17')	3	305 mm (12")	2286 mm (90")	2286 mm (90")
5486 mm (18')	3	305 mm (12")	2438 mm (96")	2438 mm (96")
5792 mm (19')	3	305 mm (12")	2591 mm (102")	2591 mm (102")
6096 mm (20')	3	457 mm (18")	2591 mm (102")	2591 mm (102")
6400 mm (21')	3	457 mm (18")	2743 mm (108")	2743 mm (108")
6706 mm (22')	3	610 mm (24")	2743 mm (108")	2743 mm (108")
7010 mm (23')	3	762 mm (30")	2743 mm (108")	2743 mm (108")
7315 mm (24')	3	914.5 mm (36")	2743 mm (108")	2743 mm (108")

* Signs longer than 7315 mm (24') are fabricated and mounted as adjoining single panels.



SECTION E-E



SECTION F-F

NOTES:

1. Laminated panel sign depths more than 1500 mm (60") requires additional mounting clamps located 32 mm (1 1/4") ± each side of panel splice line. Exact location is dependent on sign panel manufacturer.
2. Position sign panel so that mounting beams will clear truss connections and arm to post joints. Where interference cannot be avoided, 13 mm (1/2") ø holes to pass the 10 mm (3/8") ø U-bolts may be drilled through mast arm angles or truss connection members as necessary.
3. Torque aluminum sign panel mounting bolt to 11.6 m/N (100 inch pounds).
4. 300 mm (12") for Type C-1 and C-2. Others 102 mm (4").
5. A stop plate is required at each mounting beam under sign panel.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-LIGHTWEIGHT SIGN PANEL MOUNTING DETAILS LAMINATED PANEL-TYPE A

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

S18A

2002 DUAL UNITS STD PLAN S18A