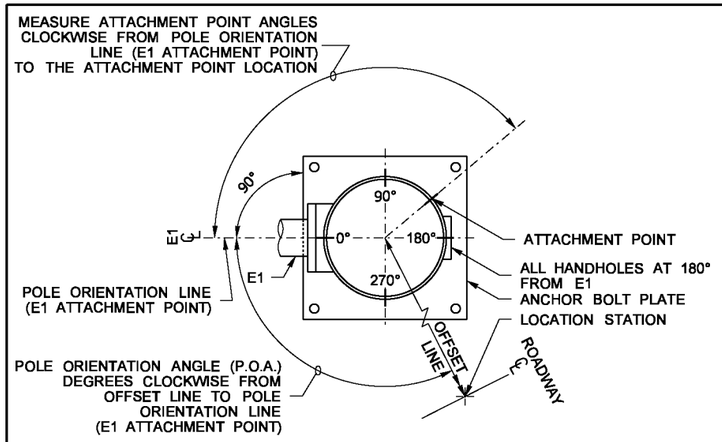
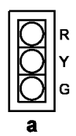


POLE ORIENTATION AND ATTACHMENT POINT DETAIL

LEGEND

a.	VEHICLE DISPLAY	f.	NOT USED
b.	SIGN	g.	NOT USED
c.	NOT USED	h.	TERMINAL CABINET
d.	NOT USED	i.	NOT USED
e.	NOT USED	j.	HANDHOLE

SIGNAL DISPLAY NOTES

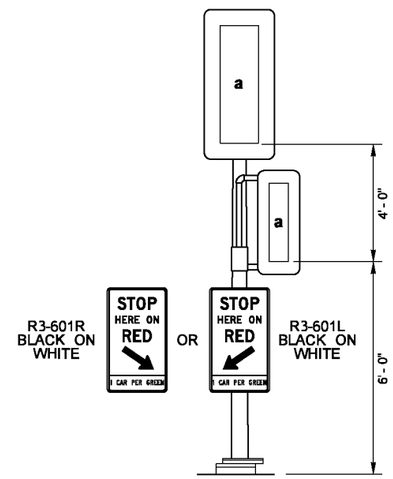


1. ALL VEHICLE HEADS SHALL BE ALUMINUM.
2. ALL LENSES SHALL BE 12" LED TYPE, WITH TH EXCEPTION OF THE LOWER SIGNAL HEAD ON THE TYPE RM SIGNAL, WHICH SHALL BE 8" LED TYPE.
3. ALL VISORS SHALL BE 12" ALUMINUM TUNNEL TYPE, WITH THE EXCEPTION OF THE LOWER SIGNAL HEAD ON THE TYPE RM SIGNAL, WHICH SHALL BE 8" ALUMINUM TYPE.
4. INSTALL BACKPLATES UNLESS OTHERWISE SPECIFIED IN THE PLANS. DO NOT INSTALL RETROREFLECTIVE TAPE ON RAMP METERS.

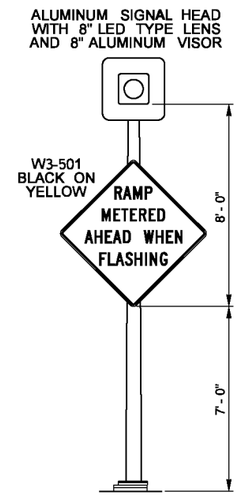
SIGNAL STANDARD IDENTIFICATION TAG DETAIL

STD. NO. XX	SIGNAL STANDARD NO.	STD. NO. 02
SRXXX, MP XXX.XX	STATE ROUTE AND MILE POST NO.	SR97, MP 069.09
MANUFACTURER APPROVED DWG. XXXXXX	APPROVED DRAWING NO.	MANUFACTURER APPROVED DWG. AB12345
FAB. X/XX/XXXX	FABRICATION DATE	FAB. 6/14/2002
		EXAMPLE

TAG NOTES:
CORROSION RESISTANT METAL TAG SECURED WITH (2) 0.125" RIVETS AS FOLLOWS:
- POLE SHAFT - LOCATED WITHIN 6" ABOVE HAND HOLE (TYPE II & III).
- SIGNAL AND LUMINAIRE MAST ARM (TYPE II & III) - LOCATED WITHIN 6" OF THE LUMINAIRE ARM AND THE POLE SHAFT CONNECTION POINT (TYPE III).
TEXT SHALL BE A MINIMUM OF 3/16" HIGH, STAMPED OR EMBOSSED.



TYPE RM
SIGNAL STANDARD



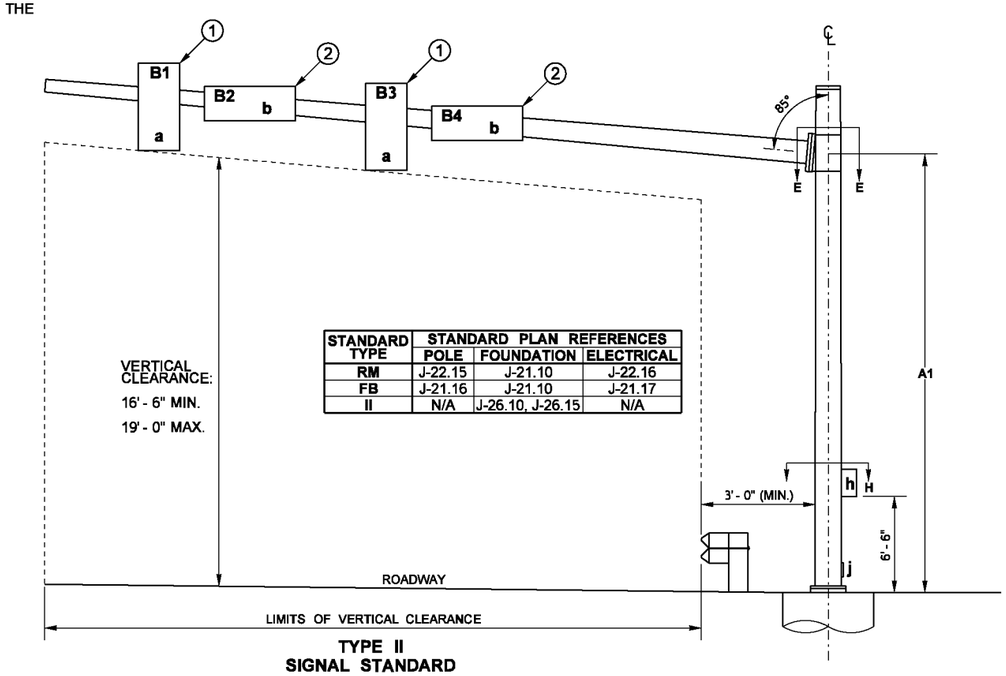
TYPE FB
SIGNAL STANDARD

MOUNTING NOTES:

1. MOUNTING COUPLING INSTALLED AT OFFSET INDICATED IN CHART.
2. FIELD INSTALLED. SEE **STANDARD PLAN G-30.10** FOR MOUNTING DETAILS.

SIGNS: B2 & B4

R10-1402
BLACK ON WHITE



STANDARD TYPE	STANDARD PLAN REFERENCES		
	POLE	FOUNDATION	ELECTRICAL
RM	J-22.15	J-21.10	J-22.16
FB	J-21.16	J-21.10	J-21.17
II	N/A	J-26.10, J-26.15	N/A

TYPE II
SIGNAL STANDARD

SIGNAL STANDARD DETAIL CHART

STD. No.	SR No.	SR MILE POST	FIELD LOCATION						POLE TYPE	MOUNTING HEIGHT (FT)	SIGNAL MAST ARM DATA								CALCULATED POLE XYZ (FT^3)	POLE ATTACHMENT POINT ANGLES (DEGREES)		FOUNDATION DESIGN XYZ (FT^3)	SOIL BEARING PRESSURE (PSF)	FOUNDATION DEPTH (FT)					REMARKS
											OFFSETS (FT) (Z) (POLE ℄ TO ATTACHMENT POINT)				WINDLOAD AREAS (FT^2) (X)(Y)									ALTERNATE 1			ALTERNATE 2		
⬡			STATION	OFFSET	LT.	RT.	ELEV.*	P.O.A.		A1	B1	B2	B3	B4	B1	B2	B3	B4		E1	H			3' RD.	3' SQ.	4' RD.	3' RD.	4' RD.	

***ELEVATION IS TO TOP OF FOUNDATION. FIELD VERIFY ELEVATION PRIOR TO ORDERING SIGNAL STANDARDS.**

FILE NAME	S:\Design R P& S\4-Standards\2-Plan Sheet Library\02-PSL Work in Progress\Bill\IS-13\a\IS-13.DGN
TIME	3:34:32 PM
DATE	1/12/2016
PLOTTED BY	berensb
DESIGNED BY	
ENTERED BY	
CHECKED BY	
PROJ. ENGR.	
REGIONAL ADM.	

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

Plot 2

PLAN REF NO
IS-13A

SHEET 1 OF 1 SHEETS