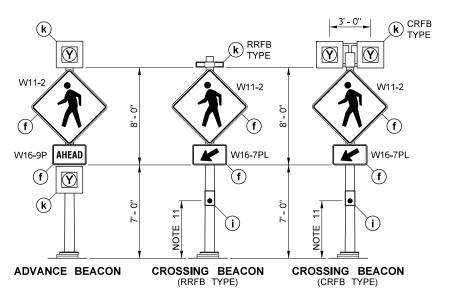
SIGNAL STANDARD IDENTIFICATION TAG DETAIL

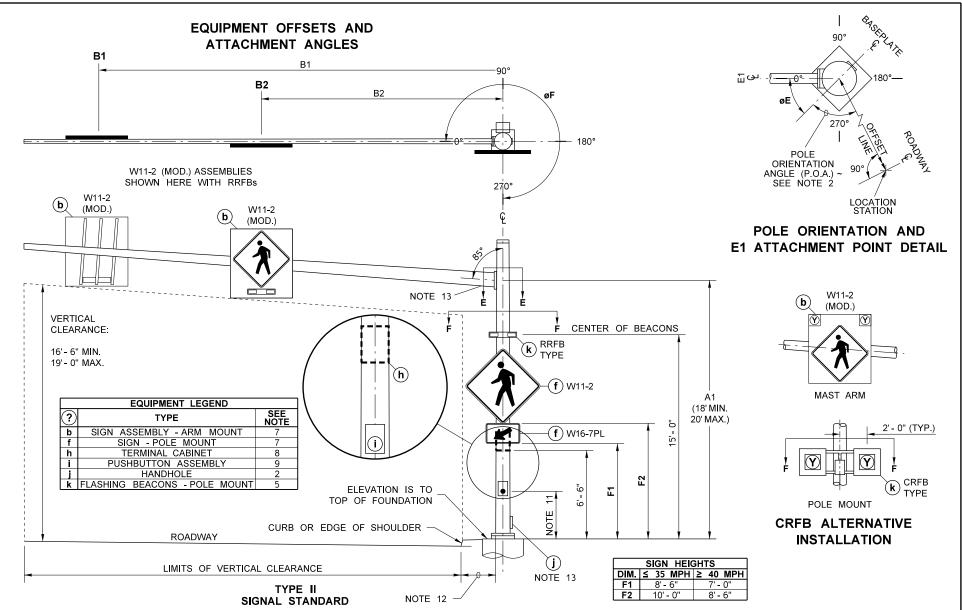
STD. NO. XX	STANDARD NO	STD. NO. 02
SRXXX MP XXX.XX	ROUTE AND MILEPOST NO	SR97 MP 071.24
MANUFACTURER	······ MANUFACTURER ······	······ POLEMAKER
(DWG.) NO. XXXXXX	·····APPROVED DRAWING NO.····	(DWG.) AB12345
FAB. XX/XX/XXXX ····	FABRICATION DATE	FAB. 4/1/2017
		EVAMBLE

CIRCULAR SIGNAL DISPLAY MOUNT TYPES										
LOCATION	CONFIGURATION	TYPE	STD. PLAN							
POLE TOP	SINGLE	D	1.75.40							
POLE TOP	DOUBLE	F	J-75.10							
POLE SIDE	SINGLE	K	J-75.10							
POLE SIDE	DOUBLE	Н								
OVERHEAD	SEE D	DETAIL								

S	SIGN SPECIFICATIONS											
SIGN	SI	SHEETING										
CODE	≤ 35 MPH	≥ 40 MPH	TYPE									
W11-2 (MOD.)	54 :	IX OR XI										
W11-2	36 x 36	48 x 48										
W16-7PL	W16-7PL 18 x 36 18 x 36											
W16-9P	18 x 36	18 x 36										



TYPE FB SIGNAL STANDARDS (SEE SHEET IS-22 FOR ADDITIONAL DETAILS)



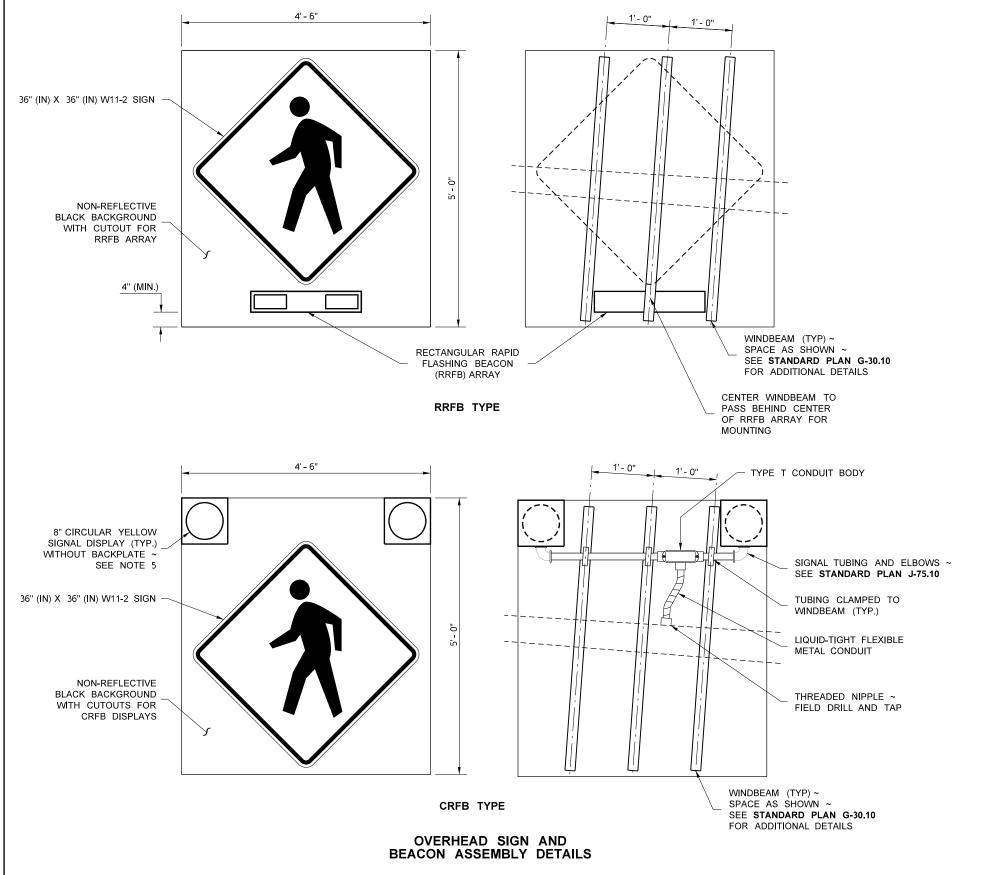
SIGNAL STANDARD DETAIL CHART

STD. SR No. No	SR		FIELI	D LOCATIO	ON		POLE	MOUNTING	;	SIGNAL MAS	T ARM DATA		CALCULATED	ATTAC	HMENT	FOUNDATION	SOIL		FOUNDA	TION DE	PTH (FT)	REMARKS				
No. No	MILE POST									TYPE		HEIGHT (FT)	OFFSETS	S (FT)(Z) FACHMENT POINT)	WINDLOAD AREAS (FT ²) (X)(Y				INT ANGLES DESIGN DEGREES) XYZ (FT 3)		BEARING PRESSURE (PSF)	AL	ALTERNATE 1		ALTERNATE 2		
		STATION	OFFSET	LT. RT.	ELEV	/. * P.O.A		A1	B1	B2	B1	B2		E	F	(,	(. 5.)	3' RD.	3' SQ.	4' RD.	3' RD.	4' RD.					
0 00	00.00	000+00	000	X X	000	.00 000	II	19	00	00	22.5	22.5	0000	0	000	0000	0000	00	00	00	00	00	SAMPLE TEXT				

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

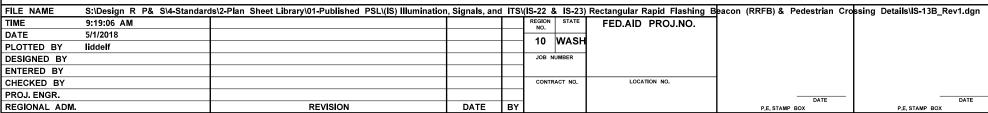
SEE SHEET 2 FOR NOTES AND OVERHEAD SIGN ASSEMBLY DETAILS

ELEVATION	PRIOR TO ORDERING	SIGNAL STANDARDS.											
FILE NAME	E:\PSL\IS-13\IS-13B.DGN									Plot 1			
TIME	2:19:49 PM			REGION STATE	FED.AID PROJ.NO.					PLAN REF NO			
DATE	8/15/2018			10 WASH						IS-13B			
PLOTTED BY	liddelf			10 WASI]					10 135			
DESIGNED BY				JOB NUMBER				Washington State		SHEET			
ENTERED BY								_		1			
CHECKED BY				CONTRACT NO.	LOCATION NO.			Department of Transportation		OF			
PROJ. ENGR.						DATE	DATE	-	RFB SYSTEM SUPPORT DETAILS	2 SHEETS			
REGIONAL ADM.		REVISION	DATE	BY		P.E. STAMP BOX	P.E. STAMP BOX			SHEETS			



RFB SYSTEM NOTES:

- 1. MAST ARM LENGTH SHALL NOT EXCEED 45 FT WITHOUT APPROVAL FROM HQ TRAFFIC AND BRIDGE OFFICES. MAST ARMS SHALL NOT HAVE TENONS INSTALLED. WIRING ACCESS FOR RRFBs SHALL BE FIELD DRILLED AND USE RUBBER GROMMETS AND DRIP LOOPS.
- 2. POLE ORIENTATION ANGLE IS MEASURED BETWEEN STATION OFFSET LINE AND THE CENTER OF THE BASEPLATE FRONT. THE POLE HANDHOLE IS ALWAYS AT THE BACK OF THE BASEPLATE (180° ON BASEPLATE).
- 3. STREET NAME SIGNS SHALL NOT BE INSTALLED ON THE SIGNAL STANDARDS.
- 4. **B1** AND **B2** SHALL BE CENTERED OVER THEIR RESPECTIVE APPROACH THROUGH LANES.
- 5. ALL CIRCULAR DISPLAYS SHALL BE SINGLE SECTION YELLOW LED WITH CAP VISORS. OVERHEAD DISPLAYS SHALL BE 8" (IN) DIAMETER WITH 5 INCH BACKPLATES. FOR POST MOUNTED DISPLAYS, 36" (IN) x 36" (IN) W11-2 SIGNS REQUIRE 8" (IN) DISPLAYS; 48" (IN) x 48" (IN) W11-2 SIGNS REQUIRE 12" (IN) DISPLAYS. SEE SIGNAL DISPLAY MOUNT TYPE TABLE FOR MOUNT TYPES.
- CRFB HOUSINGS, VISORS, AND BACKPLATES SHALL BE ALUMINUM. BACK PLATES SHALL NOT HAVE RETRO REFLECTIVE TAPE.
- 7. SEE **STANDARD PLAN G-30.14** FOR SIGN MOUNTING DETAILS. MAST ARM MOUNTED SIGNS SHALL USE A MINIMUM OF THREE WIND BEAMS. SEE SIGN SPECIFICATION TABLE FOR SIGN SIZES AND SHEETING.
- 8. TERMINAL CABINET SHALL BE INSTALLED 180° FROM THE POLE MOUNTED SIGNS.
- PUSHBUTTON ASSEMBLIES SHALL BE FIELD ORIENTED RELATIVE TO THE CROSSWALK AND LEVEL CLEAR SPACE.
- 10. POLE MOUNTED DISPLAYS AND SIGNS SHALL BE FIELD ORIENTED TOWARDS APPROACHING TRAFFIC, AND MUST BE 2'-0" MIN. FROM FACE OF CURB OR EDGE OF SHOULDER.
- 11. CENTER OF BUTTON SHALL BE 3'-6" AS MEASURED FROM THE WALKING SURFACE
- 12. FACE OF POLE MUST BE SET BACK AS FOLLOWS:
 - a. 2'-0" MIN. FROM FACE OF CURB OR EDGE OF SHOULDER.
 - b. 3'-0" MIN. FROM FACE OF GUARDRAIL.
 - c. 4'-0" MIN. FROM ROADSIDE TOE OF TYPE 2 CONCRETE BARRIER
- 13. POLE TAGS SHALL BE CORROSION RESISTANT METAL AND SECURED WITH TWO 0.125" (IN) RIVETS WITH 3/16" (IN) MIN. STAMPED OR EMBOSSED TEXT. VERTICAL POLE TAGS SHALL BE INSTALLED WITHIN 6" (IN) ABOVE THE TOP OF THE HAND HOLE. MAST ARM TAGS SHALL BE INSTALLED WITHIN 6 INCHES OF THE ARM ATTACHMENT POINT.





Plot 2
PLAN REF NO
IS-13B
SHEET

2

RFB SYSTEM SUPPORT DETAILS