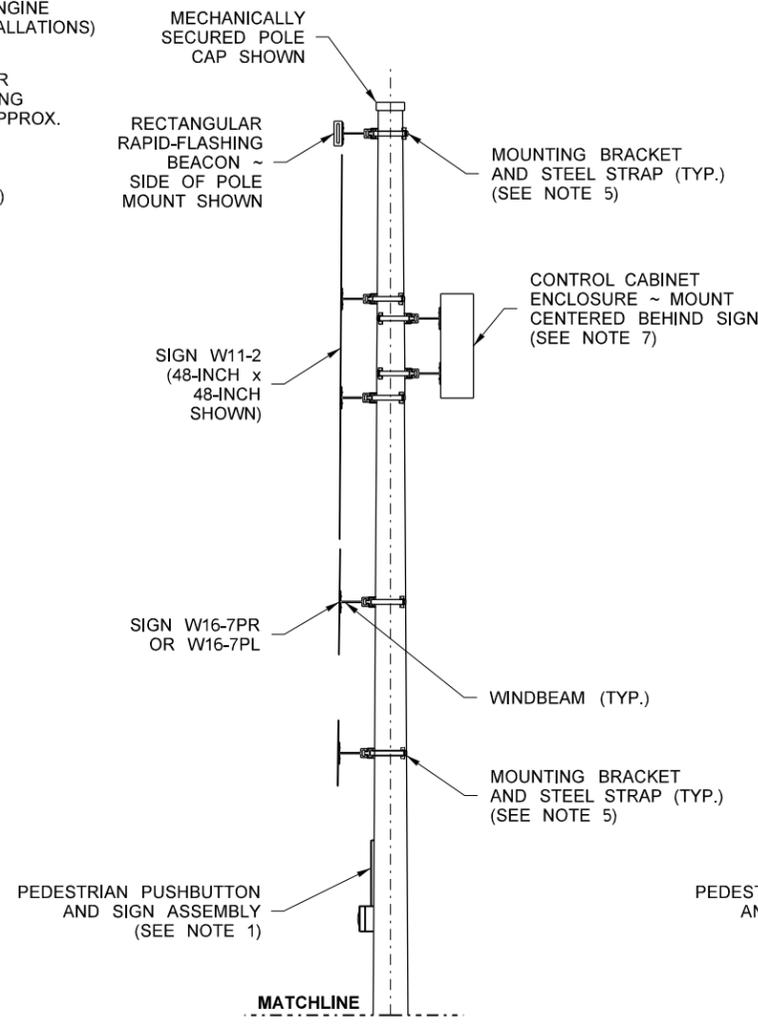
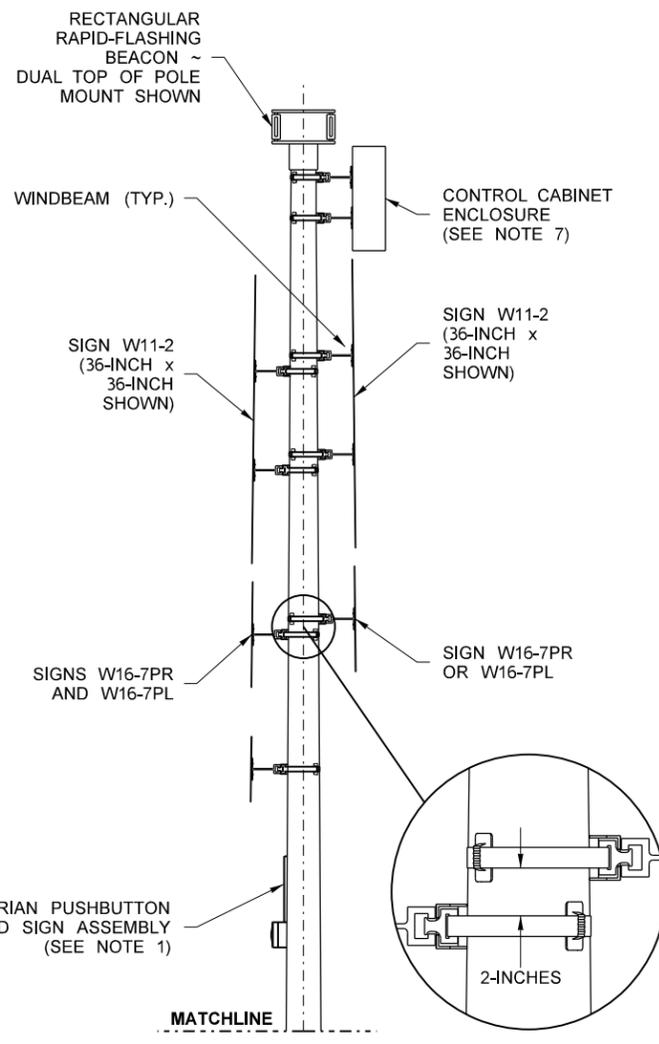


RECTANGULAR RAPID-FLASHING BEACON

BREAKAWAY BASE AND CONCRETE SQUARE FOUNDATION SHOWN (SEE NOTES 2 & 4)



**SIDE ELEVATION VIEW
SINGLE DIRECTION CONFIGURATION
DETAILS**



**SIDE ELEVATION VIEW
DUAL DIRECTION CONFIGURATION
DETAILS**



**W11-501
(12-INCHES x 12-INCHES)**

PEDESTRIAN SYMBOL HEIGHT - 4-INCHES
BICYCLE SYMBOL HEIGHT - 3-INCHES
LETTERS - 1-INCH C SERIES
LEGEND - BLACK
BACKGROUND - YELLOW

NOTES

1. PEDESTRIAN PUSHBUTTON (PPB) AND SIGN ASSEMBLY SHALL BE ADA COMPLIANT AND INCLUDE A LOCATOR TONE, TACTILE ARROW, AND SPEECH MESSAGE CAPABILITY. PPB SHALL NOT INCLUDE A VIBRATION MOTOR. PPB SHALL INCLUDE AN INTEGRATED 9-1/4 INCH x 12-INCH R10-25 SIGN IN ACCORDANCE WITH THE 2023 MUTCD. SIGN MAY INCLUDE INTEGRATED WARNING LIGHTS.
2. SEE STANDARD PLAN J-21.10 FOR SIGNAL STANDARD FOUNDATION AND BASE DETAILS.
3. SEE STANDARD PLAN J-21.16 FOR SIGNAL STANDARD DETAILS NOT SHOWN.
4. SEE STANDARD PLAN J-21.17, DETAIL C FOR WIRING DETAILS NOT SHOWN.
5. SEE STANDARD PLAN G-30.10 FOR SIGN INSTALLATION ON SIGNAL STANDARD DETAILS.
6. TERMINATE RFB CONNECTIONS PER MANUFACTURER'S RECOMMENDATION.
7. CONTROL CABINET ENCLOSURE SHALL BE SIZED BY THE RFB MANUFACTURER. THE CONTROL CABINET SHALL BE MANUFACTURED PER TERMINAL CABINET REQUIREMENTS OF STANDARD SPECIFICATION SECTION 9-29.25.
8. BEACON ASSEMBLY SHALL BE INSTALLED APPROXIMATELY ONE INCH ABOVE THE WARNING SIGN. BEACON MAY BE INSTALLED HIGHER AS DIRECTED BY OPERATING AGENCY. BEACON MAY USE A TOP OR SIDE MOUNT AS APPROPRIATE. A SOLAR POWER UNIT MAY BE INSTALLED ON TOP OF THE MOUNT.
9. RFB DISPLAYS SHALL MEET THE REQUIREMENTS OF CHAPTER 4L OF THE 2023 MUTCD.
10. FOR POSTED SPEEDS OF 35 MPH OR LOWER, THE W11-2 SIGNS SHALL BE 36-INCHES x 36-INCHES. FOR POSTED SPEEDS OF 40 MPH OR HIGHER, THE W11-2 SIGNS SHALL BE 48-INCHES x 48-INCHES.
11. WHERE SIGNS AND EQUIPMENT CANNOT PHYSICALLY BE INSTALLED AT A MINIMUM OF 7-Feet ABOVE THE WALKING SURFACE, THEY SHALL BE INSTALLED AS HIGH AS PHYSICALLY POSSIBLE. W16-7P SIGN MAY BE OFFSET TO ONE SIDE IF NEEDED FOR PEDESTRIAN CLEARANCE.

RECTANGULAR RAPID FLASHING BEACON (RRFB)

FILE NAME	C:\Storage\01 Manual Revisions\02 Std Details\IS-22 and 23\2024-02\IS-22_2025-03-31.dgn			REGION NO.	STATE	FED.AID PROJ.NO.
TIME	11:54:57			10	WASH	
DATE	2025-03-31			JOB NUMBER		
PLOTTED BY	Jacksfl			CONTRACT NO.		LOCATION NO.
DESIGNED BY						
ENTERED BY						
CHECKED BY						
PROJ. ENGR.						
REGIONAL ADM.	REVISION	DATE	BY			


**Washington State
Department of Transportation**

DATE _____
P.E. STAMP BOX

Plot 1
PLAN REF NO IS-22
SHEET OF SHEETS
RRFB SIGN ASSEMBLY DETAILS