

This structure has been designed according to the Fifth Edition 2009 AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals. Basic wind velocity is 90 MPH. Design Life/Recurrence Interval 50 years and Fatigue Category III.

Maximum Pole Deflection shall not exceed 0.7" in 30 MPH and 1.4" in 70 MPH wind.

Camera (1) - EPA = 4.00 sq. ft. @ 2' - 0" above pole top, and: Dish (1) - 1' - 0" diameter @ pole top level.

Camera (1) - EPA = 4.00 sq. ft. @ 2' - 0" above pole top, and:

Camera (2) - EPA = 0.54 sq. ft. each @ 1' - 0" and 2' - 0" from pole top, and:

NEMA Cabinet (2) - EPA = 1.33 sq. ft. each @ 3' - 8" from pole top, install both NEMA cabinets back to back, and:

Radio Equipment (2) - EPA = 2.25 sq ft. each @ 2' - 0" and 9' - 0" from pole top.

EPA = Effective Projected Area

area shall be backfilled with Controlled-Density Fill (CDF)



Aug 26, 2022

**TYPE CCTV TRAFFIC SIGNAL STANDARD (CAMERA POLE)** FOUNDATION DETAILS STANDARD PLAN J-29.10-02

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION Mark Gaines Aug 26, 2022 STATE DESIGN ENGINEER

Washington State Department of Transportation

