Index 11861 Single Column Cantilever Ground Mounted Signs (Rev. 11/16)

Design Criteria

AASHTO LRFD Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals (LRFDLTS-1); ***Structures Manual*** Volume 3, FDOT Modifications to LRFDLTS-1; ***Structures Manual*** Introduction, I.6 References.

Design Assumptions and Limitations

This Index may not be used as a substitute for Index 11200. The custom cantilever sign is only intended for use on curb & gutter facilities where the distance between the curb and the sidewalk restricts the use of Index 11200. The sign location should be checked to insure sufficient area exists behind the sidewalk for the column.

See notes on the ***Design Standard*** and ***Structures Manual*** Volume 3. See also ***PPM*** Volume 1, Chapters 7 and 29.

Design Wind Speed is 110 MPH.

Foundation designs are based on the following conservative soil criteria which cover the great majority of soil types found in Florida:

Classification = Cohesionless (Fine Sand)

Friction Angle = 30 degrees

Unit Weight = 50 pcf (assumed submerged)

Plan Content Requirements

Lay out the text for the sign on the Guide Sign Worksheet. Provide a cross sectional detail of the sign in the plans.

See ***PPM*** Volume 2, Chapter 23. Include cross references to Design Standards Index 11860.

Payment

Item number	Item description	Unit Measure
700-1-74	Single Post Sign, F&I Custom	AS