Index 700-011 Single Column Cantilever Ground Mounted Signs

Design Criteria

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

Design Assumptions and Limitations

Index 700-011 may not be used as a substitute for ***Index 700-020***. 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 700-020***. The sign location should be checked to insure sufficient area exists behind the sidewalk for the column. Work with ***Index 700-010***.

See notes on ***Index 700-011***, ***FDM 230***, ***FDM 261***, and the ***Structures Manual (SM)***, Volume 3.

Design Wind Speed is 110 MPH.

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

Classification = Cohesionless (Fine Sand)

Friction Angle = 30 degrees

Unit Weight = 50 pcf (assumed submerged)

Plan Content Requirements

See the ***FDM 325***.

Payment

Item number	Item Description	Unit Measure
700-1-1B	Single Post Sign (F&I, Ground Mount)	AS

See the ***BOE*** and ***Specification 700*** for additional information on payment, pay item use and compensation.