

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.