

Index 11860 Single Column Ground Signs (Rev. 07/15)

Design Criteria

AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals; Structures Manual Volume 3, FDOT Modifications to LTS-6; **Structures Manual** Introduction, I.6 References.

Both fabricated and cast base assemblies were impact tested by the **Texas Transportation Institute**, College station, TX on February 10, 2003, and both alternate assemblies were determined to be compliant with the performance recommendations of the **National Cooperative Highway Research Program (NCHRP) Report 350**.

Design Assumptions and Limitations

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

The rectangular unidirectional slipbase sign support system can be used with any single post up to a mass of 45 lb/ft.

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 saturated)

Plan Content Requirements

See **PPM** Volume 2, Chapter 23.

Payment

Item number	Item description	Unit Measure
700-1-AB	Single Post Sign	AS