

Index 11200 Multi-Column Ground Sign

Design Criteria

AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, 5th Edition (LTS-5); **Structures Manual** Volume 9, FDOT Modifications to LTS-5; **Structures Manual Introduction**, I.6 References.

Design Assumptions and Limitations

See notes on the **Design Standard** and **Structures Manual Volume 9**.

The rectangular unidirectional slipbase sign support systems can be used where both posts are within a 7-foot span. Two-post systems with both posts within a 7-foot span must use posts with a mass of 18 lb/ft or less. Larger posts with masses up to 45 lb/ft may also be used as dual post systems but the posts must be more than 7 feet apart. In no case, however, should the total mass of all the sign posts above the slip-plane and below the hinge be greater than 600 pounds.

The following computer-based design programs available for use on the [Structures Design Office Website](#):

- FDOT Multi-Post 2001 Sign Program (current)
- FDOT Multi-Post Program (old)

Plan Content Requirements

See [PPM](#) Volume 1, Chapter 7.

Payment

Item number	Item description	Unit Measure
700-21-AB	Multi-Post Sign	AS