Index 700-020 Multi-Column Ground Sign

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

See notes on Index 700-020 and Structures Manual (SM), Volume 3.

The one directional sign support systems can be used where both columns are within a 7-foot span. Two-post systems with both columns 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 columns must be more than 7 feet apart. The total mass of the sign assembly above the slip-plane and below the hinge must be less than or equal to 600 pounds.

Use Index 700-020 in conjunction with the Multi-Post Sign-LRFD v1.1 located on the Structures Design Programs Library website.

Plan Content Requirements

See the FDM 325.

Payment

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<td>700-2-AB</td>
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See the BOE and Specification 700 for additional information on payment, pay item use and compensation.