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.*

Index 700-020 is a one directional sign support system. Systems with 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 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

Column size must be shown in the Plans. See the *FDM 325.8* for additional information.

Payment

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<th>Item Description</th>
<th>Unit Measure</th>
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<tr>
<td>700-2-AB</td>
<td>Multi-Post Sign</td>
<td>AS</td>
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See the *BOE* and *Specification 700* for additional information on payment, pay item use and compensation.