Index 700-030 Wind and Hanger Beams for Overhead 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


Design wind Speed is by County and are based on a maximum height of 32 feet to the centroid of the sign panel.

Overhead luminaire details are in Index 700-031.

Plan Content Requirements

See the FDM 325.

When a sign is to be mounted on the back side of the overhead truss, include a detail for back-side mounting in the Plans. Include details for mounting the overhead luminaire to the back side of the truss structure (when lighting is required).

Payment

<table>
<thead>
<tr>
<th>Item number</th>
<th>Item Description</th>
<th>Unit Measure</th>
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</thead>
<tbody>
<tr>
<td>700-3-2BB</td>
<td>Sign Panel (F&amp;I, Overhead Mount)</td>
<td>EA</td>
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See the BOE and Specification 700 for additional information on payment, pay item use and compensation.