

## 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); Structures Manual (SM)**, Volume 3, FDOT Modifications to LRFDLTS; **Structures Manual (SM)**, Introduction, I.6 References; **FDOT Design Manual (FDM)**

### Design Assumptions and Limitations

See notes on **Index 700-030**, **FDM 230**, **FDM 261**, and the **Structures Manual (SM)**, Volume 3.

FDOT 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 940**.

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

| Item number | Item Description                 | Unit Measure |
|-------------|----------------------------------|--------------|
| 700-3-2BB   | Sign Panel (F&I, Overhead Mount) | EA           |

See the **BOE** and **Specification 700** for additional information on payment, pay item use and compensation.