

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

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

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

| 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.