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.