

Index 11310 Cantilever Sign Structure (Rev. 07/12)

Design Criteria

AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, 5th Edition (LTS-5).; **Structures Manual**, Volume 9, FDOT Modifications to LTS-5.; **Structures Manual** Introduction I.6 References; **Structures Design Guidelines (SDG)**.

Design Assumptions and Limitations

The maximum span length of Cantilever Sign Structures is 50 feet. See the [PPM](#), Volume 1, Chapter 29 for additional information.

See notes on the **Design Standard**, **Structures Manual Volume 9** and **SDG**.

Use this **Design Standard** in conjunction with the [FDOT Cantilever Overhead Sign Program](#).

Plan Content Requirements

See [PPM](#), Volume 1, Chapters 7 and 29.

Complete the appropriate Cantilever Sign Structures Data Table and include it in the plans. There is a choice of two tables, one for a sign structure with a flat slab foundation and the other for a sign structure with a drilled shaft foundation. Much of the data for inclusion in the table may be found in the FDOT Cantilever Overhead Sign Program output. Include Design Wind Speed and soils information. See [Introduction I.3](#) for more information regarding use of Data Tables.

Payment

Item number	Item description	Unit Measure
700-23-ABC	Overhead Truss Cantilever Sign	AS