Index 11310 Cantilever Sign Structure (Rev. 07/15)

Design Criteria

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AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals; Structures Manual, Volume 3, FDOT Modifications to LTS-6.; 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, Chapters 7 and 29 for additional information.

See notes on the Design Standard, Structures Manual Volume 3 and SDG.

Use this *Design Standard* in conjunction with the FDOT Cantilever Overhead Sign Program and Index 11300.

Plan Content Requirements

See **PPM** Volume 2, Chapter 23.

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.

Table for use with a Spread Footing Foundation:

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