

Index 17723 Steel Strain Pole

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.

Design Assumptions and Limitations

The maximum span length for the Steel Strain Poles with Signal Cable is 250 feet. See the [PPM](#), Volume 1, Chapter 29 for more information.

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

The following computer-based design programs available for use on the [Structures Design Office Website](#):

- FDOT Strain Pole Program
- University of Florida Bridge Software Institute ATLAS Program

Plan Content Requirements

See [PPM](#) Volume 1, Chapter 7.

Payment

Item number	Item description	Unit Measure
649-1-ABC	Steel Strain Pole	EA