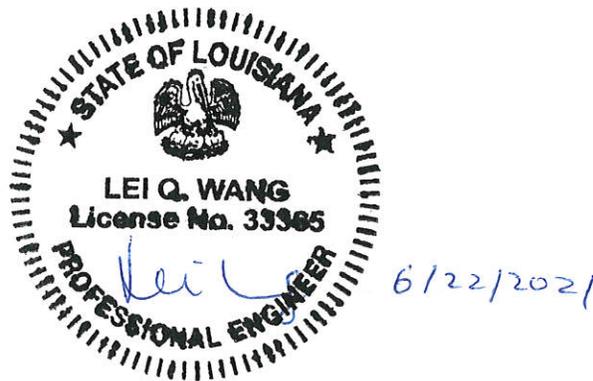


Louisiana
Department of Transportation
and
Development

Traffic Control Standard
Number 33

Span Wire Sign Bracket Assemblies



Revised June 22, 2021

GENERAL

The span wire sign bracket assemblies, both the pivoting design and the rotating design, will be used to hang standard traffic signs weighing up to 20 pounds onto span wire installations.

PRODUCT ID 52981 - Pivoting Span Wire Sign Bracket Assembly

The pivoting span wire sign bracket assembly shall pivot parallel to the span wire and shall not fully rotate around the span wire.

PRODUCT ID 12003 - Rotating Span Wire Sign Bracket Assembly

The rotating span wire sign bracket assembly shall be designed to fit at least 3" of signal cable and shall rotate 360 degrees around the span wire and signal cable without causing damage to the wire or the cable.

REQUIREMENTS

Each assembly shall include the following components:

Cable Saddle and Clamp Mechanism

The cable saddle shall be designed to fit at least 3/8" of span wire. The span wire clamp mechanism shall fasten the span wire to the cable saddle using bolts or other fastening devices.

Alignment Mechanism

The alignment mechanism shall allow position and angle adjustments to align the sign towards the roadway and prevent movement of the sign out of its intended alignment.

Sign Bar

A flat surface shall be provided on the sign bracket for attaching the sign. The surface shall be of a sufficient length, width, and design to provide the attachment of a sign that weighs up to 20 pounds. At least four (4) mounting holes shall be pre-drilled and located on the sign bar.

WIND TESTING

The bracket assemblies shall be wind tested by the manufacturer to withstand at least 90 mph winds while holding a 20 pound or heavier sign. Documentation of the test and the results may be required.

WARRANTY

All parts and components shall come with a one (1) year or standard manufacturer's warranty.

PACKAGING

Each assembly shall be preassembled with all hardware, parts, and components and shall be packaged together in one box to make one (1) complete unit as specified. Individual packages may be combined in cases or pallets. Split units packaged for bulk shipment will not be accepted.