



# Iowa Department of Transportation

## DEVELOPMENTAL SPECIFICATIONS FOR WIRE ROPE SAFETY BARRIER

Effective Date  
October 19, 2004

**THE STANDARD SPECIFICATIONS, SERIES 2001, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE DEVELOPMENTAL SPECIFICATIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.**

### **01051.01 GENERAL.**

Wire Rope Safety Barrier is a proprietary, four-strand high-tension cable barrier with concrete post foundations. Refer to the contract documents and the manufacturer for more detail.

### **01051.02 MATERIALS.**

The following supplier has been approved for the Wire Rope Safety Barrier:

Brifen USA  
9215 S. Shields Blvd.  
Oklahoma City, Oklahoma 73160  
405-793-9500  
1-866-4BRIFEN  
Contact: Jerry Emerson

Materials required for construction of the Wire Rope Safety Barrier shall meet the specifications set forth by the manufacturer.

For installations less than 1000 feet (300 meters) in length, one turnbuckle per strand shall be included near the center of the installation to allow for tensioning of the cables.

### **01051.03 CONSTRUCTION.**

The Contractor shall install Wire Rope Safety Barrier according to the manufacturer's recommendations. End anchors and concrete post foundations shall be constructed as per Article 2505.03, B, 4, of the

Standard Specifications. The barrier shall be tensioned according to the manufacturer's recommendations at the time of installation and then checked and adjusted approximately 3 weeks after installation.

**01051.04 METHOD OF MEASUREMENT**

The quantity of Wire Rope Safety Barrier will be measured in linear feet (meters). It will be measured from end anchor to end anchor.

**01051.05 BASIS OF PAYMENT**

The Contractor will be paid the contract unit price for Wire Rope Safety Barrier per linear foot (meter) as measured above. This payment shall be full compensation for all materials, labor, and equipment necessary to furnish and install the Wire Rope Safety Barrier, including end anchors and concrete post foundations.