

MICHIGAN
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION
FOR
SPAN WIRE

SIG:EMS

1 of 1

APPR:MLO:SCK:07-31-23

FHWA:APPR:08-08-23

a. Description. This work consists of furnishing and installing hardware, connector hangers, fittings, bull rings or three-way pull-off connections, span wire clamps, pole band clamps, associated stainless steel fasteners and a span wire.

b. Materials. Furnish material meeting the requirements of sections 818, 820, and 921 of the Standard Specifications for Construction.

1. Furnish span wire that is 5/16 inch nominal diameter for spans without tie-offs and 1/2 inch nominal diameter for spans with tie-offs, extra high-strength grade, 7-strand, galvanized, Class A, zinc-coated steel meeting the requirements of *ASTM A475*. Maintain clearance of 17 feet over roadway.

2. Ensure pole clamps and all other components in the load path from the wire to the pole are galvanized steel, capable of resisting a load of 6,570 pounds minimum for 5/16 inch nominal diameter span wire and 13,705 pounds minimum for 1/2 inch nominal diameter span wire without permanent distortion.

3. Ensure three-way pull-off connection or bull ring, galvanized or stainless steel, can resist a single pull load of 13,705 pounds minimum.

4. Materials will be accepted based on certification and visual inspection.

c. Construction. Complete this work in accordance with sections 818, 820 and 921 of the Standard Specifications for Construction, as shown on the plans, and as directed by the Engineer.

d. Measurement and Payment. The completed work, as described, will be measured and paid for at the contract unit price using the following pay item:

Pay Item	Pay Unit
Span Wire.....	Each