MICHIGAN

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FOR

**DECK GRATING**

RAL:JLD 1 of 1 APPR:SCK:MJF:12-15-22

**a. Description.** This work consists of furnishing, fabricating and erecting the proposed bridge walkway deck grating, including furnishing and installing mechanical fasteners per deck grating manufacturer requirements.

**b.** **Materials.** Furnish all materials in accordance with section 707 of the Standard Specifications for Construction.

Furnish steel grating in accordance with the size on the plans that that is in accordance with *ANSI/National Association of Architectural Metal Manufacturers Hollow Metal Manufacturers Association (NAAMM HMMA) – MBG 531-17*, rectangular bar grating, welded construction. Furnish a slip resistant coating to the top surface comprised of abrasive particles bonded to the steel with a maximum coefficient of friction of 0.8. Galvanize grating in accordance with *ASTM A123/A123M* after fabrication and in accordance with the slip resistant coating manufacturer’s recommendations. Fasten the grating in accordance with the manufacturer’s recommendations as approved by the Engineer.

Acceptance of the fabricated deck grating will be based on “Fabrication Inspection” per the *MQAP Manual*.

**c. Construction.** Complete all work in accordance with section 707 of the Standard Specifications for Construction, except as modified herein.

Mechanically attach deck grating to the bridge ties on the structure as recommended by the manufacturer and approved 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 items:

**Pay Item Pay Unit**

Deck Grating, Furn Square Foot

Deck Grating, Erect Square Foot

1. **Deck Grating, Furn** includes furnishing and fabricating the bridge walkway deck grating.

2. **Deck Grating, Erect** includes erecting the bridge walkway deck grating.