MICHIGAN

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FOR

**TEMPORARY BARRIER FLOATS AND BOUYS**

BRG:KAH 1 of 2 APPR:CRB:AJB:08-29-24

**a. Description.** This work consists of furnishing, installing, operating, maintaining, and removing marine barrier floats and buoys at the locations shown on the plans.

**b. Materials.** Furnish materials in accordance with the Uniform State Waterway Marking System and the following requirements of this special provision:

1. Furnish buoys and floats that follow international markings and colors.

2. Furnish buoys at least 6 inches in diameter, with at least 36 inches of the buoy exposed at water level.

A. If water levels are insufficient for buoys, furnish heavy duty application float collars or can buoys.

B. Where float collar buoys are used, furnish float collar buoys at least 12 inches in diameter and at least 30 inches in height.

3. Furnish regulatory or float collar buoys that are white with two orange bands completely around the circumference of the buoy: one band at the top, the other just above the water level.

4. Furnish barrier floats that are solid international orange in color.

5. Furnish warning lights on all buoys.

**c. Construction.** Complete this work in accordance with section 812 of the Standard Specifications for Construction, per the plans, and this special provision.

1. Attach barrier floats in series to restrict boating traffic or swimmers from entering construction-related danger areas. Install barrier floats to span the full width of the waterway. Install barrier floats for all river closures and remove barrier floats when the river is reopened to canoes, kayaks, swimmers, and recreational water traffic.

2. Install “Boats Keep Out” or “Closed Area” (diamond shaped legend with cross) buoys in the waterway, immediately upstream and downstream of the closure point as shown on the plans.

3. Install “Danger” buoys in the waterway upstream and downstream of the closure point as shown on the plans.

**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**

Regulatory Buoy, Closed Area, Temp Each

Regulatory Buoy, Danger, Temp Each

Barrier Float, Temp Foot

**Regulatory Buoy, Closed Area, Temp; Regulatory Buoy, Danger, Temp** and **Barrier Float, Temp** includes furnishing, installing, maintaining, and removing the marine barrier floats and buoys for the entire project.