

ROAD COMMISSION FOR OAKLAND COUNTY

SPECIAL PROVISION
FOR
TEMPORARY BARRIER FLOATS AND BOUYS

RCOC/DESIGN:AP

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RCOC20SP812B
ORG:11-17-21

a. Description

This work shall be done in accordance with section 812 of the *Michigan Department of Transportation (MDOT) 2020 Standard Specifications for Construction*, except as herein provided. This work consists of all labor, materials, and equipment necessary for the installation and removal of marine barrier floats and buoys at the locations shown on the plans.

b. Materials

All buoys shall meet the standards set by the Uniform State Waterway Marking System and shall follow international markings and colors.

1. All buoys must be at least six inches in diameter, with at least 36 inches of the buoy exposed at water level. If water levels are insufficient for buoys, heavy-duty application float collars or can buoys may be used instead. Float collar buoys must be at least 12 inches in diameter, and at least 30 inches in height. Buoys and float collar buoys are not to be mixed or intermingled at the same location.
2. Regulatory buoys or float collar buoys shall be all white, with two orange bands completely around the circumference of the buoy: one band at the top, the other just above the water level.
3. Barrier floats shall be solid international orange.

c. Construction

Install barrier floats and buoys as shown on the plans and in the details for this pay item.

1. Barrier floats must be attached in series to restrict boating traffic or swimmers from entering construction-related danger areas. Barrier floats must span the full width of the waterway. Barrier floats must be installed for all river closures and must be removed when the river is reopened to canoes, kayaks, swimmers, and recreational water traffic.
2. Buoys
 - A. Install "Boats Keep Out" or "Closed Area" (diamond shaped legend with cross) buoys in the waterway, immediately upstream and downstream of the closure point. All buoys shall have warning lights. These buoys are required for any work under the structure, or when there is a risk of construction debris falling.

B. Install "Danger" buoys in the waterway, immediately upstream and downstream of the closure point. These buoys are required for any construction work while the river is open to water traffic.

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(s):

Pay Item	Pay Unit
Regulatory Buoy, Closed Area, Temp.....	Each
Regulatory Buoy, Danger, Temp.....	Each
Barrier Float, Temp	Foot

Regulatory Buoy, Closed Area, Temp (Ea), Regulatory Buoy, Danger, Temp (Ea), and Barrier Float, Temp (Ft) include all costs for, but not limited to all labor, materials, and equipment necessary for the installation and removal of marine barrier floats and buoys at the locations shown on the plans.