



FOUR-FOOT TYPE III MOVEABLE BARRICADE FOR THE ADVANCE WARNING RAIL SYSTEM (MGS-09-01A)

1.0 DESCRIPTION. This specification covers four-foot wide Type III Movable Barricade used to be placed upstream of post mounted signs for the establishment of the Advance Warning Rail Systems.

2.0 GENERAL. The four-foot wide Type III barricade shall consist of three horizontal panels mounted to supports in such a manner that the entire assembly is capable of remaining upright and entirely free standing.

2.1 SUPPORT. The support structure shall consist of a minimum of two uprights capable of keeping the panels securely attached in the designated arrangement shown in Figure 1. The uprights shall be mounted to a base capable of supporting the entire assembly while remaining completely portable.

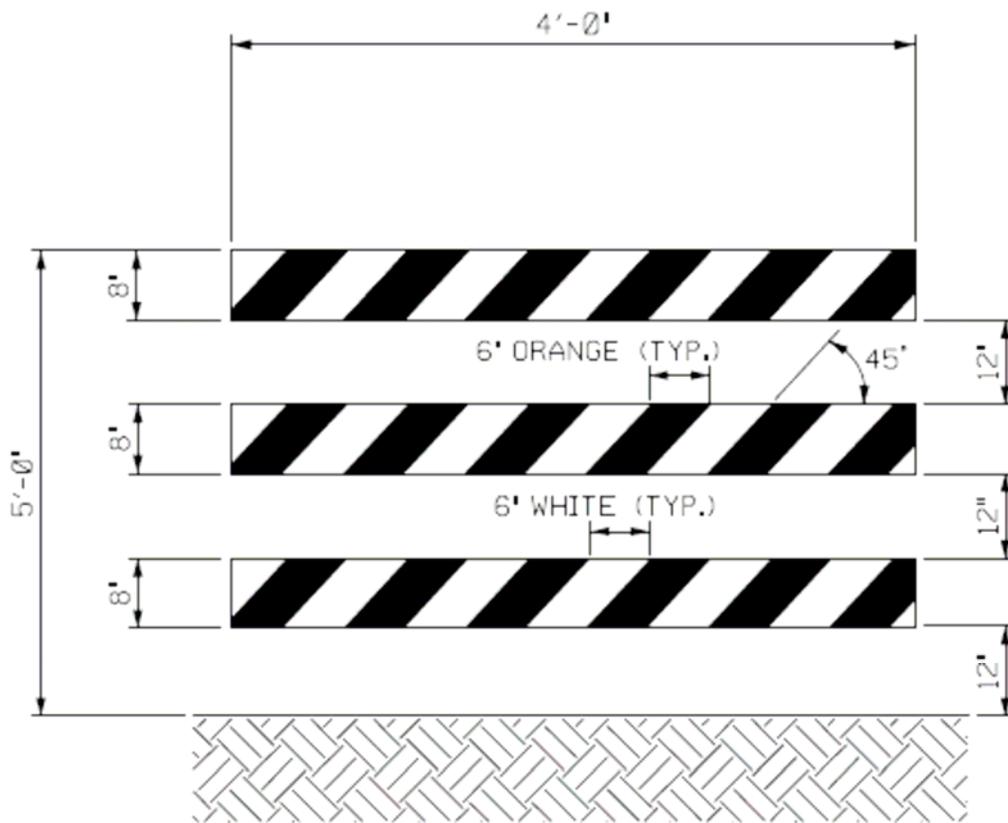
2.2 PANELS. The panels shall consist of a substrate of high-density polyethylene, wood, or other approved material in the dimensions shown in Figure 1. Nominal dimensions will be allowed for dimensional lumber. MoDOT Type 7 retroreflective sheeting in accordance with Sec 1042 shall be applied as shown in Figure 1 to one side of each panel and in the reverse image on the opposite side of each panel.

3.0 CERTIFICATION. The manufacturer shall provide written certification the four-foot wide Type III barricade provided complies with this specification and with the requirements of NCHRP 350, Test Level 3 when deployed as follows:

- a) a stand alone device,
- b) a device with two lightweight warning lights (refer to FHWA letter WZ-54),
- c) a device with a lightweight substrate sign (refer to FHWA letter WZ-85, and
- d) a device with two lightweight warning lights and a lightweight substrate sign (refer to FHWA letters WZ-54 and WZ-85).

4.0 ACCEPTANCE. Acceptance of four-foot wide Type III barricades will be by certification and any tests deemed necessary by the department for compliance with this specification.

Figure 1:



FOUR-FOOT WIDE TYPE III MOVEABLE BARRICADE