1. All fasteners may be zinc plated, galvanized or stainless steel. All steel angle and tubular steel shall be hot-rolled, high carbon steel, painted or galvanized.

2. Install one lightweight Type A Low-Intensity flashing warning light on the traffic side of the barricade. Install two Type A Low-Intensity flashing warning lights per barricade when the barricades are used to close a roadway. Attach the light to the barricade according to the light manufacturer's recommendations or use the details shown on this plan.

3. Stripes on barricade rails shall be alternating orange and white retroreflective stripes (sloping downward at an angle of 45 degrees in the direction traffic is to pass).

4. The Type 3 barricade design shown on this plan meets the crash test requirements of NCHRP 350. Alternative designs may be approved if they conform to the NCHRP 350 crash test criteria and the MUTCD.

5. When a sign is mounted on the barricade, it shall be securely bolted to at least two plywood panels. The top of the sign shall not be higher than the top panel of the barricade.

6. When sandbags are used in freezing weather, Urea fertilizer shall be mixed with the sand in a quantity to prevent the sand from freezing.

NOTES:

3/4" ACX PLYWOOD PANEL

FRONT OF BARRICADE

6" × 2" × 2" × 1/8"  TUBULAR STEEL

3/8" - 16 × 1 3/4" STEEL HEX BOLT
(2) 1" FLAT WASHERS
(1) LOCK WASHER
(1) 3/8" - 16 STEEL HEX NUT

SANDBAGS AS REQUIRED TO STABILIZE BASE - ALL LEGS

ISOMETRIC VIEW

WARNING LIGHT ATTACHMENT DETAIL

DRILL THREE 1/2" DIAM. HOLES THROUGH BARRICADE SUPPORT ANGLE

ATTACHMENT DETAIL A

ATTACHMENT DETAIL B

WARNING LIGHT ATTACHMENT DETAIL

DRILL TWO 1/2" DIAM. HOLES THROUGH BARRICADE SUPPORT ANGLE

(1) 3/8" - 16 × 3" STEEL HEX BOLT
(2) 1" FLAT WASHERS
(1) LOCK WASHER
(1) 3/8" - 16 STEEL HEX NUT

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.
area closed to traffic

2' MIN. USEABLE TRAFFIC LANE

stripes on the barricades shall slope downward in the direction traffic is to pass

area closed to traffic

2' MIN. USEABLE TRAFFIC LANE

road closure at intersection

road closure at other locations

barricade placement

type 3 barricade

standard plan k-80.20-00

kevin j. dayton 12-20-06

approved for publication

noting: this plan is not a legal engineering document but an electronic duplicate. the original, signed by the engineer and approved for publication, is kept on file at the washington state department of transportation. a copy may be obtained upon request.