Use straight construction. Tested in accordance with MDOT's current standard specifications for adhesive bonding agent manufacturer's recommendation and field bolts shall be proposed by the contractor in accordance with the chosen from the qualified products list in the current MDOT materials all bolt fasteners secured in concrete shall be 1/2" diameter "adhesive bonding jumper thru 1/4" hole in the bottom of the bottom rail only-adjacent to post and exothermic weld. Position the hole downward.

Expansion sleeve detail

All fence posts shall be 2'-0" nominal. 0.875" O.D. pipe and anti-climb shield pipe frames shall be 1/2" nominal 1.66" O.D. pipe in conformance with ASTM F669 class 1C.

Horizontal rails shall be 1/2" nominal 1.66" O.D. pipe in conformance with ASTM F669 class 1C.

All fence components, unless otherwise indicated, shall be galvanized in accordance with MDOT's current standard specifications for construction.

All posts, anti-climb shields, or other components to be fabricated shall be furnished "black" fabricated (welded) and then galvanized. Damaged galvanized surfaces (new and existing) shall be repaired in conformance with MDOT's current standard specifications for construction.

Fence fabric shall be 9 gauge mesh and be galvanized or aluminum coated in conformance with MDOT's current standard specifications for construction. Mesh size opening shall be 2" unless 1" mesh size opening is approved by the traffic and safety division and noted on design plans. All details on standard plan shall apply regardless of mesh size openings.

Galvanized 1/2" O.D. truss rods shall extend diagonally from the top connection clip at each tension bar to the adjacent post except across expansion joints and at light standards with a curved fence detail. A new and there are two or more continuous panels of fabric. All bolt fasteners secured in concrete shall be 1/2" diameter "adhesive bonding jumper thru 1/4" hole in the bottom of the bottom rail only-adjacent to post and exothermic weld. Position the hole downward.

Pipe connector detail

Use at anti-climb shield only

All labor, material and equipment required to install pedestrian structure, existing metal railing - R4

Michigan Department of Transportation
Bureau of Highway Development Standard Plan for Fencing for Pedestrian Structure

Existing Metal Railing - R4

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