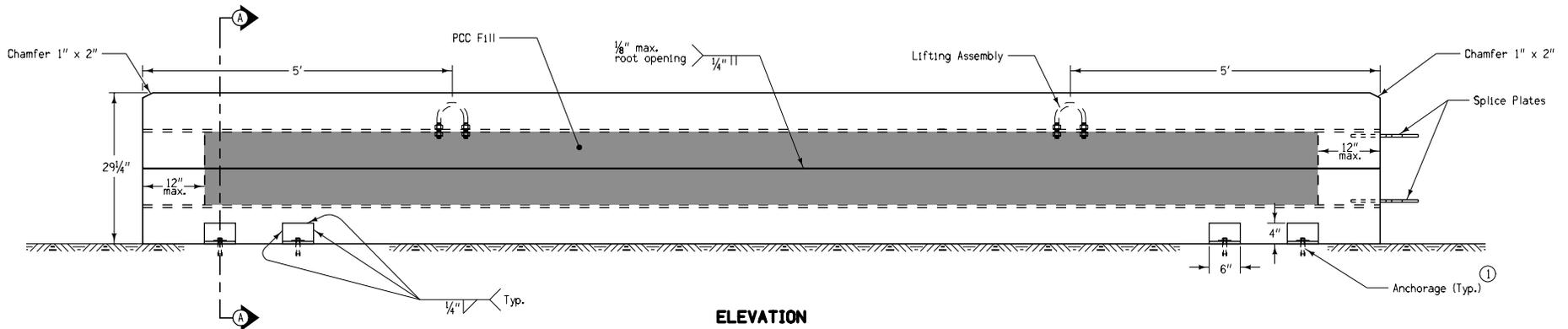
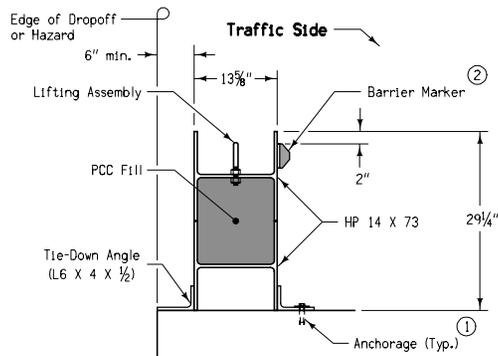


PLAN



ELEVATION



SECTION A-A

All steel shall meet the requirements of ASTM A36.

PCC Fill shall be either an Iowa DOT Construction Specification mix or a commercial ready-mix with a minimum $f_c = 2500$ psi. The PCC Fill shall be deposited by a method approved by the engineer. Limits of the fill shown are approximate and may be rough or slumped depending on the method of bulkheading.

The Contractor shall provide for an approved monitoring schedule with a person on call and available 24 hours a day, each day of the week, to realign barrier which has been struck. Initiation of service shall be within one hour of notification of need.

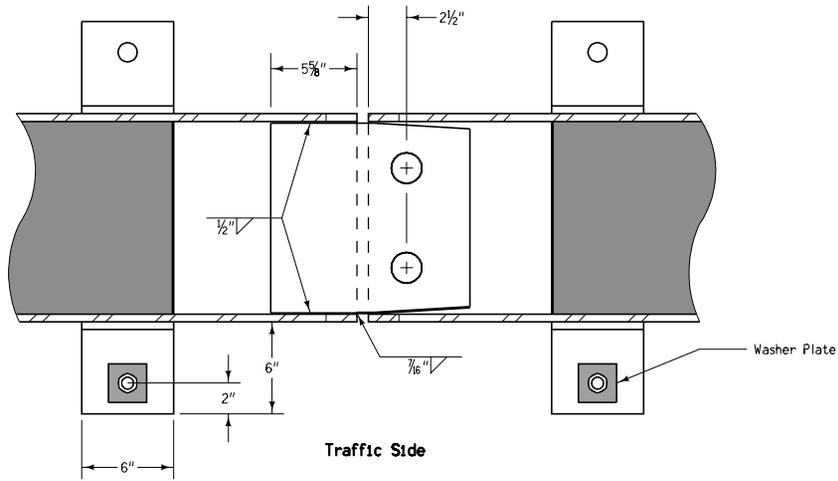
Unless stated otherwise in the contract documents, barrier rail sections shall remain the property of the Contractor and at the completion of the work shall be removed from the site by the Contractor.

① When specified in the contract documents, barrier rail sections shall be anchored to the pavement or bridge deck. In one-way traffic situations, anchorage shall be installed on traffic side of barrier only. Anchorage shall consist of a washer plate as shown and one of the following: Red Head Large Diameter Tapcon (3/4" x 4-1/2" minimum), or Simpson Titen HD (3/4" x 5" minimum). Following removal of anchorage, all holes shall be filled with an approved non-shrink grout. The cost of anchorage, when specified, shall be incidental to "Temporary Barrier Rail, Steel."

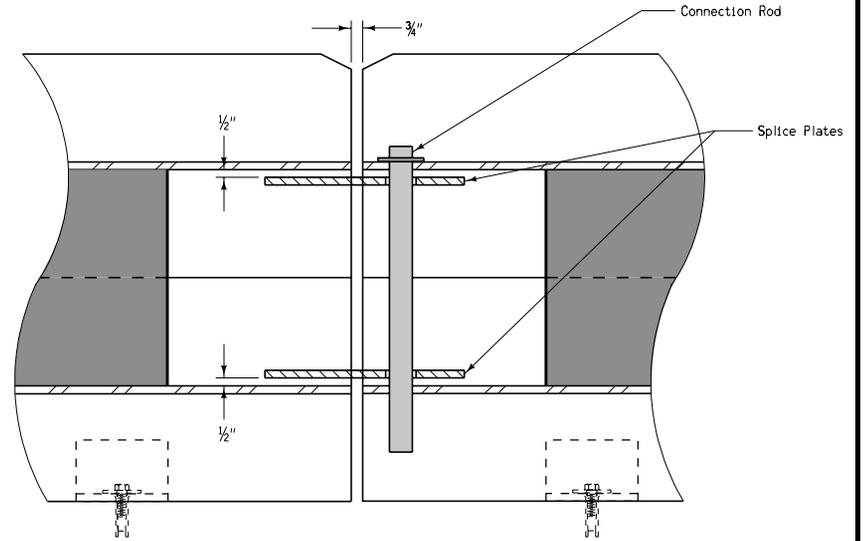
② Barrier Markers shall be furnished and installed by the Contractor. Markers shall be placed as recommended by the manufacturer and as shown on this sheet. Markers shall face oncoming traffic and the color shall match the adjacent edge line. The Contractor shall maintain the markers and promptly repair or replace any damaged or missing units. All costs for furnishing, installing and maintaining markers shall be included in the price bid for "Temporary Barrier Rail, Steel."

Contract Item:
Temporary Barrier Rail, Steel
Tabulation:
108-33

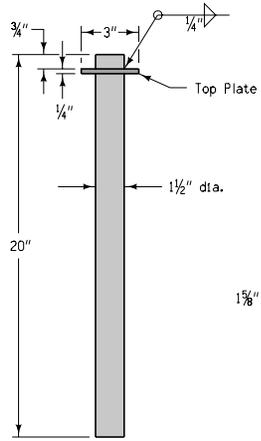
<p>Iowa Department of Transportation</p> <p>STANDARD ROAD PLAN</p> <p>REVISIONS: New.</p> <p><i>Deanna Macfild</i> APPROVED BY DESIGN METHODS ENGINEER</p> <p>TEMPORARY BARRIER RAIL (STEEL)</p>	<p>REVISION</p> <p>NEW 10-16-07</p>
	<p>RE-89</p> <p>SHEET 1 of 2</p>



**BARRIER CONNECTION
TOP SECTION**

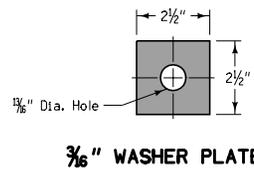


**BARRIER CONNECTION
SIDE SECTION**

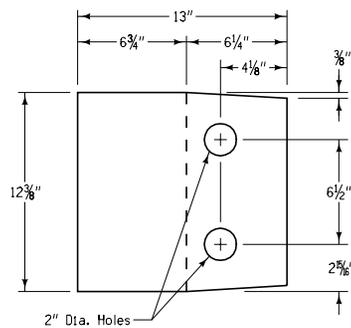


Connection Rod

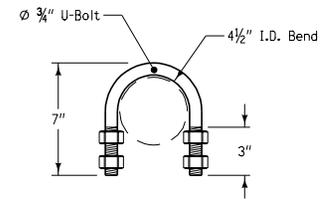
CONNECTION ROD ASSEMBLY



3/8" WASHER PLATE



1/2" SPLICE PLATE



LIFTING ASSEMBLY

 Iowa Department of Transportation	REVISION
	NEW 10-16-07
STANDARD ROAD PLAN	RE-89
REVISIONS: New.	SHEET 2 of 2

Deanna Macfitt
APPROVED BY DESIGN METHODS ENGINEER

**TEMPORARY BARRIER RAIL
(STEEL)**