



Following anchor removal, the holes shall be filled with one of the non-shrink grouts listed in Materials I.M. 491.13 Appendix B.

The cost of anchorage, when required, shall be incidental to "Temporary Barrier Rail, Concrete".

- ① 1 1/8" Grade 55, ASTM F-1554 Anchor Bolt with heavy hex nut and stop plate (ASTM A36).
- ② 3/4" Grade 55, ASTM F-1554 Anchor Bolt and Red Head 3/4" Drop-In Anchor (17,255 lbs. pull out strength) or approved equivalent.

 Iowa Department of Transportation Highway Division	
STANDARD ROAD PLAN RE-71(3)	
REVISION: NEW	REVISION NO.
	NEW
<i>Deanna Masfield</i>	
APPROVED BY DESIGN METHODS ENGINEER	
	REVISION DATE
	04-18-06
TEMPORARY BARRIER RAIL (PRECAST CONCRETE)	
(Sheet 3 of 4)	