## DESIGNER <br> INFO



For loop bars $6 \mathrm{~d} 1,6 \mathrm{~d} 2$, and 6 d 3 , use $\frac{3}{4}$ smooth steel bars with a minimum yield strength of 60 ksi , a tensile strength of not less than 1.25 times the yield strength but a minimum of
80 ksi, a minimum $14 \%$ elongation in 8 inches, and passing a 180 degree bend test using a $32^{11}$ pin bend diameter.
Install loops within $\frac{1}{8}$ " of the plan dimensions.
Use Grade 60, ASTM A615 for all other reinforcements. Do not lift or move using loop bars 6d1, 6d2 or 6d3
Provide for an approved monitoring schedule with a person on call and available 24 hours a day, each day of the week, realign barrier which has been struck. Initiate service within one hour of notification of need.
Unless stated otherwise in the plans, the barrier rail sections hall be the property of the Contractor. Remove from the site upon completion of work.

Following removal of anchorage, fill all holes with an approved non-shrink grout.
Tapered end section is not designed for use within 30 feet of traffic on facilities with speed limits 55 mph or greater, nor to 50 mph .
Estimated quantity of concrete for one taper section is 0.6 cubic yards.
nclude the cost of anchorage, when required in the price bid for "Temporary Barrier Rail, Concrete"
(1) Permanently mark one end of each rail section with manufacturing information. The "marked end" is that end of the barrier having one loop bar at the top and wo loop bars at the bottom. Include the following information in the marking:

- Manufacturer Identification
- Date Manufactured (Month and Year)
- BA-401 Type A
(2) Lifting hole. 4 inch diameter PVC Pipe
(3) 1 inch radius allowed.

Possible Contract Item:
Temporary Barrier Rail, Concrete
Possible Tabulation 108-33

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