GENERAL NOTES

1. CONCRETE BARRIER AND ALL ITS COMPONENTS SHALL BE DESIGNED BY THE CONTRACTOR AND
   PERFECT AS REQUIRED, SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE NEW HAMPSHIRE
   DEPARTMENT OF TRANSPORTATION AND THE BUREAU OF BRIDGE DESIGN.

2. MATERIALS PROVIDED BY THE CONTRACTOR MUST MEET THE REQUIREMENTS OF THE
   NCHRP REPORT 350 FOR TEST NO. 5-11 (MASH TL-5), NCHRP 157 VOL. 1.

3. SLOTS IN STRUCTURAL TUBES SHALL BE CUT WITH MECHANICALLY GUIDED MEANS TO A SMOOTH,
   UNIFORM SURFACE MEETING A SURFACE ROUGHNESS OF 25 \mu OR BETTER (ANSI B46.1).

4. CONCRETE BARRIER DETAILS SHOWN ON THIS SHEET ARE IN COMPLIANCE WITH REQUIREMENTS
   OF THE CONSTRUCTION DOCUMENTS.

5. SHOP DRAWINGS SHALL INCLUDE REINFORCING SCHEDULE.

6. CONCRETE BARRIER AND ALL ITS COMPONENTS SHALL BE FURNISHED BY THE CONTRACTOR AND
   PERFORMANCE BOND IS REQUIRED.  THE CONTRACTOR SHALL GUARANTEE THE COMPLETION OF THE
   WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

7. THE BARRIERS SHALL BE LIGHT COLORED CLASS AA CONCRETE HAVING A MINIMUM 28 DAY
   COMpressive strength of 4,000 PSI.  BARRIERS SHALL HAVE A SMOOTH UNIFORM SURFACE
   MEETING A SURFACE ROUGHNESS OF 25 \mu OR BETTER (ANSI B46.1).

8. STUD WELDING SHALL BE IN ACCORDANCE WITH SECTION 547.

9. I-BEAMS AND STRUCTURAL TUBES SHALL BE ASTM A36 OR A572 GALVANIZED AFTER FABRICATION,
   FREE OF DEFECTS AND IRREGULARITIES.  CASTING DATE SHALL BE SHOWN ON BARRIER.  ALL
   COMPRESSIVE STRENGTH OF 4,000 PSI.  BARRIERS SHALL HAVE A SMOOTH UNIFORM SURFACE
   MEETING A SURFACE ROUGHNESS OF 25 \mu OR BETTER (ANSI B46.1).

10. ALL REINFORCING STEEL SHALL BE AASHTO M31 (ASTM-A615) GRADE 60, EPOXY COATED.

11. CONCRETE BARRIER AND ALL ITS COMPONENTS SHALL BE FURNISHED BY THE CONTRACTOR AND
    PERFORMANCE BOND IS REQUIRED.  THE CONTRACTOR SHALL GUARANTEE THE COMPLETION OF THE
    WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

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