STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN

BRIDGE NO. STATE PROJECT
TOWN LOCATION

REV. DATE SHEET SCALE
DESIGNED DRAWN QUANTITIES
ISSUE DATE REV. DATE

FEDERAL PROJECT NO. SHEET NO. TOTAL SHEETS
FILE NUMBER OF BRIDGE SHEET DATE

CHECKED CHECKED CHECKED
DATE DATE DATE

SUBDIRECTORY 54SF-MED BARRIER .DGN LOCATOR AS NOTED

2/13 NHDOT 2/13 2/13 GMC ABH

SCALE: 2" = 1'-0"

4'-11" SINGLE SLOPE CONCRETE BARRIER SINGLE-FACED, PRECAST

#4 LONGITUDINAL BARS

4" HSS 4 x 2 x 9/16" S 3 x 7.5

†" Â STUD

CONNECTION DETAIL
SEE BARRIER

LEVELING SLOT
A

PERSPECTIVE VIEW
SCALE: 1" = 1'-0"

GENERAL NOTES
1. CONCRETE BARRIER AND ALL ITS COMPONENTS SHALL BE FURNISHED BY THE CONSTRUCTION CONTRACTOR IN ACCORDANCE WITH SECTION 547.
2. STUD WELDING SHALL BE IN ACCORDANCE WITH SECTION 550.
3. ALL REINFORCING STEEL SHALL BE AASHTO M31 (ASTM-A615) GRADE 60, EPOXY COATED.
4. CONCRETE BARRIER DETAILS SHOWN ON THIS SHEET ARE IN COMPLIANCE WITH REQUIREMENTS OF SECTIONS 500 AND 501.
5. SHOP DRAWINGS SHALL INCLUDE REINFORCING SCHEDULE.
6. LEVELING PADS, SHIMMING MATERIAL, AND FLOWABLE FILL SHALL BE SUBSIDIARY TO THE CONCRETE BARRIER.

MATERIAL NOTES
1. THE CONCRETE BARRIER 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 μ OR BETTER (ANSI B46.1).
2. CONCRETE BARRIER AND ALL ITS COMPONENTS SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE IN ACCORDANCE WITH SECTION 547.
3. SLOTS IN STRUCTURAL TUBES SHALL BE CUT WITH MECHANICALLY GUIDED MEANS TO A SMOOTH, FREE OF DEFECTS AND IRREGULARITIES. CASTING DATE SHALL BE SHOWN ON BARRIER. ALL ExPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1/8", UNLESS NOTED OTHERWISE.
4. CONCRETE BARRIER DETAILS SHOWN ON THIS SHEET ARE IN COMPLIANCE WITH REQUIREMENTS OF SECTIONS 500 AND 501.
5. ALL STRUCTURAL TUBES SHALL BE ASTm A572 GALVANIZED AFTER FABRICATION, IN ACCORDANCE WITH SECTION 550.
6. LEVELING PADS, SHIMMING MATERIAL, AND FLOWABLE FILL SHALL BE SUBSIDIARY TO THE CONCRETE BARRIER.

CONCRETE BARRIER REINFORCING SCHEDULE

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STRUCTURAL SECTION DETAILS S 3 x 7.5

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 μ OR BETTER (ANSI B46.1).

PAID AS ITEM 606.41351, 54" SINGLE SLOPE CONCRETE BARRIER, SINGLE-FACED, PRECAST.

ITEM 621.1 - RETROREFLECTIVE MEDIAN BARRIER DELINEATOR

ITEM 606.41351

PERSPECTIVE VIEW
SCALE: 1" = 1'-0"

SECTION A-A (REINFORCEMENT)
SCALE: 1" = 1'-0"

END VIEW (MASONRY)
SCALE: 1" = 1'-0"

ELEVATION
SCALE: 2" = 1'-0"

PLAN
SCALE: 2" = 1'-0"

SHEET INDEX