BARRIERS SHALL BE LIGHT COLORED CLASS AA CONCRETE, WITH MINIMUM COMPRESSIVE STRENGTH OF 4000 psi, SOLID EDGE LINE MARKINGS. DELINEATORS SUPPLEMENT, BUT DO NOT REPLACE, THE NEED FOR RETROREFLECTIVE MARKINGS.

Portables concrete barriers, inclusive of terminal ends, shall be approved by the Commissioner and posted as an item for competitive proposal. Concrete barriers shall be furnished in accordance with Section 1000 and all drawings and specifications shall be approved accordingly.

DELINERATORS SHALL BE ATTACHED TO BARRIER USING AN APPROVED ADHESIVE MATERIAL OR AS SHOWN ON SHEET.

MATERIAL NOTES

- Concrete barriers shall be light colored class AA concrete, with minimum compressive strength of 4000 psi, solid edge line markings.
- Delineators supplement but do not replace the need for retroreflective markings.
- All delineators shall conform to the color specifications of NCHRP Report 350.
This sheet shall be made to no modifications after proposal.

Scale: 2" = 1'-0"

PCB Standard Plan GR-23 (NCHRP 350)

ONLY REQUIRED FOR CONNECTION TO HIGHWAY

PORTABLE CONCRETE BARRIER - BRACED (2 OF 3)

MINIMUM 2 BRACED CONCRETE BARRIER UNITS REQUIRED BEYOND BRIDGE WORK AREA FOR SPEEDS GREATER THAN 45 MPH (TYP)

MINIMUM 1 BRACED CONCRETE BARRIER UNIT REQUIRED BEYOND BRIDGE WORK AREA FOR SPEEDS < 45 MPH (TYP)

BRACED SYSTEM SHALL BE ANCHORED (TYP) BARRIER UNIT AT END OF PORTABLE CONCRETE BARRIER (20' LONG UNIT)

JOINTS OF BRACED BARRIER LAYOUT REQUIRED WITHIN BRACED BARRIER LAYOUT

PORTABLE CONCRETE BARRIER (TYP)

STRUCTURAL TUBE & CONNECTIONS REQUIRED WITHIN BRACED BARRIER LAYOUT

TRANSITION SECTION

TRANSITION KEY

ELEVATIONS

PIPE Connection bars for PORTABLE CONCRETE BARRIER (TYP)

#6 CONNECTION BARS FOR PORTABLE CONCRETE BARRIER (TYP)

APPROXIMATE LOCATION (TYP)

1/8" OPENING BETWEEN PIPE SECTIONS (TYP)

1/8" PLATES (TYP)

SECTIONS

PIPE

TRANSITION KEY TYPICAL SECTION

TUBE CONNECTIONS (CURVED ALIGNMENT)

WORK AREA OUTSIDE CURVE

WORK AREA INSIDE CURVE

SCALE: 2" = 1'-0"

BARREL WORK AREA

ANCHORAGE DETAIL

TYPICAL SECTION

TRANSITION KEY

ELEVATIONS

PORTABLE CONCRETE BARRIER - BRACED (2 OF 3)

STATE OF NEW HAMPSHIRE

DEPARTMENT OF TRANSPORTATION

BRIDGE DESIGN

PORTABLE CONCRETE BARRIER - BRACED