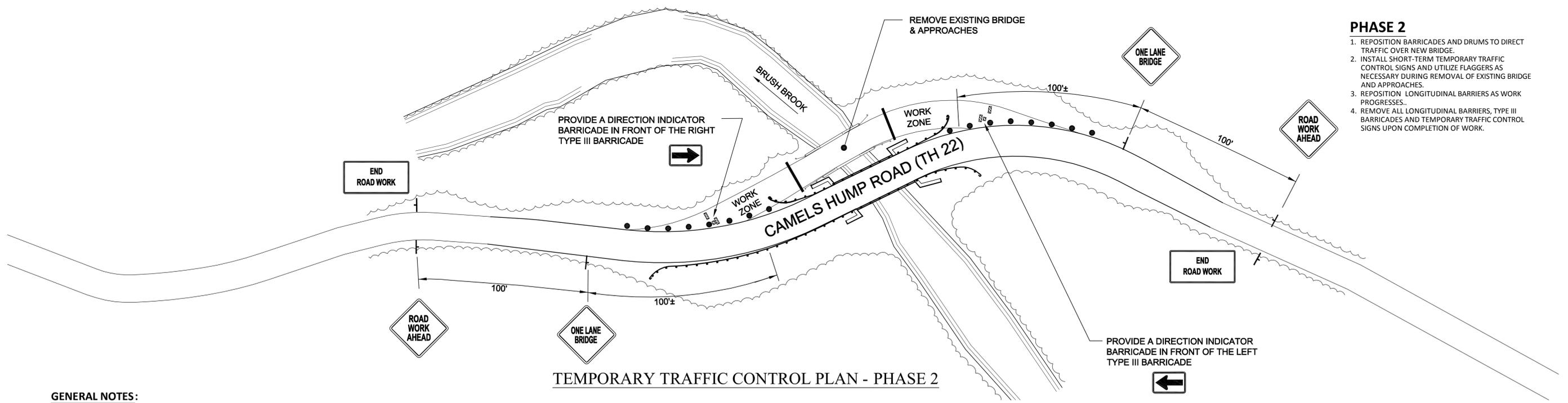


TEMPORARY TRAFFIC CONTROL PLAN - PHASE 1

**PHASE 1**

1. INSTALL ALL LONG-TERM TEMPORARY TRAFFIC CONTROL SIGNS, LONGITUDINAL BARRIERS AND TYPE III BARRICADES PRIOR TO COMMENCING WORK.
2. INSTALL SHORT-TERM TEMPORARY TRAFFIC CONTROL SIGNS AND UTILIZE FLAGGERS AS NECESSARY DURING CONSTRUCTION OF NEW BRIDGE AND APPROACHES.



TEMPORARY TRAFFIC CONTROL PLAN - PHASE 2

**PHASE 2**

1. REPOSITION BARRICADES AND DRUMS TO DIRECT TRAFFIC OVER NEW BRIDGE.
2. INSTALL SHORT-TERM TEMPORARY TRAFFIC CONTROL SIGNS AND UTILIZE FLAGGERS AS NECESSARY DURING REMOVAL OF EXISTING BRIDGE AND APPROACHES.
3. REPOSITION LONGITUDINAL BARRIERS AS WORK PROGRESSES.
4. REMOVE ALL LONGITUDINAL BARRIERS, TYPE III BARRICADES AND TEMPORARY TRAFFIC CONTROL SIGNS UPON COMPLETION OF WORK.

**GENERAL NOTES:**

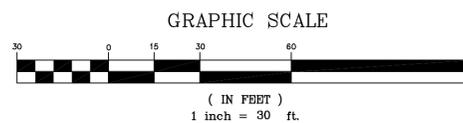
1. THIS SECTION OF CAMELS HUMP ROAD (TH #22) QUALIFIES AS A LOW-VOLUME ROAD AS DEFINED IN PART 5 OF THE MUTCD (VOLUME <400 VPH AND SPEED <35 MPH). THE POSTED SPEED LIMIT PER TOWN OF HUNTINGTON SIGN AND TRAFFIC ORDINANCE IS 20 MPH AT THE ONE-LANE BRIDGES. MUTCD CHAPTER 5G OUTLINES THE TEMPORARY TRAFFIC CONTROL REQUIREMENTS FOR LOW-VOLUME ROADS.
2. CHANNELIZING DEVICES (REFLECTORIZED DRUMS OR VERTICAL PANELS (36" MIN. HEIGHT) SHALL BE USED TO CLEARLY DEFINE THE DESIGNATED TRAVEL LANE AND PROVIDE SEPARATION FROM THE ACTIVE WORK ZONE. CHANNELIZING DEVICES SHALL BE SPACED 12 FT ON CENTER. TYPE III BARRICADES SHALL BE PLACED BEHIND THE CHANNELIZING DEVICES FACING ONCOMING TRAFFIC.
3. SHOULD IT BE NECESSARY TO STOP TRAFFIC DURING CONSTRUCTION, PROVIDE FLAGGERS AND INSTALL SHORT-TERM TEMPORARY TRAFFIC CONTROL SIGNS PER MUTCD TA-13 - TEMPORARY ROAD CLOSURE (INCLUDING "BE PREPARED TO STOP" SIGN). THE REQUIRED SIGN SPACING (DIMENSIONS A, B & C) SHALL BE 100 FT. ALL WORK SHALL BE CONDUCTED SUCH THAT TRAFFIC DELAYS DO NOT EXCEED 10 MINUTES, UNLESS LONGER PERIODS ARE AUTHORIZED BY THE RESIDENT ENGINEER. ALL SHORT-TERM TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED AT THE END OF EACH WORK DAY.

4. ALL TEMPORARY CONSTRUCTION SIGNS SHALL MEET THE FOLLOWING REQUIREMENTS:
  - A. WHERE SIGN INSTALLATIONS ARE NOT PROTECTED BY GUARDRAIL OR OTHER APPROVED TRAFFIC BARRIERS, ALL SIGN STANDS AND POST INSTALLATIONS SHALL MEET NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350 OR THE AASHTO MANUAL FOR ASSESSING SAFETY HARDWARE (MASH). THE APPROPRIATE RESOURCE SHALL BE DETERMINED AS DESCRIBED IN THE MASH PUBLICATION. NO SIGN POSTS SHALL EXTEND OVER THE TOP OF THE SIGN INSTALLED ON SAID POST(S). WHEN ANCHORS ARE INSTALLED, STUB SHALL NOT BE GREATER THAN 4 INCHES ABOVE EXISTING GROUND.
  - B. AS A MINIMUM, ROLL UP SIGN MATERIAL SHALL HAVE ASTM D4956 TYPE VI FLUORESCENT ORANGE RETRO-REFLECTIVE SHEETING.
  - C. ALL POST-MOUNTED SIGNS AND SOLID SUBSTRATE PORTABLE SIGNS SHALL HAVE ASTM D4956 TYPE VII, TYPE VIII, OR TYPE IX FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.
  - D. ALL RETROREFLECTIVE SHEETING ON TRAFFIC CONES, BARRICADES, AND DRUMS SHALL BE AT A MINIMUM ASTM D4956

- E. ALL STATIONARY SIGNS SHALL BE MOUNTED ON TWO 3 LB/FT FLANGED CHANNEL POSTS OR 2 INCH SQUARE STEEL INSERTED IN 2 INCH GALVANIZED SQUARE STEEL ANCHORS. NO SIGN POSTS SHALL EXTEND OVER THE TOP EDGE OF SIGN INSTALLED ON SAID POSTS.
- F. PRIOR TO PLACING TEMPORARY WORK ZONE SIGNS ON THE PROJECT, THE CONTRACTOR MUST FURNISH FOR THE ENGINEER'S APPROVAL A DETAIL FOR TEMPORARY WORK ZONE SIGNS ON STEEL POSTS SHOWING STUBS PROJECTING A MAXIMUM OF 4 INCHES ABOVE GROUND LEVEL AND BOLTS FOR SIGN POST.
- G. CONSTRUCTION SIGNS SHALL BE INSTALLED SO AS TO NOT INTERFERE WITH NOR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCES, AND CORNER SIGHT DISTANCES FROM DRIVES AND TOWN HIGHWAYS.
- H. ALL RETROREFLECTIVE SHEETING ON PERMANENT SIGNS (SIGNS TO REMAIN AFTER THE PROJECT IS COMPLETED) SHALL BE AT A MINIMUM ASTM D4956 TYPE III SHEETING, UNLESS OTHERWISE SHOWN ON THE PLANS.

**LEGEND**

- CHANNELIZATION DRUM
- ▨ TYPE III BARRICADE
- LONGITUDINAL BARRIER
- ⊥ LONG-TERM (STATIONARY) TEMPORARY TRAFFIC CONTROL SIGN
- ▽ SHORT-TERM (PORTABLE) TEMPORARY TRAFFIC CONTROL SIGN
- FLAGGER



5-03-2016	REVISED TRAFFIC CONTROL PLANS & NOTES	RD
Huntington BRO 1445(35) Bridge 30 Camels Hump Road		Project No. 16036
<b>TEMPORARY TRAFFIC CONTROL PLAN</b>		Survey -
Lamoureux & Dickinson Consulting Engineers, Inc. 14 Morse Drive, Essex, VT 05452 802-878-4450 www.LDengineering.com		Design RD
1		Drawn BH
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