



- NOTES:
1. FOUNDATION SOIL PROPERTIES ARE BASED ON SOIL BORINGS PROVIDED BY VTRANS DATED 5/21/15 THRU 5/27/15.
  2. DESIGN GROUNDWATER ELEVATION PER WET SOIL LAYER DESCRIPTION PER SOIL BORINGS.
  3. GROUND SURFACE PER CROSS SECTIONS.
  4. IF ACTUAL SITE CONDITIONS VARY FROM ABOVE ASSUMPTION, FOUNDATION REDESIGN IS REQUIRED.
  5. MIN. CONCRETE COMPRESSIVE STRENGTH OF 3,500 PSI @ 28 DAYS.
  - REINFORCING: ASTM A615 GR. 60.
  6. FOUNDATION SHALL BE CAST AGAINST UNDISTURBED EARTH
  7. IF REQUIRED, INSTALL CONDUIT PER OWNER SPECIFICATIONS.
  8. TOP OF FOUNDATION ELEVATION PER PROJECT PLANS.
  9. ALL WORK SHALL CONFORM TO VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.

CONCRETE FOUNDATION DATA					
FOUNDATION ID	DIAMETER	DEPTH	LONG. BARS	TIE SPA.	CONCRETE VOL. (C.Y.)
MAP-1, 45', B-102	3'-0"	9'-0"	8-#8	12"	3
MAP-2, 30'/20', B-103	3'-0"	10'-0"	8-#8	12"	3

**TRAFFIC POLE FOUNDATION DESIGN**  
**LUDLOW, VERMONT**  
**PROJECT NO. HES SGNL(44)**  
**Drawing No. 073017**