

CONCRETE NOTES:

CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURES.

1. APPROACH SLABS- 5000 PSI
2. CONCRETE WILL BE SUPPLIED BY CARROLL CONCRETE-CHARLESTOWN, NH PLANT
3. MIX DESIGN FOR 5000 PSI CONCRETE HAS BEEN SUBMITTED FOR APPROVAL.
4. TOP OF APPROACH SLABS SHALL HAVE A TEXTURED BROOM FINISH WITH KEYWAYS HAVING A ROUGHENED EXPOSED AGGREGATE FINISH WITH A MINIMUM AMPLITUDE OF $\frac{1}{8}$ ". THIS WILL BE ACCOMPLISHED USING EUCLD TYPE F SURFACE RETARDER @ A RATE OF 150 SQ FT PER GALLON PER MANF. PRODUCT DATA SHEET IS ATTACHED ON SHEET 15.
5. APPROACH SLABS FORMS CAN BE REMOVED AFTER 24 HOURS. CURE WILL CONTINUE BASED ON TABLE 501.17A "CURING CONCRETE COMPONENTS" 7 DAYS OF CURING. PER SECTION 501.17(5). PRECAST WILL NOT BE MOVED UNTIL IT HAS REACHED 3000 PSI PER LIFTING DESIGN.
6. ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED 1"
7. ALL LIFTING DEVICES ARE GALVANIZED
8. FORM MAY BE REMOVED IN 24 HOURS-NO CYLINDER BREAKS ARE REQUIRED
9. LIFTING AND HANDLING DESIGN STRENGTH OF 3000 PSI MUST BE ACHIEVED BEFORE HANDLING OF PRE-CAST. (AVG OF 2 CYLINDERS)
10. DOWEL SLEEVES TO BE WHITE POLYPROPYLENE CORRUGATED DUCTS FROM WILLIAMS FORMING OR EQUAL MEETING REQUIREMENTS OF ASTM D4101

APPROACH SLAB ERECTION PROCEDURE:

1. GRADE DENSE GRADED STONE TO 1" OF FINAL GRADE
 2. USE $\frac{3}{4}$ " MATERIAL FOR FINAL INCH
 3. GRADE AND COMPACT FINAL 1"
 4. SET FIRST SECTION OF APPROACH SLAB
 5. LIFT FIRST SECTION INSPECTING THE FINE GRADED MATERIAL FOR CONTACT WITH THE APPROACH SLAB.
 6. RE-GRADE AS NECESSARY AND RE-SET APPROACH SLAB
 7. REPEAT STEPS 1-6 FOR THE BALANCE OF APPROACH SLAB SECTIONS
- **THIS PROCEDURE HAS BEEN USED SUCCESSFULLY ON MULTIPLE VTRANS PROJECTS.

REINFORCING STEEL NOTES:

1. PRE-CAST APPROACH SLAB REINFORCING LEVEL III STAINLESS STEEL ASTM A955
2. TWO TEST BARS OF EACH SIZE AND MATERIAL WILL BE SUPPLIED AT A MIN 60" LONG SECTION

Vermont Agency of Transportation

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Woodstock Village BF 020-2(43) contractor fabricated approach slabs resubmit 1-26-18.pdf

CK'D BY Stephen Coley OK'D BY Rob Young

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