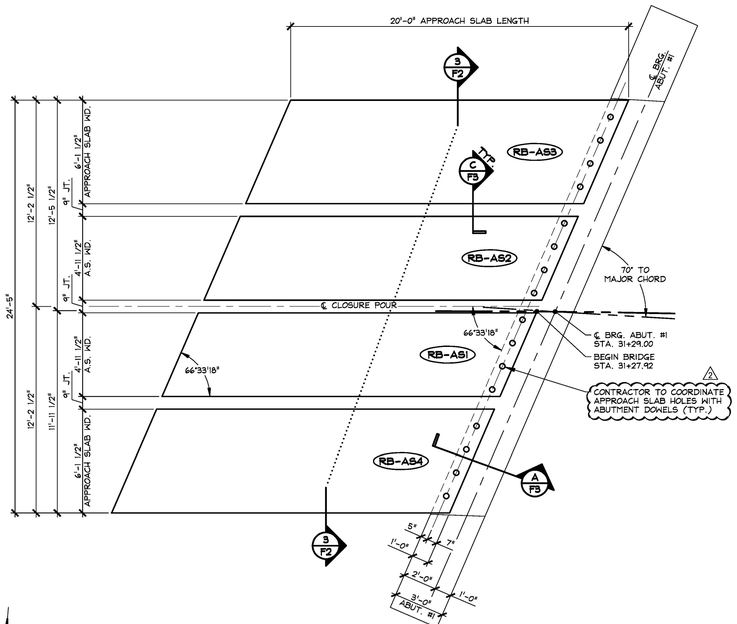
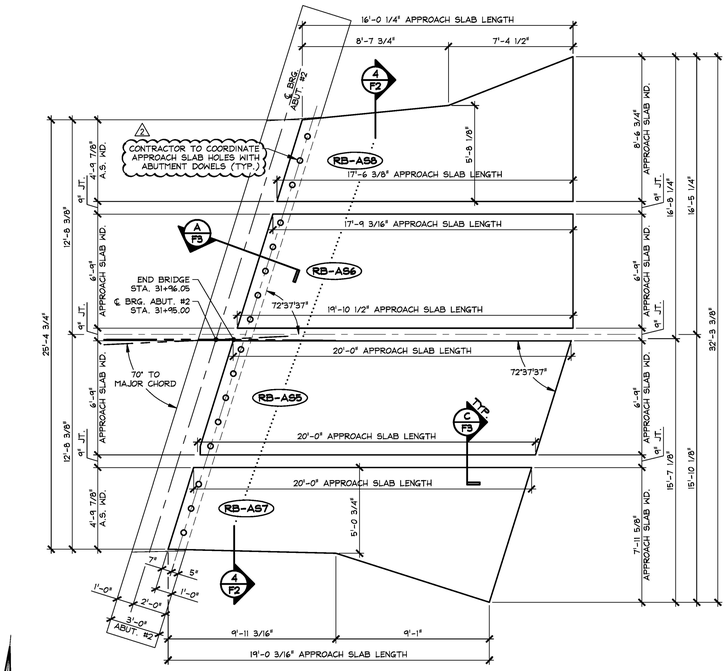


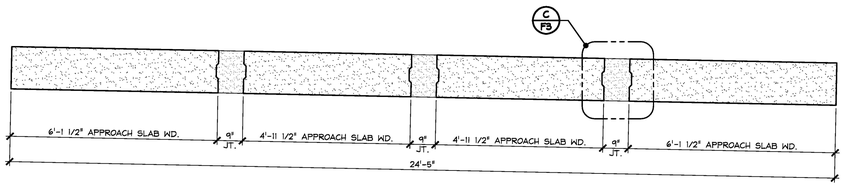
1 F2 PRECAST APPROACH SLAB #1 LAYOUT

1/4" = 1'-0"



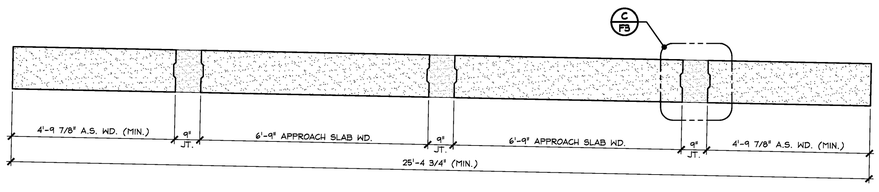
2 F2 PRECAST APPROACH SLAB #2 LAYOUT

1/4" = 1'-0"



3 F2 PRECAST APPROACH SLAB #1 TRANSVERSE SECTION

1/2" = 1'-0"



4 F2 PRECAST APPROACH SLAB #2 TRANSVERSE SECTION

1/2" = 1'-0"

APPROACH SLAB GENERAL NOTES

1. MIN. CONCRETE STRENGTH AT 28 DAYS SHALL BE 5,000 PSI.
2. MIN. CONCRETE STRENGTH FOR HANDLING SHALL BE 3,500 PSI (UNLESS NOTED OTHERWISE).
3. REINFORCING STEEL SHALL BE GR-520, ASTM A955 M, STAINLESS STEEL (2304 DUPLEX (UNS-S32304)) (AS NOTED ON SHOP DRAWINGS).
4. THE TOP OF APPROACH SLABS SHALL RECEIVE A SMOOTH SCREED FINISH (UNLESS NOTED OTHERWISE).
5. APPROACH SLABS SHALL BE HANDLED AND ERECTED USING THE LIFTING INSERTS ONLY. THE MINIMUM SLING ANGLE FROM THE HORIZONTAL SHALL BE 70°. APPROACH SLABS SHALL BE STORED & TRANSPORTED WITH TIMBER SUPPORTS AT 5th POINTS, UNLESS APPROVED BY J.P. CARRARA & SONS, INC. INSERT POCKETS TO BE GROUTED AFTER INSTALLATION (BY OTHERS). 1
6. MATERIAL SPECIFICATION AND MIX DESIGN SHALL CONFORM TO VERMONT SPEC. P540.02 AND P540.05 RESPECTIVELY.
   DESIGN MIX: J.P.C. BRIDGE MIX #4459SCC
   APPROVAL DATE JUNE 6, 2016 1
7. QUALITY CONTROL AND REPAIR PROCEDURES ARE IN ACCORDANCE WITH PCI REQUIREMENTS. J.P. CARRARA & SONS, INC. IS A PCI CERTIFIED PLANT.
8. CURING METHOD: AS SOON AS THE TOP OF SLAB IS FINISHED, A COVER OF POLY WILL BE PLACED OVER THE SLAB. NATURAL CURE WITH NO EXTERNAL HEAT APPLIED. AMBIENT ENCLOSURE TEMPERATURE SHALL BE MONITORED. UNITS SHALL NOT BE EXPOSED TO A TEMPERATURE DIFFERENTIAL GREATER THAN 40°F FOR LONGER THAN 30 MINUTES WHICH WILL BE NECESSARY TO REMOVE THE SURFACE RETARDER AND ACHIEVE THE DESIRED KEYWAY FINISH. UNITS SHALL NOT BE EXPOSED TO A TEMPERATURES LESS THAN 36°F UNTIL DESIGN STRENGTH IS ACHIEVED. 2
9. SHEAR KEY SURFACES SHALL BE ROUGHENED TO PROVIDE AN 1/8" AMPLITUDE EXPOSED AGGREGATE PROFILE. FABRICATOR MAY UTILIZE A SURFACE RETARDER WITH WATER BLAST, SAND BLAST, OR A COMBINATION OF BOTH TO ACHIEVE THE DESIRED SHEAR KEY SURFACE FINISH.

Vermont Agency of Transportation
RECEIVED
CK'D BY T.Y. Lin International OK'D BY J. Olund
January 24, 2017
RESUBMIT No Approved
BY D. Bonneau DATE 01/25/17

T.Y. LIN INTERNATIONAL
THE STAMPED DOCUMENTS ARE HEREBY:
_X_ APPROVED
___ APPROVED AS NOTED
___ REVISE AND RESUBMIT
SEE TRANSMITTAL FOR ADDITIONAL INFORMATION AS APPLICABLE.
THIS REVIEW IS FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT ONLY. ANY DEVIATION FROM THE PLANS OR SPECIFICATIONS NOT CLEARLY NOTED BY THE CONTRACTOR HAS NOT BEEN REVIEWED. REVIEW BY THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR OF THE CONTRACTUAL RESPONSIBILITY FOR ANY ERRORS OR DEVIATION FROM THE CONTRACT REQUIREMENTS.
JOSH OLUND, REVIEWER — January 25, 2017, DATE

2 1-24-17 REVISED AS NOTED
1 1-3-17 REVISED AS NOTED

APPROVAL STAMP:

J.P. CARRARA & SONS INC.
Precast & Prestress Manufacturer
2464 CASE STR., MIDDLEBURY, VERMONT 05753 Phone:(802)388-6361 Fax:(802)388-9010

J.P. SICARD, INC.
CONTRACTOR
BARTON, VERMONT

STATE OF VERMONT AGENCY OF TRANSPORTATION
COUNTY OF ORLEANS

VILLAGE OF BARTON
TH 4 (ROARING BROOK RD.), RURAL MINOR COLLECTOR
BRIDGE NO.: 58 PROJECT NO.: BO 1449(33)

PRECAST APPROACH SLAB LAYOUTS & TRANSVERSE SECTIONS

DATE: NOV. 18, 2016
SCALE: NOTED
CHKD: A.S. DFTM: B.L.
JOB NO: 23498-016
DWG. NO: F2
ROARING BROOK RD.

F:\VT-Bridges\23498-16 Barton\Roaring Brook\Roaring-F2.dwg, 1/24/2017 11:52:29 AM