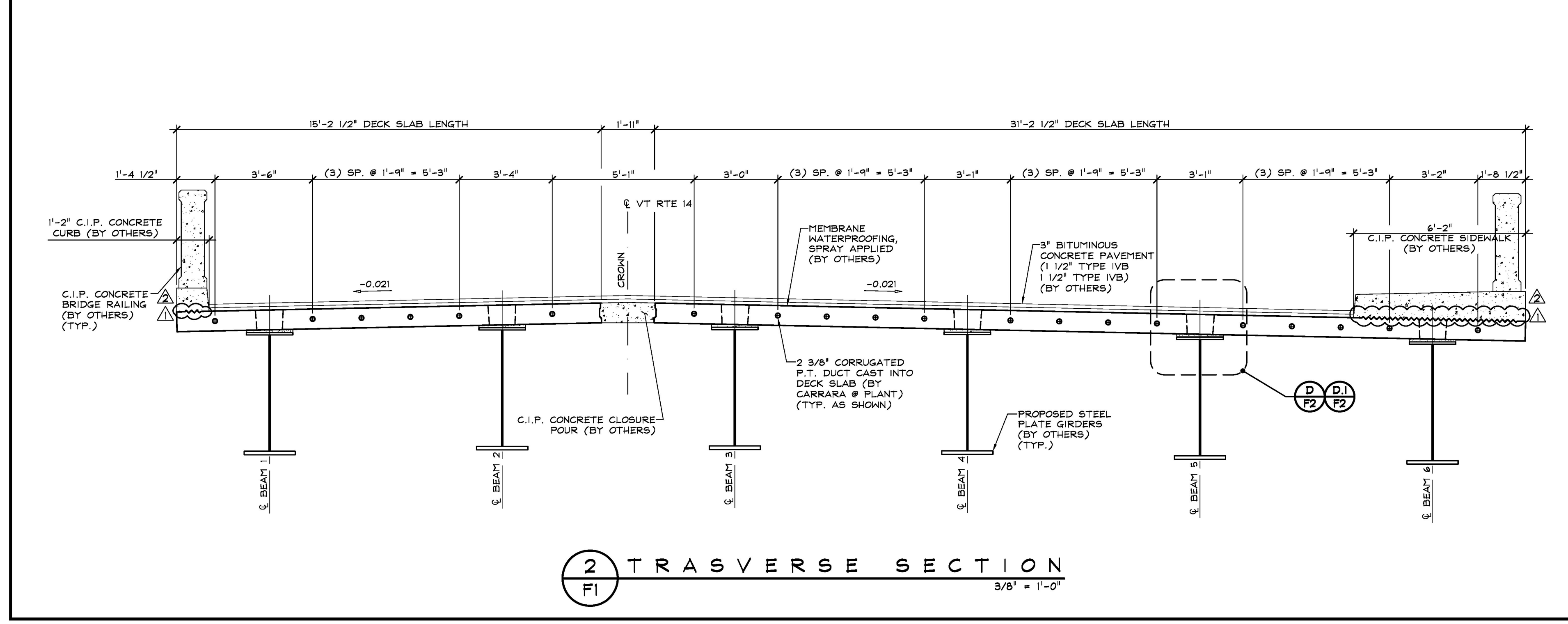


- ### GENERAL NOTES
- MIN. CONCRETE STRENGTH AT 28 DAYS SHALL BE 5,000 PSI.
 - MIN. CONCRETE STRENGTH FOR HANDLING SHALL BE 3,000 PSI OR 4,000 PSI. SEE INDIVIDUAL SHOP TICKET DRAWINGS 'S1' THROUGH 'S11'.
 - REINFORCING STEEL SHALL BE GR-520, ASTM 1951M STAINLESS STEEL (23004 DUPLEX UNS-532304).
 - THE TOP OF DECK SLABS SHALL RECEIVE A SMOOTH FLOAT FINISH (UNLESS NOTED OTHERWISE).
 - SHEAR KEY SURFACES SHALL BE LIGHT ROUGHENED. FABRICATOR MAY UTILIZE A SURFACE RETARDER WITH WATER BLAST, SAND BLAST, OR A COMBINATION OF BOTH TO ACHIEVE THE DESIRED SHEAR KEY SURFACE FINISH.
 - DECK SLABS SHALL BE HANDLED AND ERECTED USING THE LIFTING INSERTS ONLY. THE MINIMUM SLING ANGLE FROM THE HORIZONTAL SHALL BE 60°. DECK SLABS SHALL BE STORED & TRANSPORTED WITH TIMBER SUPPORTS AT LIFT LOCATIONS, UNLESS APPROVED BY J.P. CARRARA & SONS, INC.
 - MATERIAL SPECIFICATION AND MIX DESIGN SHALL CONFORM TO VERMONT SPEC. P540.02 AND P540.05 RESPECTIVELY.
 DESIGN MIX: J.P.C. BRIDGE MIX 445 M5CC (NO DCI)
 AIR: 5% - 9%
 SPREAD: 20" - 28"
 APPROVAL DATE: DECEMBER 15, 2017
 - QUALITY CONTROL PROCEDURES ARE IN ACCORDANCE WITH PCI REQUIREMENTS. J.P. CARRARA & SONS, INC. IS A PCI CERTIFIED PLANT.
 - CURING METHOD: AS SOON AS THE TOP OF DECK SLAB IS FINISHED, A COVER OF POLY-ETHYLENE SHALL BE PLACED OVER THE DECK SLAB (AND REPAIRS) UNTIL DESIGN STRENGTH IS ACHIEVED. 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 TO REMOVE THE SURFACE RETARDER FROM THE KEYWAY (IF SELECTED). UNITS SHALL NOT BE EXPOSED TO TEMPERATURES LESS THAN 36°F UNTIL DESIGN STRENGTH IS ACHIEVED.
 - DUNNAGE IS LOCATED UNDER LIFTER POSITIONS.
 - THE DRILLING OF HOLES OR USE OF POWER ACTUATED TOOLS ON DECK SLABS SHALL NOT BE PERMITTED.
 - THE DECK SLABS SHALL BE ORIENTED AND ERECTED WITH THE MARK-END AS SHOWN ON PLANS.
 - ALL CASTING TOLERANCES SHALL BE IN ACCORDANCE WITH PCI FULL DEPTH DECK PANEL GUIDELINES, 2ND EDITION, 2011.



APPROVED: Approval of drawings and/or procedures indicates concurrence with the information presented and does not relieve the Contractor or Fabricator of compliance with all specifications and code requirements.	X
APPROVED AS NOTED	
REVISE AND RESUBMIT	
NOT REVIEWED	
Date: 2/14/18	
By: <i>John E. Kinn</i>	
<small>This review by Stantec Consulting Services Inc. is for the sole purpose of ascertaining conformance with the general design concept. This review shall not mean that Stantec Consulting Services Inc. approves the detail design inherent in the shop drawings, responsibility for which shall remain with the Contractor. Submitting same, and such review shall not relieve the Contractor of his responsibility for errors or omissions in the shop drawing or of his responsibility for meeting all requirements of the Contract Documents. The contractor is responsible for dimensions to be confirmed and controlled at the job site, for information that pertains solely to the fabrication process or to techniques of construction and installation and for coordination of the work of all subcontractors.</small>	

12-15-17 REVISION SUBMITTAL #2 COMMENTS
 11-2-17 REVISION SUBMITTAL #1 COMMENTS

APPROVAL STAMP:	J.P. CARRARA & SONS INC. Precast & Prestress Manufacturer 2464 GISE STR., WOODBURY, VERMONT 05753 Phone: (802)388-6361 Fax: (802)388-9010	CCS CONSTRUCTORS, INC. CONTRACTOR MORRISVILLE, VERMONT
STATE OF VERMONT AGENCY OF TRANSPORTATION COUNTY OF WASHINGTON		DATE: SEPT. 14, 2017 SCALE: NOTED
TOWN OF EAST MONTPELIER VT ROUTE 14, MINOR ARTERIAL BRIDGE NO.: 68 PROJECT NO.: BRF 037-1 (7)		CHKD: K.P. DFTM: A.S. JOB NO: 23515-017
PRECAST CONCRETE DECK SLAB LAYOUT & TRANSVERSE SECTION		DWG. NO: F1