

## PROJECT NOTES

### GENERAL

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION 2011 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND ITS LATEST REVISIONS AND THE 5TH EDITION OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATION AND ITS LATEST REVISIONS.
2. ALL WORK AND ANY ASSOCIATED ACTIVITY ON THIS PROJECT SHALL BE PERFORMED WITHIN THE EXISTING RIGHT-OF-WAY LIMITS AS SHOWN IN THE REFERENCE PLANS.
3. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID DAMAGE TO THE EXISTING BRIDGE DECK, SIDEWALK AND APPROACH PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF ANY PROPERTY WHICH HAS BEEN DAMAGED DURING THE PROSECUTION OF WORK.
4. DIMENSIONS SHOWN ON EXISTING DETAILS ARE TAKEN FROM THE EXISTING FABRICATION PLANS AND LIMITED FIELD MEASUREMENTS AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING DETAILS NECESSARY FOR THE COMPLETION OF ALL WORK BY FIELD MEASUREMENT AND SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY AND ACCURACY THEREOF, AND SHALL NOT ORDER ANY MATERIAL OR COMMENCE ANY FABRICATION UNTIL THE REQUIRED MEASUREMENTS ON THE EXISTING STRUCTURE HAVE BEEN OBTAINED. FOR EMPHASIS ONLY, SOME PROPOSED DIMENSIONS ARE NOTED AS "VERIFY IN FIELD" OR "VIF", THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND DETAILS.

### PROTECTIVE COATINGS

5. ALL EXISTING STEEL SHALL BE CLEANED AND PAINTED IN ACCORDANCE WITH ITEM 900.645 SPECIAL PROVISION (QC/QA CLEAN AND PAINT EXISTING STEEL STRUCTURES, BARE STEEL). THE SURFACE PREPARATION OF THE EXISTING STEEL SHALL INCLUDE 100% REMOVAL OF THE EXISTING PAINT SYSTEM. NEW STEEL AND RAILING MEMBERS SHALL BE SHOP PRIMED AND FIELD PAINTED WITH THE SAME TOPCOAT AS THE EXISTING STEEL.
6. THE COLOR OF THE FINAL COAT OF PAINT SHALL BE GREEN (FEDERAL CHIP NO. 24112) IN ACCORDANCE WITH THE FEDERAL STANDARD NO. 595.
7. THE EXISTING STRUCTURAL STEEL ON THIS PROJECT WAS PAINTED WITH A MATERIAL WHICH MAY CONTAIN LEAD. THE CONTRACTOR SHALL INDEMNIFY AND HOLD THE STATE, ITS OFFICERS AND EMPLOYEES HARMLESS CONCERNING THE CONTRACTOR'S USE OR DISPOSITION OF THE STRUCTURAL STEEL. TEN DAYS PRIOR TO COMMENCING WORK WHICH INVOLVES THE HANDLING OR DISTURBANCE OF PAINTED COMPONENTS, THE CONTRACTOR SHALL PROVIDE DOCUMENTS TO THE ENGINEER, AS REFERENCED IN THE SPECIAL PROVISIONS.
8. A COAT OF GREASE RUSTPROOFING COMPOUND SHALL BE APPLIED TO THE EXISTING GUSSET PLATES ON THE LOWER PORTION OF THE TRUSS (BELOW THE TOP OF THE BRIDGE DECK). COST TO BE INCLUDED IN ITEM 900.645 SPECIAL PROVISION (QA/QC CLEAN AND PAINT EXISTING STEEL STRUCTURES, BARE STEEL).

### UTILITIES

9. EXISTING UTILITIES WILL BE RELOCATED BY OTHERS IN ACCORDANCE WITH SHT. 6.

### BRIDGE REPAIRS AND MODIFICATIONS

10. EXISTING BRIDGE RAILING SHALL BE REMOVED IN ACCORDANCE WITH ITEM 525.10 AND REPLACED WITH NEW STEEL BRIDGE RAIL IN ACCORDANCE WITH ITEM 900.640 SPECIAL PROVISION (BRIDGE RAILING, TRUSS). REFER TO SHT. 7 THRU 9 FOR DETAILS.
11. THE EXISTING TIMBER CURB SHALL BE REMOVED. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW TIMBER CURB IN ACCORDANCE WITH SECTION 522. REFER TO SHT. 10 FOR DETAILS. PAYMENT FOR REMOVAL OF THE EXISTING CURBING WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 529.20. PAYMENT FOR THE NEW CURBING WILL BE MADE UNDER ITEM 616.35.
12. THE EXISTING GLULAM TIMBER DECK SHALL BE PARTIALLY REMOVED ("SCALLOPED") AT INTERSECTIONS WITH TRUSS MEMBERS TO FACILITATE CLEANING AND PAINTING OF THE TRUSS MEMBERS. REFER TO SHT. 10 FOR DETAILS. CARE SHALL BE USED TO AVOID DAMAGE TO REMAINING STRUCTURE. COST TO BE INCLUDED UNDER ITEM 529.20 "PARTIAL REMOVAL OF STRUCTURE".
13. ITEM 529.20 "PARTIAL REMOVAL OF STRUCTURE" SHALL INCLUDE ALL PARTIAL REMOVAL, DISASSEMBLY AND REASSEMBLY (WHERE REQUIRED) AS NECESSARY TO COMPLETE THE CLEANING, PAINTING AND REPLACEMENT OF THE BRIDGE RAILING. THE COST OF THIS ITEM SHALL INCLUDE THE FOLLOWING:
  - REMOVAL OF THE EXISTING TIMBER CURB.
  - PARTIAL REMOVAL OF THE EXISTING TIMBER DECK.
  - REMOVAL OF EXISTING LACING IN AREAS WHERE REQUIRED FOR INSTALLATION OF BRIDGE RAILING.
  - REMOVAL AND RESETTING SIDEWALK PLANKING AS NECESSARY TO CLEAN AND PAINT TRUSS MEMBERS.

PARTIAL REMOVAL AND DISASSEMBLY ASSOCIATED WITH THE REPAIR OR REPLACEMENT OF STRUCTURAL STEEL WILL NOT BE INCLUDED UNDER ITEM 529.20 AND SHALL BE INCIDENTAL TO ITEM 506.60.

### TRAFFIC CONTROL/STAGING

13. THE CONTRACTOR SHALL DEVELOP A SITE SPECIFIC TRAFFIC CONTROL PLAN TO DETOUR TRAFFIC INCLUDING PEDESTRIAN AND BICYCLE TRAFFIC AROUND THE PROJECT SITE DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE PROPOSED DETOUR OF PEDESTRIANS WITH THE CITY OF MONTPELIER'S ASSISTANT DIRECTOR OF PUBLIC WORKS, TOM McARDLE (802-223-9508). THE CONTRACTOR SHALL DEVELOP THE DETOUR PLAN, INCLUDING A SIGN PACKAGE IN ACCORDANCE WITH THE CURRENT MUTCD AND SUBMIT THE PLAN FOR REVIEW BY THE ENGINEER. THE CONTRACTOR SHALL ALLOW THE ENGINEER 14 DAYS TO REVIEW AND ACCEPT THE PLAN BEFORE IT IS IMPLEMENTED. DEVELOPMENT AND IMPLEMENTATION OF THE PEDESTRIAN DETOUR PLAN INCLUDING SIGNS, CHANNELIZING DEVICES, LINES STRIPING OR OTHER INCIDENTALS SHALL BE PAID FOR UNDER ITEM 641.10.
14. THE CONTRACTOR MAY USE THE EXISTING ROADWAY (GRANITE STREET) ADJACENT TO THE EXISTING BRIDGE FOR STAGING OF EQUIPMENT. ACCESS TO EXISTING DRIVES AND SIDE STREETS MUST BE MAINTAINED AT ALL TIMES THROUGHOUT CONSTRUCTION.
15. THE EXISTING BRIDGE IS RATED FOR A MAXIMUM LOAD OF 16,000 POUNDS. CONSTRUCTION EQUIPMENT SHALL NOT EXCEED THIS LOAD LIMIT.

### STRUCTURAL STEEL

16. ALL STRUCTURAL COMPONENTS OF THE BRIDGE SHALL BE INSPECTED BY THE CONTRACTOR AND THE ENGINEER FOR ADDITIONAL AREAS IN NEED OF REPAIR NOT SHOWN ON THE CONTRACT DOCUMENTS. ANY ADDITIONAL REPAIRS SHALL BE MADE AT THE DISCRETION OF THE ENGINEER AND SHALL BE APPROVED BY THE ENGINEER. ADDITIONAL REPAIRS SHALL BE PAID FOR UNDER CONTRACT ITEM 506.60. 1,000 POUNDS OF STEEL HAS BEEN INCLUDED IN THE ESTIMATED QUANTITY FOR ITEM 506.60 IN ANTICIPATION OF THE NEED FOR ADDITIONAL REPAIRS.



PROJECT NAME: MONTPELIER  
PROJECT NUMBER: BF BPNT (17)

FILE NAME: z13j290frm.dgn  
PROJECT LEADER: T. KNIGHT  
DESIGNED BY: T. KNIGHT  
PROJECT NOTES

PLOT DATE: 6/23/2014  
DRAWN BY: L. BUXTON  
CHECKED BY: T. KNIGHT  
SHEET 2 OF 16