

**GENERAL**

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011 AND ITS LATEST REVISIONS, THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FIFTH EDITION, DATED 2010 AND ITS LATEST REVISIONS AND THE AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS THIRD EDITION, DATED 2010 AND ITS LATEST REVISIONS.
2. ALL INFORMATION, DIMENSIONS, AND DETAILS PROVIDED IN THE PLANS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING THE WORK.
3. ALL WORK IS TO BE COMPLETED WITHIN THE AVAILABLE TOWN-OWNED RIGHT-OF-WAY. THE THREE ROD R.O.W. PORTION IS ASSUMED TO BE APPROXIMATELY CENTERED ABOUT THE EXISTING CENTER LINE OF THE BRIDGE OR ROADWAY. NO PROVISIONS HAVE BEEN MADE TO GO OUTSIDE THE EXISTING RIGHT-OF-WAY AND NO WORK SHALL BE PERFORMED OR PAID FOR OUTSIDE THE EXISTING TOWN-OWNED RIGHT-OF-WAY LIMITS. SHOULD THE CONTRACTOR REQUIRE ADDITIONAL R.O.W, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL EASEMENTS AT NO ADDITIONAL COST TO THE STATE.
4. GREAT CARE SHALL BE TAKEN BY THE CONTRACTOR TO PREVENT ANY MATERIAL FROM ENTERING THE STREAM BED PER SECTION 105 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION. ANY MATERIAL THAT DOES ESCAPE THE CONTRACTOR'S CONTAINMENT SYSTEM WILL BE RECOVERED IMMEDIATELY.
5. ALL WORK SHALL PROCEED IN A CAREFUL, ORDERLY MANNER SO THAT AFFECTED HISTORIC STRUCTURES ARE NOT DAMAGED IN ANY WAY. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO THE STRUCTURE AS A RESULT OF ITS OPERATIONS AT NO COST TO THE STATE. ALL DAMAGE WILL BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY AND NO REPAIRS WILL BE MADE UNTIL APPROVED BY THE AGENCY.
6. THE BRIDGE WILL REMAIN CLOSED DURING CONSTRUCTION. PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL SUBMIT A SEQUENCE OF CONSTRUCTION FOR THE ENGINEER'S APPROVAL. THE SEQUENCE OF CONSTRUCTION SUBMITTAL WILL BE CONSIDERED INCIDENTAL TO THE WORK REQUIRED FOR ITEM 635.11, MOBILIZATION/DEMOLITION. GENERAL PLACEMENT OF APPROACH SIGNING AND "ROAD CLOSED" SIGNS SHALL BE PLACED ACCORDING TO THE MUTCD.
7. EXCEPT AS NOTED OTHERWISE, ITEM 529.20, PARTIAL REMOVAL OF STRUCTURE, WILL INCLUDE ANY WORK NECESSARY TO FACILITATE AND ACCOMPLISH THE PROJECT SCOPE OF WORK AS DEFINED BY THE CONTRACT DOCUMENTS AND AS DIRECTED BY THE ENGINEER: REMOVING AND DISPOSING OF SUPERSTRUCTURE MEMBERS AND PORTIONS OF MEMBERS; AS WELL AS REMOVING AND STOCKPILING MEMBERS AND PORTIONS OF MEMBERS FOR RE-USE, INCLUDING REMOVING AND STOCKPILING MEMBERS AND PORTIONS OF MEMBERS FOR THE CONTRACTOR'S METHOD OF REHABILITATION. NO BURNING OF REMOVED MATERIALS AT THE PROJECT SITE WILL BE ALLOWED. EXISTING COVERED BRIDGE LUMBER AND TIMBERS MAY CONTAIN HAZARDOUS WOOD PRESERVATIVES. THE CONTRACTOR SHALL INDEMNIFY AND HOLD THE STATE, ITS OFFICERS, AND EMPLOYEES HARMLESS REGARDING THE CONTRACTOR'S HANDLING OF THESE MATERIALS AND SUBSEQUENT USE, RE-USE, AND DISPOSAL OF THIS LUMBER OR TIMBERS.
8. EXCEPT AS NOTED, ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1" X 1".
9. WHERE NOT NOTED, ALL LUMBER AND TIMBER DIMENSIONS ARE IN INCHES.
10. UNLESS NOTED OTHERWISE, ALL NEW STRUCTURAL LUMBER AND TIMBER SHALL BE UNTREATED, FULL SAWN (TO THE INDICATED CROSS SECTION DIMENSIONS) ROUGH SURFACE MEMBERS OR BOARDS. WHEN SPECIFIED, PRESSURE TREATMENT SHALL BE TYPE II, PER SECTION 726 OF THE STANDARD SPECIFICATIONS.
11. THE WORK PAID FOR UNDER ITEM 506.60, STRUCTURAL STEEL, WILL INCLUDE: NEW GALVANIZED ½" X 10" X 10" STEEL PLATES; 1" DIA. TIE RODS, TURNBUCKLES, NUTS AND WASHERS AS WELL AS RAIL POST ANCHOR BOLTS, NUTS AND WASHERS. FABRICATION PLAN AND ERECTION PLAN SUBMITTALS WILL NOT BE REQUIRED FOR STEEL COMPONENTS FURNISHED UNDER PAY ITEM 506.60. ALL ROD ASSEMBLIES SHALL BE SNUG TIGHT OR TIGHTENED AS DIRECTED BY THE ENGINEER.
12. THE EXISTING CAMBER OF THE SUPERSTRUCTURE IS ASSUMED TO BE ADEQUATE AND SHALL BE MAINTAINED DURING REHABILITATION CONSTRUCTION ACTIVITIES, UNTIL COMPLETION OF THE PROJECT. SEE SPECIAL PROVISION 900.645, REHABILITATING COVERED BRIDGE SUPERSTRUCTURE. AT THE BEGINNING AND END OF THE PROJECT, THE CONTRACTOR SHALL MEASURE EXISTING CAMBER, TAKING ROD SHOTS AT EACH PANEL POINT OR CROSS TIE LOCATION FOR EACH TRUSS, AND SUBMITTING THESE RESULTS TO THE ENGINEER. PAYMENT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (REHABILITATING COVERED BRIDGE SUPERSTRUCTURE).

**TIMBER CONNECTORS**

13. EXCEPT AS SPECIFIED IN THE STRUCTURAL STEEL NOTES, PAYMENT FOR STRUCTURAL LUMBER AND TIMBER AND NON-STRUCTURAL LUMBER QUANTITIES SHALL BE FULL COMPENSATION FOR DETAILING, FURNISHING, TRANSPORTING, HANDLING, PLACING AND INSTALLING NEW AND REUSED TIMBER CONNECTORS WHICH ARE USED TO CONNECT NEW LUMBER AND TIMBER MEMBERS WITH EXISTING LUMBER AND TIMBER MEMBERS.
14. EXCEPT AS SPECIFIED IN THE STRUCTURAL STEEL NOTES, DETAILING, FURNISHING, TRANSPORTING, HANDLING, AND INSTALLING NEW AND REUSED TIMBER CONNECTORS WHICH ARE USED TO CONNECT EXISTING LUMBER AND TIMBER MEMBERS SHALL BE CONSIDERED INCIDENTAL TO THE WORK REQUIRED FOR ITEM 900.645 SPECIAL PROVISION (REHABILITATING COVERED BRIDGE SUPERSTRUCTURE).

**MATERIALS FOR LUMBER AND TIMBER**

MEMBER TYPE	PROPOSED SIZE (SAWN TO ACTUAL SIZE UNLESS NOTED OTHERWISE)	PROPOSED SPECIES & STRESS GRADE	PRESERVATIVE PRESSURE TREATMENT	FINISH	PAY ITEM FOR COMPONENT
TRUSS - TOP CHORDS	10" X 10"	SOUTHERN YELLOW PINE NO.1		ROUGH	522.20 STRUCTURAL LUMBER AND TIMBER, UNTREATED
TRUSS - BOTTOM CHORDS	8" X 8"	SOUTHERN YELLOW PINE NO.1		ROUGH	522.20 STRUCTURAL LUMBER AND TIMBER, UNTREATED
TRUSS - ARCHES (REPAIR AS REQUIRED)	4 ¾" X 11 ¾"	EASTERN HEMLOCK NO.1		ROUGH	522.20 STRUCTURAL LUMBER AND TIMBER, UNTREATED
TRUSS - DIAGONALS	10" X 8"	SOUTHERN YELLOW PINE NO.1		ROUGH	522.20 STRUCTURAL LUMBER AND TIMBER, UNTREATED
TRUSS - POSTS	10" X 17 ½" (MAX.)	SOUTHERN YELLOW PINE NO.1		ROUGH	522.20 STRUCTURAL LUMBER AND TIMBER, UNTREATED
TRUSS - UPPER CHECK BRACES	9 ¾" X 3 ½"	EASTERN HEMLOCK NO.1		ROUGH	522.20 STRUCTURAL LUMBER AND TIMBER, UNTREATED
KNEE BRACES	4 ¾" X 4"	EASTERN HEMLOCK NO.1		ROUGH	522.20 STRUCTURAL LUMBER AND TIMBER, UNTREATED
<del>STRUCTURAL SIDING NAILERS</del>	<del>1 ½" X 5 ½", 1 ¼" X 4"</del>	<del>EASTERN SPRUCE NO.1</del>		<del>ROUGH</del>	<del>522.20 STRUCTURAL LUMBER AND TIMBER, UNTREATED</del>
SIDING	1" X 8"	EASTERN HEMLOCK NO.1 COMMON		ROUGH	522.30 NONSTRUCTURAL LUMBER, UNTREATED
SIDING TRIM	MATCH EXISTING	EASTERN SPRUCE NO.1 COMMON		ROUGH	522.30 NONSTRUCTURAL LUMBER, UNTREATED
BLOCKING	AS NOTED	* DOUGLAS FIR NO.1, UNLESS NOTED OTHERWISE	TYPE II	ROUGH	522.25 STRUCTURAL LUMBER AND TIMBER, TREATED
WEARING SURFACE	1 ¾" X 10"	WHITE OAK NO.2		ROUGH	522.20 STRUCTURAL LUMBER AND TIMBER, UNTREATED
GLULAM FLOOR BEAMS	12 ¾" X 10 ½"	16F - V2 SP/SP	TYPE II	INDUSTRIAL APPEARANCE	522.40 STRUCTURAL GLUED LAMINATED TIMBER
GLULAM FLOOR DECKING	5 ½" X 33" DECK PANELS W/ 5 ½" X 5 ½" TRANSVERSE STIFFENERS	16F - V2 SP/SP	TYPE II	INDUSTRIAL APPEARANCE	522.40 STRUCTURAL GLUED LAMINATED TIMBER
WOOD TRUNNELS	1 ¼" DIA.	WHITE OAK			900.645 SPECIAL PROVISION (REHABILITATING COVERED BRIDGE SUPERSTRUCTURE)

\* UNTREATED BLACK LOCUST BLOCKING MAY BE SUBSTITUTED. IN THIS CASE, MOISTURE CONTENT AND CERTIFICATION REQUIREMENTS OF THE STANDARD SPECIFICATIONS SHALL BE WAIVED.

PROJECT NAME:	CHARLOTTE
PROJECT NUMBER:	BO 1445(36)
FILE NAME:	sl4j235notes.dgn
PROJECT LEADER:	M. SARGENT
DESIGNED BY:	J. WEAVER
PROJECT NOTES AND MATERIALS TABLE	
PLOT DATE:	26-FEB-2016
DRAWN BY:	G. ROY
CHECKED BY:	J. WEAVER
SHEET	3 OF 13