

PROJECT NOTES (Continued)

WOOD FOR COVERED BRIDGE

23. WOODEN MEMBERS WERE DESIGNED WITH THE 2001 AMERICAN FOREST & PAPER ASSOCIATION NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.

24. ALL LUMBER AND TIMBER SHALL BE FULL SAWN TO THE DIMENSIONS GIVEN IN THE PLANS AS DESCRIBED IN SUBSECTION 709.01(d) (1).

25. WOOD SPECIES AND GRADES BY PAY ITEM FOR MEMBERS

a. ITEM 522.20 "STRUCTURAL LUMBER AND TIMBER, UNTREATED"

SOUTHERN PINE, GRADE NO. 1
UPPER TOP TRUSS CHORDS
LOWER TOP TRUSS CHORDS
UPPER BOTTOM TRUSS CHORDS
LATTICES

WHITE OAK, GRADE NO. 3 OR BETTER
RUNNING PLANKS

SPRUCE-PINE-FIR, GRADE NO. 1
RIDGE PLATE
RAFTERS
COLLAR TIES
TIE BEAMS
UPPER LATERAL BRACING
LOWER LATERAL BRACING
KNEE BRACES
OVERHANG BRACES

b. ITEM 522.25 "STRUCTURAL LUMBER AND TIMBER, TREATED"

SOUTHERN PINE, GRADE NO. 1
BEARING BLOCKS
BEDDING BLOCKS

c. ITEM 522.30 "NONSTRUCTURAL LUMBER, UNTREATED"

EASTERN HEMLOCK-OR EASTERN SPRUCE, GRADE NO. 1
SIDING
TRIM

SPRUCE-PINE-FIR, STANDARD GRADE
NAILERS
STRAPPING

d. ITEM 522.35 "NON-STRUCTURAL LUMBER, TREATED"

SOUTHERN PINE, STANDARD GRADE
CURBS & BLOCKING

e. ITEM 522.40 "STRUCTURAL GLUED LAMINATED TIMBER" (CHORDS)

COMBINATION SYMBOL 16F-V2 SP/SP
LOWER BOTTOM TRUSS CHORDS

f. ITEM 522.40 "STRUCTURAL GLUED LAMINATED TIMBER" (FLOORBEAMS)

COMBINATION SYMBOL 26F-V2 SP/SP
FLOOR BEAMS

g. ITEM 522.40 "STRUCTURAL GLUED LAMINATED TIMBER" (DECK PANELS)

SOUTHERN PINE COMBINATION SYMBOL 47 SP
DECK PANELS

26. ITEM 522.20 "STRUCTURAL LUMBER AND TIMBER, UNTREATED" SHALL INCLUDE TRUNNELS.

a. TRUNNELS SHALL BE WHITE OAK, SELECT STRUCTURAL. THEY SHALL BE UNTREATED, AND DRIED (MAXIMUM MOISTURE CONTENT OF 12%).

b. TRUNNELS SHALL BE 2 INCHES IN DIAMETER. TRUNNEL HOLES SHALL BE DRILLED SMALLER THAN THE TRUNNEL TO PROVIDE A FRICTION FIT. TRUNNELS MAY BE DIPPED IN BOILED LINSEED OIL PRIOR TO DRIVING. TRUNNELS SHALL BE DRIVEN IN A MANNER WHICH AVOIDS SPLITTING THEM OR THE PIECES CONNECTED BY THEM.

c. TRUNNELS SHALL BE CONSIDERED TIMBER CONNECTORS. THE COST OF TRUNNEL MATERIAL AND INSTALLATION SHALL BE INCIDENTAL TO ITEM 522.20 "STRUCTURAL LUMBER AND TIMBER, UNTREATED".

27. ALL SIDING SHALL BE FULL LENGTH BOARDS.

28. ALL SIDING, NAILERS, AND DECK EDGE BOARDS SHALL BE FASTENED WITH NO. 8 GALVANIZED SCREWS. THE LENGTH OF THE SCREWS SHALL BE 2 ½ TIMES THE THICKNESS OF THE ATTACHED BOARD. FOR EXAMPLE, USE 2 ½" SCREWS FOR 1" BOARDS, AND 5" SCREWS FOR 2" BOARDS.

29. ALL INTERIOR AND EXTERIOR UNTREATED WOOD SURFACES SHALL BE PAINTED WITH INSECTICIDE/FUNGICIDE AND FIRE RETARDANT COATINGS IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 660. COATING SHALL BE CLEAR EXCEPT ON END PORTALS WHERE THE FIRE RETARDANT COATING SHALL BE WHITE. ALL COSTS ASSOCIATED WITH THE CLEANING AND PAINTING SHALL BE INCLUDED IN THE UNIT PRICES FOR THE 660 TIMBER PAINTING ITEMS.

30. ALL COSTS ASSOCIATED WITH SIZING, SHAPING, AND PLANING BEDDING BLOCKS IN BEARING AREAS UNDER BEARING BLOCKS AND FLOOR BEAMS SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM 522.25 "STRUCTURAL LUMBER AND TIMBER, TREATED".

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FILE NAME: s96j230pn.dgn
PROJECT LEADER: R. WHITCOMB
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PROJECT NOTES 2

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DRAWN BY: T. LACKEY
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SHEET 4 OF 67