

TIMBER TABLE FOR NEW AND REPLACEMENT MEMBERS											
ITEM NUMBER	MEMBER	EXISTING SIZE (INCHES)	PROPOSED NOMINAL SIZE (IN)	LENGTH (FT)	DELINEATED NUMBER OF PIECES	ADDNL. EST. NUMBER OF PIECES	TOTAL PIECES	QUANTITY MFBM	SPECIES	GRADE	TREATMENT
<b>COVERED BRIDGE ROOF, CEILING, PORTALS &amp; SIDING</b>											
522.20	RAFTER (RS)	5 X 5	5 X 5	12.50	108	6	114	2.97	SPRUCE PINE FIR	S.S.	
522.30	ROOF SHEATHING BOARD (RS)	1 X VARIES	1 X 10	198.75	24	0	24	3.98	DOUGLAS FIR	NO. 1 COM.	
522.20	RIDGE BOARD (RS)	2 X 8	3 X 8	200.00	1	0	1	0.40	DOUGLAS FIR	NO. 1	
522.20	KNEE BRACE (RS)	-	3 X 5	4.00	64	0	64	0.32	DOUGLAS FIR	NO. 1	
522.20	UPPER LATERAL BRACING (RS)	-	4 X 6	18.00	12	0	12	0.43	DOUGLAS FIR	NO. 1	
522.20	UPPER LATERAL BRACING (RS)	-	4 X 6	20.00	22	0	22	0.88	DOUGLAS FIR	NO. 1	
522.20	CROSS TIES (RS)	8 x 8	6 X 12	20.33	20	0	20	2.44	DOUGLAS FIR	NO. 1	
522.30	SIDING BOARDS EXTERIOR (RS) (SEE NOTE 4)	1 X VARIES	1 X 10	11.25	480	0	480	4.50	DOUGLAS FIR	NO. 1 COM.	
522.30	SIDING BOARDS INTERIOR (RS) (SEE NOTE 4)	1 X VARIES	1 X 10	6.00	20	0	20	0.10	DOUGLAS FIR	NO. 1 COM.	
522.30	SIDING BOARDS PORTALS (RS) (SEE NOTE 4)	1 X VARIES	1 X 10	8.00	18	0	18	0.12	DOUGLAS FIR	NO. 1 COM.	
522.30	SIDING SILLS (RS)	1 X VARIES	2 X 8	171.50	2	0	2	0.23	DOUGLAS FIR	NO. 1 COM.	
522.20	SIDING NAILERS (RS)	2 x 4	2 x 6	199.00	6	0	6	1.19	DOUGLAS FIR	NO. 1 COM.	
522.20	SIDING NAILERS (RS)	2 x 4	2 X 5	199.00	2	0	2	0.33	DOUGLAS FIR	NO. 1 COM.	
522.20	FASCIA BOARDS (RS)	-	2 x 8	199.00	2	0	2	0.53	DOUGLAS FIR	NO. 1 COM.	
522.20	PORTAL NAILERS (ASSORTED LENGTHS) (RS)	-	3 X 8	48.00	2	0	2	0.19	DOUGLAS FIR	NO. 1 COM.	
522.25	PORTAL END DIAGONAL (RS)	-	8 X 8	12.00	4	0	4	0.26	DOUGLAS FIR	NO. 1 COM.	
<b>COVERED BRIDGE FLOOR SYSTEM</b>											
522.25	NAIL LAMINATED BRIDGE DECK (S4S) (DR)	2 X 8	2 X 6	184.00	120	0	120	22.08	DOUGLAS FIR	NO. 1	
522.25	BRIDGE DECK EDGE BEAM (S4S) (DR)	-	6 X 6	174.00	6	0	6	3.13	DOUGLAS FIR	NO. 1	
522.25	BRIDGE CURB (FS)	-	8 X 8	184.00	2	0	2	1.96	DOUGLAS FIR	NO. 1	P.T.
522.25	APPROACH CURB EAST (FS)	-	8 X 6	6.25	2	0	2	0.05	DOUGLAS FIR	NO. 1	P.T.
522.25	BRIDGE CURB BLOCKING (FS)	-	4 X 8	2.00	60	0	60	0.32	DOUGLAS FIR	NO. 1	P.T.
522.25	APPROACH CURB BLOCKING (DR)	-	4 X 8	2.00	4	0	4	0.02	DOUGLAS FIR	NO. 1	P.T.
522.20	RUNNING PLANK (S3S)(DR) (SEE NOTE 8)	-	3 X 8	184.00	21	0	21	7.73	OAK	NO. 1	
522.20	FLOORBEAMS (RS)	8 X 16	8 X 16	21.00	14	9	23	5.15	DOUGLAS FIR	S.S.	
522.20	BOTTOM LATERAL BRACING (FS)	-	4 X 6	22.00	4	0	4	0.18	DOUGLAS FIR	NO. 1	
522.20	BOTTOM LATERAL BRACING (FS)	-	4 X 6	23.00	6	0	6	0.28	DOUGLAS FIR	NO. 1	
522.20	BOTTOM LATERAL BRACING (FS)	-	4 X 6	24.00	2	0	2	0.10	DOUGLAS FIR	NO. 1	
522.20	BOTTOM LATERAL BRACING (FS)	-	4 X 6	25.00	4	0	4	0.20	DOUGLAS FIR	NO. 1	
522.20	LATERAL BRACING BLOCKING (FS)	-	6 X 6	3.00	20	0	20	0.18	DOUGLAS FIR	NO. 1	
<b>COVERED BRIDGE ARCH TRUSS SYSTEM</b>											
EXISTING TRUSS AND ARCH MEMBERS		VARIES	-	-	-	-	-	-	VARIES	-	
522.25	UPPER CHORDS (SES)	11.5 x 10	12 x 10	33.00	2	0	2	0.66	DOUGLAS FIR	S.S.	
522.25	UPPER CHORDS (SES)	11.5 x 10	12 x 10	24.00	1	0	1	0.24	DOUGLAS FIR	S.S.	
522.25	UPPER CHORDS (SES)	11.5 x 10	12 x 10	28.00	1	0	1	0.28	DOUGLAS FIR	S.S.	
522.25	UPPER CHORDS (SES)	11.5 x 10	12 x 10	32.00	1	0	1	0.32	DOUGLAS FIR	S.S.	
522.25	UPPER CHORDS (SES)	11.5 x 10	12 x 10	8.00	1	0	1	0.08	DOUGLAS FIR	S.S.	
522.25	POSTS (SES)	8 X 8	8 X 8	12.40	2	2	4	0.26	DOUGLAS FIR	S.S.	
522.25	POSTS (SES)	7 X 12	8 X 12	14.00	1	1	2	0.22	DOUGLAS FIR	S.S.	
522.25	POSTS (SES)	7 X 12	8 X 12	16.00	1	2	3	0.38	DOUGLAS FIR	S.S.	
522.25	POSTS (SES)	6.5 X 11.5	8 X 12	18.00	1	1	2	0.29	DOUGLAS FIR	S.S.	
522.25	LOWER CHORD (SES)	VARIES	12 X 18	8.00	1	0	1	0.14	DOUGLAS FIR	S.S.	
522.25	LOWER CHORD (SES)	VARIES	12 X 18	10.00	1	0	1	0.18	DOUGLAS FIR	S.S.	
522.25	LOWER CHORD (SES)	VARIES	12 X 18	34.00	1	0	1	0.61	DOUGLAS FIR	S.S.	
522.25	UPPER DIAGONALS (SES)	7.5 x 7.5	8 x 8	15.75	1	2	3	0.25	DOUGLAS FIR	S.S.	
522.25	UPPER DIAGONALS (SES)	7.5 x 7.5	8 x 8	17.25	1	2	3	0.28	DOUGLAS FIR	S.S.	
522.25	LOWER DIAGONALS (SES)	8 X 7	8 X 8	14.00	1	1	2	0.15	DOUGLAS FIR	S.S.	
522.25	LOWER DIAGONALS (SES)	8 X 7	8 X 8	13.40	1	0	1	0.07	DOUGLAS FIR	S.S.	
522.25	LOWER DIAGONALS (SES)	8 X 7	8 X 8	13.80	1	1	2	0.15	DOUGLAS FIR	S.S.	
522.25	LOWER DIAGONALS (SES)	3 X 10	3 X 10	13.80	1	0	1	0.03	DOUGLAS FIR	S.S.	
522.25	LOWER DIAGONALS (SES)	7 X 7	8 X 8	13.80	1	0	1	0.07	DOUGLAS FIR	S.S.	
522.25	LOWER DIAGONALS (SES)	8 X 10	8 X 10	13.60	1	0	1	0.09	DOUGLAS FIR	S.S.	
522.25	BOLSTER BEAM (FS)	12 x 18	8 X 14	27.00	8	0	8	2.02	DOUGLAS FIR	NO. 1	
522.25	BOLSTER BEAM (FS)	12 x 18	8 X 14	21.00	4	0	4	0.78	DOUGLAS FIR	NO. 1	
522.25	BOLSTER BEAM SPACER (DR)	-	2 X 6	1.17	60	0	60	0.07	DOUGLAS FIR	NO. 1	
522.25	BOLSTER BEAM BLOCKING (FS)	3 X 10	4 X 12	1.50	40	0	40	0.24	DOUGLAS FIR	NO. 1	
522.25	ARCH BLOCKING (RS)	8 x 8	8 x 8	1.50	10	0	10	0.08	DOUGLAS FIR	NO. 1	
522.25	ARCH LATERAL BRACING (FS)	-	8 X 10	16.60	4	0	4	0.44	DOUGLAS FIR	NO. 1	
522.25	ARCH LATERAL BRACING (FS)	-	8 X 10	21.25	4	0	4	0.57	DOUGLAS FIR	NO. 1	
522.25	ARCH LATERAL BRACING BLOCKING (FS)	-	6 X 6	1.17	32	0	32	0.11	DOUGLAS FIR	NO. 1	
522.25	PIER BLOCKING (RS)	10 X 12	10 X 12	7.00	2	0	2	0.14	DOUGLAS FIR	NO. 1	
522.25	PIER CENTER BEAM (RS)	10 X 15	10 X 16	21.00	1	0	1	0.28	DOUGLAS FIR	NO. 1	
522.25	ARCH REPAIR LAMINATES (S4S)(DR)	-	4 X 10	3.00	2	4	6	0.06	HEMLOCK	S.S.	

**NOTES:**  
1. THE TIMBER DIMENSIONS PROVIDED IN THIS TABLE ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING SIZES OF ACTUAL MEMBERS PRIOR TO ORDERING TIMBER. ALL COSTS ASSOCIATED WITH CONFIRMING MEMBER SIZES SHALL BE INCLUDED IN ITEM 900.645 SPECIAL PROVISION (REHABILITATING COVERED BRIDGE SUPERSTRUCTURE)  
2. KEY: FS (FULL SAWN), RS (ROUGH SAWN), DR (DRESSED), SES (SAWN TO EXISTING SIZE WITH ROUGH FINISH)  
3. LUMBER FINISH: ALL NEW LUMBER AND TIMBER SHALL BE ROUGH SURFACED, UNLESS DESIGNATED OTHERWISE  
4. AVERAGE WIDTH OF SIDING BOARDS PROVIDED FOR QUANTITY PURPOSES. ACTUAL SIDING BOARD WIDTHS TO VARY AND MATCH EXISTING SIDING WIDTHS.  
5. TIMBER BLOCKING MEMBER QUANTITIES ARE APPROXIMATE.  
6. S.S. = SELECT STRUCTURAL, COM. = COMMON  
7. LENGTH OF MEMBERS ARE PROVIDED FOR QUANTITY ESTIMATING PURPOSES ONLY.  
8. QUANTITY INCLUDES SKEWED RUNNING PLANKS AT END OF BRIDGE. PROPOSED PLANKS SHALL BE 2.5 INCHES THICK WITH WIDE FACE PLACED UP.

FLOORBEAM REFERENCE TABLE		
OLD FLOOR BEAM NO.	CODE LETTER	NEW FLOOR BEAM NO.
-	E	FB0
-	E	FB1
-	E	FB2
-	D	FB3
-	D	FB4
B1	A	FB5
B2	A	FB6
B3	C	FB7
B4	A	FB8
B5	C	FB9
B6	C	FB10
B7	C	FB11
B8	C	FB12
B9	C	FB13
B10	C	FB14
B11	A	FB15
B12	A	FB16
B13	A	FB17
B14	B	FB18
-	D	FB19
B15	A	FB20
B16	A	FB21
B17	C	FB22
-	D	FB23
B18	B	FB24
B19	B	FB25
B20	A	FB26
B21	C	FB27
B22	A	FB28
B23	C	FB29
B24	C	FB30
B25	A	FB31
B26	A	FB32
B27	A	FB33
B28	A	FB34
B29	A	FB35
B30	A	FB36
B31	A	FB37
B32	A	FB38
B33	B	FB39
-	D	FB40
-	D	FB41
B34	A	FB42

**CODE LETTERS**

- (A) EXISTING FLOORBEAM SET AT EXISTING LOCATION
- (B) EXISTING FLOORBEAM TO BE SLIGHTLY SHIFTED FROM ITS EXISTING LOCATION
- (C) NEW FLOORBEAM SET AT EXISTING LOCATION
- (D) EXISTING FLOORBEAM TO BE SET AT NEW LOCATION (FROM SPAN 1 STOCKPILE OR SPAN 2 REMOVAL)
- (E) NEW FLOORBEAM SET AT NEW LOCATION

**LEGEND**

- P.T. PRESSURE TREATED WITH TYPE II PENTACHLOROPHENOL
- I.F. INSECTICIDE/FUNGICIDE

**NOTE**

1. EXISTING AND PROPOSED FLOORBEAMS MAY NEED TO BE NOTCHED, TRIMMED OR SHIMMED TO FIT AROUND THE EXISTING TRUSS MEMBERS AND MEET THE PROPOSED BRIDGE GRADE. ALL COSTS ASSOCIATED WITH NOTCHING, TRIMMING OR SHIMMING THE FLOORBEAMS SHALL BE INCLUDED IN ITEM 900.645, SPECIAL PROVISION (REHABILITATING COVERED BRIDGE SUPERSTRUCTURE).

PROJECT NAME:	WOODSTOCK	WOODSTOCK
PROJECT NUMBER:	BHO 1442(52)	ST 1444(58)
FILE NAME:	z96j262mdt.dgn	PLOT DATE: 12-JUL-2012
PROJECT LEADER:	M. Sargent	DRAWN BY: P. Dustin
DESIGNED BY:	S. Della	CHECKED BY: R. Joy
LUMBER DETAILS AND NOTES		SHEET 56 OF 68

