

FED. ROAD DIV. NO.	STATE	COUNTY	S.C. DOCK. NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Oconee	37.5003	271	7	91

QUANTITIES -				SPAN NO. 3:				
TIMBER				HARDWARE				
NO	DESCRIPTION	SIZE	MBM	NO	DESCRIPTION	SIZE	LBS.	
1	Caps	SIS	12x12x20'-0"	240				
1	Stringers	SIE	4x14x11'-9"	.055				
1	"	SIE	4x14x19'-3"	.090	6	Bolts Sq.H.F.N.	3/4" x 2'-8"	25.92
2	"	SIE	4x14x15'-6"	.145	12	O.G. Washers	3/4"	10.20
10	"	SIE	4x14x16'-0"	.747				
5	Bridging	R	2x4x9'-0"	.030	12	Bolts Sq.H.F.N.	3/4" x 1'-4"	19.08
115	Flooring	SIS	2x4x19'-0"	.1457	20	O.G. Washers	3/4"	12.00
					4	Std. Cut Washers	3/4"	0.31
					4	Bolts Sq. N.	3/4" x 1'-11"	8.40
					4	PI Washers	2 1/2" x 3/4"	6.22
2	Surfacing Strip	R	1x6x15'-6"	.016	4	Bolts Sq.H.F.N.	3/4" x 10 1/2"	2.77
6	WG. Blocks	S4S	4x6x1'-0"	.012	8	Std. Cut Washers	3/4"	0.31
2	Wheel Guard	S4S	6x10x14'-3"	.143				
4	Posts	S4S	6x6x3'-10"	.046				
2	Rail Strips	S4S	3x8x15'-8"	.063	32	Nails	10"	0.46
2	"	S4S	3x8x16'-2"	.065	88	"	20"	2.84
2	Rail End	S4S	3x8x1'-11"	.008	1333	"	40"	14.06
					125	"	6.0"	11.36
					406	Spikes	7"	58.00
					126	Roofing Nails	1 1/4"	0.50
					2	24 Ga. Gl. Strip	1'-4" x 2'-9"	8.48
					2	24 Ga Gl. Strip	2'-5" x 15'-7"	87.07
Total			3.117	Total			328	

QUANTITIES -				SPAN NO. 5				
2	Cap	SIS	12x12x20'-0"	480	3	Drift Pins	3/4" x 1'-9"	7.89
1	Stringers	SIE	4x14x11'-9"	.055	6	Bolts Sq.H.F.N.	3/4" x 1'-5"	14.67
10	"	SIE	4x14x16'-0"	.747	6	"	3/4" x 1'-8"	16.92
5	Bridging	R	2x4x9'-0"	.030	4	"	3/4" x 1'-7"	12.78
115	Flooring	SIS	2x4x19'-0"	.1457	50	O.G. Washers	3/4"	42.50
1	Stringers	SIE	4x14x19'-3"	.090	6	Std. Cut Washers	3/4"	0.67
2	"	SIE	4x14x15'-6"	.145	3	Std. Cut Washers	3/4" x 2'-6"	38.25
2	Rail Ends	S4S	3"x8"x1'-11"	.008	18	Bolts Sq.H.F.N.	3/4" x 1'-2"	28.62
2	Surfacing Strip	R	1x6"x15'-6"	.016	32	O.G. Washers	3/4"	13.20
4	W.G. Blocks	S4S	4x6"x1'-0"	.012	8	Bolts Sq.H.F.N.	3/4" x 0'-8"	10.36
2	Wheel Guard	S4S	6x10x14'-3"	.143	6	Std. Cut Washers	3/4"	0.46
6	Posts	S4S	6x6x3'-10"	.069	12	Std. Cut Washers	3/4"	0.46
2	Rail Strip	S4S	3x8x16'-2"	.065	164	Roofing Nails	1 1/4"	0.65
2	"	S4S	3x8x15'-8"	.063	32	Nails	10"	0.46
			Total	3406	88	"	20"	2.84
TABLE OF BRACES				1337	"	"	40"	74.28
No.	Bent	No.	Size	MBM	145	"	60"	13.18
2	6		3"x8"x16'-0"	.064	2	Bolts Sq.H.F.N.	3/4" x 2'-7"	5.80
2	6		3"x8"x8'-6"	.034	406	Spikes	7"	58.00
2	6		3"x8"x13'-0"	.052	4	24 Ga.Gl.Strip	1'-4" x 2'-9"	16.96
2	6		3"x8"x8'-1"	.032	2	24 Ga.Gl.Strip	2'-5" x 15'-7"	87.07
Total				0.182	Total * 491.1			

NOTES:		SUMMARY		OF QUANTITIES			
Caps, stringers, and flooring to be sized before treating. Caps to be sized to a constant depth of 1 1/2" Interior stringers to be sized 3/8" depth for 18" each end or full length. Exterior stringers to be sized to 1 3/8" depth for full length. Flooring to be sized to a constant width of not less than		Well Dry Exscr. Cy.	Class A Conc. C.Y.	Treat Timber MBM	Struck Lbs.	Hardware P.L.F.	Cross 1/2"
		Span No. 3	—	3.177	328	—	—
		Span No. 5	—	3.406	491	54	—
		Braces Bts. 6	—	0.182	—	—	—
		Footings Bts. 6	2.70	—	—	—	—
		Totals	2.70	6.705	819	54	—

NOTES:
Caps, stringers, and flooring to be sized before treating. Caps to be sized to a constant depth of 1 1/2" interior stringers to be sized to 1 1/2" depth for 18" each end or for full length. Exterior stringers to be sized to 1 1/2" depth for full length. Flooring to be sized to a constant width of not less than 18".

Flooring and posts to be end trimmed to exact lengths. Other pieces may be slightly over in length but not under.

Sway Braces to be spliced as shown below at one point only

CREOSOTED TIMBER BRIDGE
16'-1" SPAN
FOR 193'-8" BRIDGE FROM
STA. 12+17.25 TO STA. 14+10.92

DOCKET NO. 37.5003 ROUTE NO. 271
COUNTY Oconee DATE 4-55
CT-22-15-47-117 Rev.

