

FED. ROAD DIV. NO.	STATE	COUNTY	S.C. DOCK NO.	ROAD NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	ANDERSON	45003	152	7	10

QUANTITIES - TWO END SPANS (15'-0")						
TIMBER			HARDWARE			
NO.	DESCRIPTION	SIZE	MBM	NO.	DESCRIPTION	SIZE
1	Caps	SIS 12x12x19'-0"	.912	12	Drift Pine	3/4" x 1'-9"
2	Stringers	SIE 4x14x11'-9"	.180	110	Bolts Sq. H. & N.	3/4" x 1'-8"
2	"	SIE 4x14x19'-3"	.180	2	Bolts	3/4" x 1'-11"
4	"	SIE 4x14x15'-6"	.289	60	O.G. Washers	3/4"
18	"	SIE 4x14x16'-0"	1.344	8	Bolts Sq. H. & N.	3/4" x 2'-8"
8	Bridging	R 2x4x10'-0"	.053	36	Bolts	3/8" x 1'-4"
230	Flooring	SIS 2x4x18'-0"	2.760	68	O.G. Washers	5/8"
				12	Std Cut Washers	5/8"
				18	Bolts Sq. H. & N.	5/8" x 1'-11"
				16	Pl. Washers	2 1/2" x 3/8" x 6"
4	Surfacing Strip	1x6x15'-6"	.031	12	Bolts Sq. H. & N.	1/2" x 10 1/2"
8	W.G. Blocks S4S	4x6x1'-0"	.016	24	Std Cut Washers	1/2"
4	Wheel Guard S4S	6x10x17'-3"	.346	8	Bolts Sq. H. & N.	5/8" x 2'-7"
				4	Straps	2 1/4" x 1'-9 1/2"
12	Posts	S4S 6x6x3'-10"	.138	8	Lag Screws	3/4" x 8"
8	Rail Strips S4S	3x8x16'-2"	.258	8	Std Cut Washers	3/4"
				24	Nails	10d
4	Rail End S4S	3x8x2'-4"	.019	210	"	40d
8	Backing	R 3x10x11'-6"	.230	290	"	60d
				154	Spikes	7"
				290	Roofing Nails	1 1/4"
				2	24 Ga. G.I. Strip	1'-4" x 2'-9"
				4	24 Ga. G.I. Strip	2'-5 1/2" x 15'-7"
Total			6.686	Total		

QUANTITIES - ONE INTERIOR SPAN 15'-11 1/2"						
1	Cap	SIS 10x12x19'-0"	.190			
2	Stringers	SIE 4x14x15'-6"	.145			
9	Stringers	SIE 4x14x16'-0"	.672			
4	Bridging	R 2x4x10'-0"	.027	12	O.G. Washers	3/4"
115	Flooring	SIS 2x4x18'-0"	1.380	6	Bolts Sq. H. & N.	3/4" x 2'-8"
1	Stringer	SIE 4x14x11'-9"	.054	12	"	3/8" x 1'-4"
1	"	SIE 4x14x19'-3"	.090	20	O.G. Washers	5/8"
2	Rail End S4S	3x8x2'-4"	.010	4	Std Cut Washers	5/8"
2	Surfing Strip	R 1x6x15'-6"	.015	4	Bolts Sq. H. & N.	5/8" x 1'-11"
6	W.G. Blocks S4S	4x6x1'-0"	.012	4	Pl. Washers	2 1/2" x 3/8" x 6"
2	Wheel Guard S4S	6x10x17'-3"	.142	4	Bolts Sq. H. & N.	1/2" x 10 1/2"
4	Posts	S4S 6x6x3'-10"	.046	8	Std Cut Washers	1/2"
4	Rail Strip S4S	3x8x15'-8"	.125	142	Roofing Nails	1 1/4"
				32	Nails	10d
				80	"	20d
				120	"	40d
				60d	"	10.91
Total			2.908	Total		

TABLE OF BRACES			
No	Bent No	Size	MBM
2	2	3"x8"x15'-6"	.062
2	2	3"x8"x8'-0"	.032
2	3	3"x8"x15'-0"	.060
2	3	3"x8"x7'-7"	.030
		Total	.184

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 3" not less than 1 1/2". Flooring and posts to be end trimmed to exact lengths. Other pieces may be slightly over in length but not under.

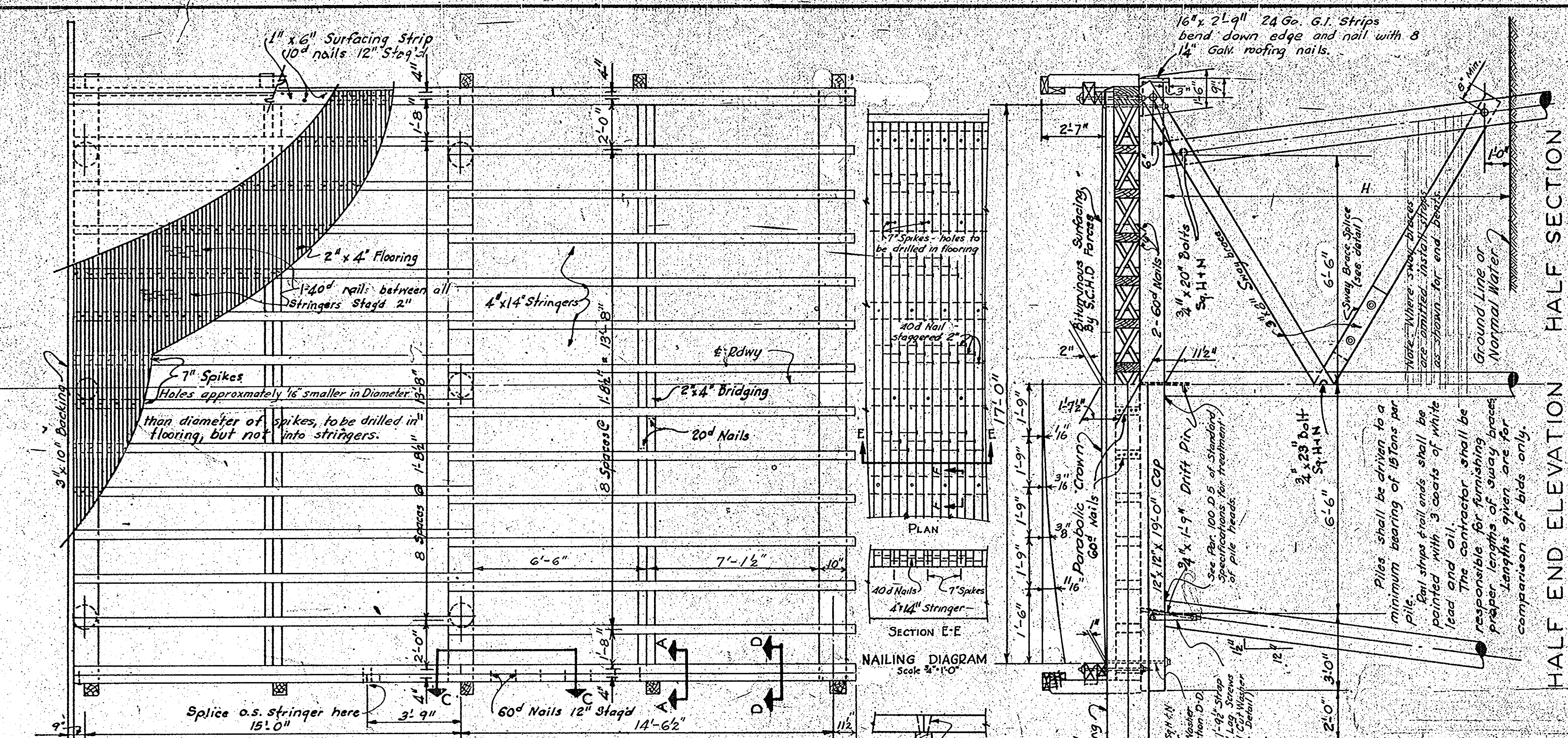
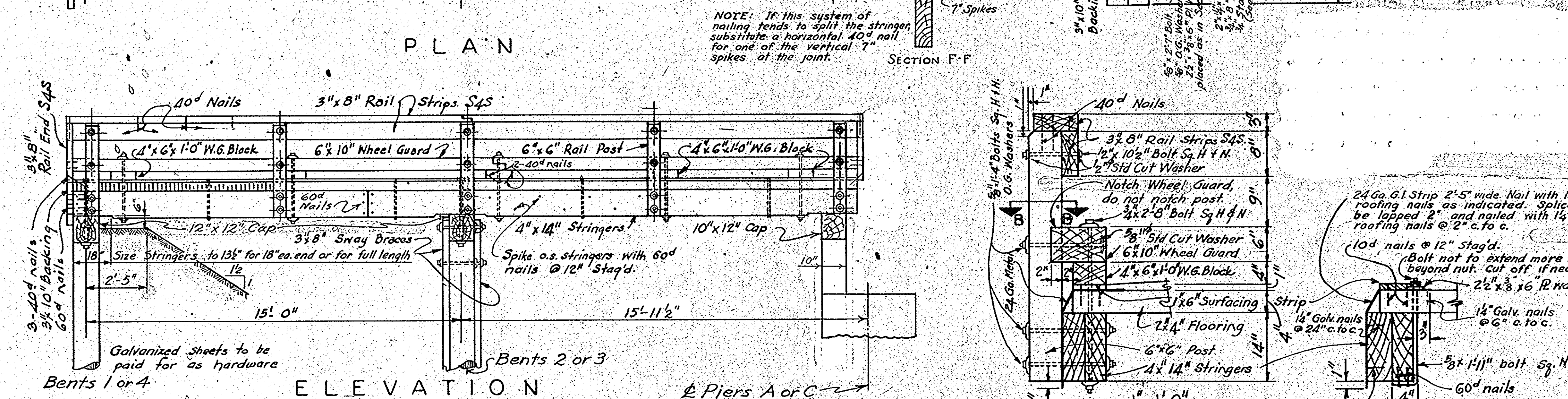
H10 LIVE LOAD
S.C. STATE HIGHWAY DEPARTMENT
COLUMBIA

CREOSOTED TIMBER SPANS

FOR 255' BRIDGE OVER

ROCKY RIVER

DOCKET NO. 45003 (ROAD NO. 152)
COUNTY ANDERSON DATE APRIL 1953
CT 22-15-47-89



NOTES:
Design Data: A.A.S.H.O. (1944)
H10 loading, $f_w = 1600 \text{ #/in}^2$
The quantity of flooring to be paid for will be that shown in table of quantities (number of pieces computed on thickness of 1 1/2").
All flooring not used in the bridge to be delivered to the Department.

Adapted For Docket By: W.B.B. 4-53
Checked By: G.H.B.

REV	DESCRIPTION	DATE	BY	CD	DATE
1	CES RKM 1-48				
2	SWAY BRACES				
3	QUAN CES RKM 10-47				
4	TR. W.B.T. CES 10-47				
5	DR. CES RKM 9-47				
6	DES. CES RKM 9-47				
7	BY CRD DATE				

REV	DESCRIPTION	DATE	BY	CD	DATE
1	CES MAB 3-48				
2	H10 LOADING				
3	CES MAB 3-48				
4	NAILING DIAGRAM				
5	CES RKM 2-48				
6	Length Sway Brace Bolts				
7	BACKING				
8	BY CRD DATE				

REV	DESCRIPTION	DATE	BY	CD	DATE
1	CES RWH 8-48				
2	Strap & Cap Bolts				
3	CES W.B.B. 5-48				
4	NAILING - 12 and 7"				
5	CES W.B.B. 4-48				
6	Cap Splice detailed				
7	BACKING				
8	BY CRD DATE				

REV	DESCRIPTION	DATE	BY	CD	DATE
1	CES B. 3-30				
2	Cap Splice detailed				
3	BACKING				
4	BY CRD DATE				