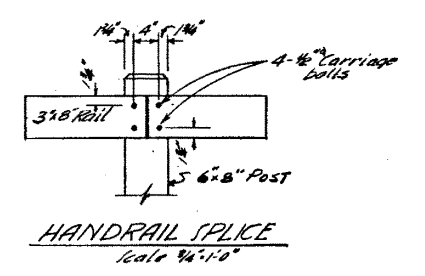


HARDWARE				
BOLTS			WASHERS	
Type	Size	Where used	No. per bolt	Type
Carriage	1/2" x 9	Handrail (All spans)	2	M.I.
"	1/2" x 16	Handrail (All spans)	2	M.I.
Machine	3/8" x 14	Stringer both joints (All)	2	O.G.
"	3/8" x 16	Sway bracing (All)	2	"
"	3/8" x 18	Wheelguard to Posts (All)	1	M.I. O.G.
"	3/8" x 18	Stringers to Posts (All)	2	O.G.
"	3/8" x 20	Sway bracing (All spans)	2	O.G.
"	3/8" x 32	Stringers thru cubs (16')	2	"
"	3/8" x 34	Stringers thru cubs (20')	2	"
Drift	3/4" x 22	Cap to pile (All spans)		
"	3/4" x 22	Stringers to caps		
"	3/4" x 24	Stringers to caps		

SUPERSEDED

By 5-519



GENERAL NOTES
 SPECIFICATIONS: Permissible fibre stress, 880 lbs. per sq. in. (Engelmann Spruce)
 DEAD LOAD: Timber 50 lbs. per cu. ft.
 LIVE LOAD: A.A.S.H.O. H-15. No impact.
STRINGERS: Stringers shall be sized to uniform depth at points of bearing, each fastened to caps with 3/4" drift bolts as shown. Outside stringers to have built joints and be spliced with 5" blocks 5'-0" long. Intermediate stringers to have lap joints. Holes for drift and machine bolts to be same diameter as bolt.
STRIPDECK shall be spruce or pine SISE, laid with heartside down, and tight joints for unseasoned material. Stripdeck to be beveled at end of bridge.
NAILING Subdeck shall be spiked to each stringer with 7" spikes staggered along plank and 2 spikes in edge stringer. Stripdeck planks shall be nailed with 1-6" spike at 3'0" spacing, staggered along plank, and 2 spikes at end of plank.
PAINTING Handrail & railposts shall receive 3 coats of approved white paint, on main highways.

DESIGNED BY: M.O. FOR LARS
 DRAWN BY: M.O. FOR LARS
 CHECKED BY: E.J.S. MATHY
 TITLED 1/1

APPROVED BY: *[Signature]*
 DATE: June 2/22
 Bridge Engineer

No.	DATE	DESCRIPTION
3		
2		
1		

PROVINCE of ALBERTA
 DEPARTMENT of PUBLIC WORKS
 BRIDGE BRANCH
STANDARD TIMBER SPANS
 OF NATIVE SPRUCE
 PEACE RIVER & GRAND PRAIRIE DISTRICT
 ROADWAYS 20'-0" & SPANS 15'-0" 19'-0"
 SCALES 3/4" = 1'0" UNLESS NOTED DATE Feb. 4, 1922
 DRAWG. NO. 5500 SHEET 4 of 5