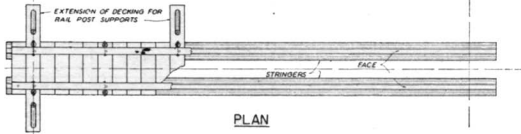
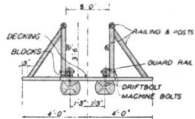


ELEVATION



PLAN



END VIEW

NOTES
NAIL DECK WITH 4 SPIRES PER PER PLANK. PLACE ASPHALT ROOFING FELT 12" WIDE OVER STRINGERS. BORE DRIFTBOLT HOLES 1/4" UNDER SIZE. BORE BOLT HOLES 1/4" OVER SIZE. FOR SHEEP TRAVEL USE 4" ROUND POLE RAILS AT 8' C.T.O.C.

DESIGNED FOR 5 FT OF SNOW • 200# PER LINEAL FT OF BRIDGE • LIVE LOAD
FOR NO SNOW • 50# PER LINEAL FT OF BRIDGE • LIVE LOAD

BILL OF MATERIAL

		10' SPAN		20' SPAN		30' SPAN		35' SPAN		40' SPAN		45' SPAN		50' SPAN		55' SPAN		60' SPAN	
	MATERIAL	NO.	SIZE & LGTH	NO.	SIZE & LGTH	NO.	SIZE & LGTH	NO.	SIZE & LGTH	NO.	SIZE & LGTH	NO.	SIZE & LGTH	NO.	SIZE & LGTH	NO.	SIZE & LGTH	NO.	SIZE & LGTH
LIVE LOAD - SNOW - 200 LB. PER LINEAL FT. OF BRIDGE																			
STRINGERS	FIR	2	10" x 14"	2	12" x 24"	2	15" x 34"	2	18" x 39"	2	18" x 44"	2	21" x 49"	2	21" x 54"	2	23" x 59"	2	23" x 64"
MIDDLE DIAM	PINE	2	10" x 14"	2	14" x 24"	2	17" x 34"	2	18" x 39"	2	20" x 44"	2	23" x 49"	2	23" x 54"	2	26" x 59"	2	26" x 64"
LIGHT LOAD - NO SNOW																			
STRINGERS	FIR	2	10" x 14"	2	11" x 24"	2	13" x 34"	2	16" x 39"	2	16" x 44"	2	18" x 49"	2	18" x 54"	2	20" x 59"	2	20" x 64"
MIDDLE DIAM	PINE	2	10" x 14"	2	12" x 24"	2	15" x 34"	2	18" x 39"	2	18" x 44"	2	21" x 49"	2	21" x 54"	2	23" x 59"	2	23" x 64"
GUARD RAIL	FIR or PINE	6"	28'	6"	48'	6"	68'	6"	78'	6"	88'	6"	98'	6"	108'	6"	118'	6"	128'
RAILING & POSTS		4"	140'	4"	210'	4"	280'	4"	350'	4"	390'	4"	390'	4"	420'	4"	460'	4"	490'
DECKING 2" x 12"		5	6" x 12'	9	12'	12	12'	14	12'	16	20'	17	22'	19	24'	21	26'	23	28'
DRIFT BOLTS	3/8" x 16"	6	17"	9	20"	9	23"	9	26"	9	26"	9	29"	9	29"	9	31"	9	31"
MACHINE BOLTS	3/8" x 12"	6	10'	9	14'	9	16'	9	16'	9	18'	9	18'	9	22'	9	24'	9	24'
NAILS - GALV	40#	25#		25#		25#		30#		35#		40#		45#		50#		55#	
ROOFING FELT			1 SQUARE											2 SQUARES					

FIG. 35

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
REGION 6
LOG STRINGER BRIDGE
10 TO 60 FT. SPAN.
3 FT. ROADWAY
FOOT TRAIL