



- NOTES**
- TREAT HOLES WITH HOT CREOSOTE AFTER RODS IN PLACE, POUR IN HOT TAR.
 - FASTEN DECKING WITH 4 SPIKES PER PLANK
 - PLACE ASPHALT ROOFING FELT OVER STRINGERS 10" WIDE & OVER FLOORBEAMS 12" WIDE
 - BORE ROD HOLES 1/16" OVERSIZE & DRIFT HOLES 1/16" UNDERSIZE
 - FOR SHEEP TRAVEL, PARALLEL RAILING WITH 4" ROUND POLES 8" C TO C FROM DECK
 - STRINGERS MAY BE LAPPED AT FLOORBEAMS

BILL OF MATERIAL

	50' SPAN		55' SPAN		60' SPAN		65' SPAN		70' SPAN		75' SPAN		80' SPAN		85' SPAN		90' SPAN									
NUMBER PANELS	4		4		5		5		6		6		6		7		7									
PANEL LENGTH-P	12'-6"		13'-9"		12'-0"		13'-0"		14'-0"		12'-6"		13'-4"		12'-2"		12'-10"									
INITIAL CAMBER	9"		9"		10"		10"		10"		11"		11"		12"		12"									
MATERIAL	NO	SIZE	LGTH	NO	SIZE	LGTH	NO	SIZE	LGTH	NO	SIZE	LGTH	NO	SIZE	LGTH	NO	SIZE	LGTH								
GRIDERS-MIN DIA	4	10"	60'	4	10"	60'	4	10"	70'	4	10"	80'	4	10"	85'	4	10"	90'	4	10"	95'					
FIR	2	8"	14'	2	8"	15'	2	8"	15'	2	8"	14'	2	8"	15'	2	8"	14'	2	8"	14'	2	8"	14'		
STRINGERS-	2	10"	9'	2	10"	9'	2	10"	9'	2	10"	9'	2	10"	9'	2	10"	9'	2	10"	9'	2	10"	9'		
FLOORBEAM-A/DIA	2	12"	9'	2	12"	9'	2	12"	9'	2	12"	9'	2	12"	9'	2	12"	9'	2	12"	9'	2	12"	9'		
	1	14"	9'	1	14"	9'	2	14"	9'	2	14"	9'	2	14"	9'	2	14"	9'	2	14"	9'	2	14"	9'		
SHEAR BLOCK	4	12"	13"	4	12"	13"	4	12"	13"	4	12"	13"	4	12"	13"	4	12"	13"	4	12"	13"	4	12"	13"		
RAILING & POSTS	4"	355'		4"	365'		4"	400'		4"	410'		4"	420'		4"	455'		4"	465'		4"	500'		4"	510'
DECKING 2"X12"	13	10"	15'	10"	16'	10"	17'	10"	18'	10"	20'	10"	21'	10"	22'	10"	23'	10"	23'	10"	24'	10"	24'	10"	25'	
TAR KEYS	25 POUNDS EXTRA HEAVY GALVANIZED IRON PIPE - 3" DIA - 9" LONG 32 REQUIRED																									
RODS - AV LENGTH 1"X4-6"	26		28		29		29		30		30		30		30		30		30		30		30		30	
HEX NUTS	104		104		127		127		127		127		127		128		128		128		128		128		128	
WASHERS	50		50		56		56		56		56		56		60		60		60		60		60		60	
DRIFT BOLTS	18		18		20		20		20		20		20		22		22		22		24		24		24	
NAILS-GAL	40 D		40 #		50 #		50 #		50 #		50 #		50 #		60 #		60 #		60 #		70 #		70 #		70 #	
ROOFING FELT	2 SQUARES											3 SQUARES														

FIG. 36

US DEPARTMENT OF AGRICULTURE
 FOREST SERVICE
 REGION 6
DOUBLE LOG GIRDER BRIDGE
 50 TO 90 FT SPAN
 3 FT ROADWAY
 FOOT TRAIL