

PERMANENT WAY NOTES.

VIADUCT GUARDS

FOR
B.H
TRAC

THESE NOTES ARE INTENDED FOR THE GUIDANCE AND ASSISTANCE OF STAFF ENGAGED UPON PERMANENT WAY WORK. THEY DO NOT IN ANY WAY MODIFY OR AMEND THE INSTRUCTIONS LAID DOWN IN E.D.I., STANDARD DRAWINGS, CIRCULARS ETC. WHICH SHOULD BE REFERRED TO IN ALL CASES.

STANDARD (TIMBER) OUTSIDE VIADUCT GUARD.

LONGITUDINALLY TIMBERED TRACK	MATERIALS REQUIRED	CROSS-SLEEPERED TRACK
<p>THE SMALL RINGED FIGURES, THUS REFERRED TO SKETCHES ON PER WAY NOTES R.1731 BOLTS (2)</p>	<p>CREOD. TIMBER 10"x7" REBATED FOR 2"x 1 1/2" x 0"3" STEEL ANGLE. (ORDER LIN.FT. IN LENGTHS NOT LESS THAN 22'-6")</p> <p>STEEL ANGLES 2"x 1 1/2" x 0"3" B.S. DRILLED FOR 1/2" DIA. CSK. BOLTS AT 6'-0" PITCH. (ORDER LIN.FT. IN LENGTHS NOT LESS THAN 24'-3")</p> <p>CSK. BOLTS 7/8" x 1/2" DIA., WITH SQ NUT, AND 2" x 3/8" ROUND WASHER.</p> <p>BOLTS 9/16" x 1" DIA., SQ.HC., SQ.NUT AND 3" x 1/2" SQ. WASHER. (ONE PER BRACKET)</p> <p>N.B. FOR BS.95 CROSS-SLEEPERED TRACK ONLY: WITH SPECIAL NUT FOR BS.95 CROSS-SLEEPERED TRACK TO DRG. NO. R.1231 (6 1/2" x 1")</p>	<p>N.B. 9 1/2" x 7" SAVES NOTCHING OVER SLEEPERS FOR WORN RAILS</p> <p>THE SMALL RINGED FIGURES, THUS REFERRED TO SKETCHES ON PER WAY NOTES R.1731 BOLTS (2)</p>
<p>FANGBOLTS 7/8" x 7/8" DIA., (2 PER BRACKET) (FOR 7" TIMBER)</p> <p>BRACKETS [WT. 30 LB. EA.] FOR STANDARD (TIMBER) VIADUCT GUARD (ON LONGITUDINALLY TIMBERED TRACK) TO STD. DRG. NO. 11. (BETWEEN EVERY OTHER CHAIR)</p>		<p>FANGBOLTS 7/8" x 7/8" DIA., (2 PER BRACKET) (FOR 5" SLEEPER)</p> <p>BRACKETS [WT. 32 LB. EA.] FOR STANDARD (TIMBER) VIADUCT GUARD (ON CROSS-SLEEPERED TRACK) TO STD. DRG. NO. 19. (ON EVERY OTHER SLEEPER)</p>

NEW PATTERN OUTSIDE VIADUCT GUARD (OLD RAILS)

LONGITUDINALLY TIMBERED TRACK	MATERIALS REQUIRED	CROSS-SLEEPERED TRACK												
	<p>SCRAP RAIL 2 1/4" WIDE (FROM STOCK)</p> <p>STEEL PACKING PLATES 5 1/2" x 5" x (t-w)"* DRILLED TO SKETCH -</p> <p>* t = WEAR OF RUNNING RAILS, + AMOUNT OF CHAIR-CALL.</p> <table border="1"> <tr> <td>t</td> <td>00</td> <td>BS 95</td> <td>BS 85</td> </tr> <tr> <td>LONGL. TIMBERS</td> <td>15/32</td> <td>3/8</td> <td>0"</td> </tr> <tr> <td>CROSS-SLEEPERS</td> <td>7/16</td> <td>11/32</td> <td>0"</td> </tr> </table> <p>BOLTS 3/4" DIA., LENGTH 3 1/2" + t + w (2 EA. PER BRACKET) (WITH SPRING WASHERS)</p>	t	00	BS 95	BS 85	LONGL. TIMBERS	15/32	3/8	0"	CROSS-SLEEPERS	7/16	11/32	0"	
t	00	BS 95	BS 85											
LONGL. TIMBERS	15/32	3/8	0"											
CROSS-SLEEPERS	7/16	11/32	0"											
<p>FANGBOLTS 7/8" x 7/8" DIA., (2 PER BRACKET) (FOR 7" TIMBER)</p> <p>BRACKETS [WT. 35 LB. EA.] FOR NEW PATTERN OUTSIDE VIADUCT GUARD (ON LONGITUDINALLY TIMBERED TRACK) TO DRG. NO. 1640 (BETWEEN EVERY OTHER CHAIR)</p>		<p>FANGBOLTS 7/8" x 7/8" DIA., (2 PER BRACKET) (FOR 5" SLEEPER)</p> <p>BRACKETS [WT. 29 LB. EA.] FOR NEW PATTERN OUTSIDE VIADUCT GUARD (ON CROSS-SLEEPERED TRACK) TO DRG. NO. 1640. (ON EVERY OTHER SLEEPER)</p>												

N.B. VIADUCT GUARDS MUST COMMENCE BELOW THE LEVEL OF THE RAILS AT SOME DISTANCE ON THE APPROACH SIDE OF THE BRIDGE. (M. or T. REQTS. 1928 § 18 (d)) PROPOSED RENEWAL OR EXTENSION OF VIADUCT GUARDS DURING RELAYING ETC. TO BE NOTED ON FORM BR.87906 (RELAYING STATEMENT AND PARTICULARS SENT TO THE CHIEF ENGINEER (E.D.I. § 271.V(2)).