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R. D. S. O.

TYPICAL ARRANGEMENT FOR PATHWAY FOR OPEN WEB GIRDER

PROVISIONAL
CBS 0045

1. ALL DIMENSIONS ARE IN MILLI METRE.
2. ♦ SYMBOL FOR 22 mm DIA. HSEFG BOLTS.
3. WHEREVER BOTTOM CHORD DOES NOT HAVE TOP PLATE SUITABLE TOP PLATE SHOULD BE CONNECTED TO TOP OF BOTTOM CHORD FOR CONNECTION OF BOTTOMCHORD WITH COLUMN.
4. MATERIAL SHOULD CONFIRM TO IS:2062.
5. THIS ARRANGEMENT IS FOR 30.5 m SPAN THROUGH OPEN WEB GIRDER BRIDGE. THERE MAY BE SOME MINOR MODIFICATIONS FOR ITS APPLICATION ON OTHER STANDARD SPANS OF THROUGH OPEN WEB GIRDER BRIDGES, WHICH SHOULD BE DONE LOCALLY.
- 6.(A) FOR 30.5 m SPAN PROVIDE ONE MAN REFUGE NEAR THE VERTICAL OF JOINT L3. (MAN REFUGE SPACING AROUND 32 m.)
- (B) FOR 45.7 m SPAN PROVIDE TWO MAN REFUGES NEAR THE VERTICAL OF JOINTS L3 & L7. (MAN REFUGE SPACING AROUND 24 m.)
- (C) FOR 61.0 m SPAN PROVIDE FOUR MAN REFUGES NEAR THE VERTICAL OF JOINTS L1, L3.15 & L7. (MAN REFUGE SPACING AROUND 17 m.)
- (D) FOR 76.2 m SPAN PROVIDE FIVE MAN REFUGES NEAR THE VERTICAL OF JOINTS L1, L3.15, L7 & L9. (MAN REFUGE SPACING AROUND 17 m.)
7. SLOPE OF 1 IN 200 AWAY FROM CENTRE OF TRACK (TOWARDS UPTO SIDE) SHOULD BE PROVIDED FOR DRAINAGE
8. THIS DRAWING IS SUITABLE MAXIMUM SPAN OF PATHWAY UPTO 3 M ALONG TRAFFIC.
9. MAXIMUM OVERHANG FROM FACE OF BOTTOM CHORD SHOULD NOT BE MORE THAN 1.0M.
10. MAXIMUM DESIGN LIVE LOAD IS 300kg/sq.m
11. THIS DRAWING SUPERSEDES DRG. NO. CBS 0028.

NOTE						SPECIFICATION	SCALE	ALT:	DESCRIPTION	DATE	CBS 0045
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