

SOUTH CENTRAL RAILWAY				
Sl. No.			111	112
Sub Sl. No.			19	20
Drawing Identification Code		1	SV-SCR-CG-18	SV-SCR-CG-19
Designed by whom	Railway (CBE/CAO)	2	CBE	CBE
	PSU	3	NHAI	MRIDCL
Name of Consultant, if any	Design Consultant	4	Accrete Consulting Engineers	MRIDCL
	Proof Consultant	5	IIT BHU	IIT, Bombay
Drawing Number		6	1099/GUN-KOV/NH-16/ST/ROB/18+677.385 Series	GM(W)SC/Br/R-139 to 147&156 to 164/2020
Whether Fit for Special Vehicle Loading of IRC-6:2017		7	Yes	Yes
Whether Designed with Congestion Factor		8	No	Yes
Month/Year of Design		9	Mar-19	12-2019
Month Year of Approval of Design		10	Sep-19	11-2020
Stations/Locations where used		11	Gundugolanu - Devarapalli-Kovvuru Section of NH-16 In A.P.	Chawda-Purna-Marsul
Type of Superstructure		12	Composite steel girder	Composite steel girder
Span (m)		13	47.092	51.15
Depth of Girder including deck slab (mm)		14	2511	2750
Number of Girders in one span		15	8	8
Seismic Zone designed for		16	III	II
Angle of Skew (Degrees)		17	20	0
Degree of curvature designed for		18	0	0
Carriageway Width (mm)		19	15000	13000
Number of lanes		20	4	3
Direction of road traffic		21	One way	Two way
Deck Width (mm)		22	16000	18000
Deck Configuration	As per which IRC Special Publication No. & Year	23	-	-
	Footpath (Nil/One-side/Two-side)	24	Nil	Two side
	Kerb (Nil/One-side/Two-side)	25	Nil	Nil
	Crash Barrier {Number- Type (RCC/ W-Beam /Others)}	26	Both side	Two RCC
	Railing (RCC/Steel/Others)	27	Nil	Two side steel