



NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETRES EXCEPT WHERE OTHERWISE SHOWN.
- ALL REINFORCEMENT SHALL BE OF HSD/TMT BARS CONFORMING TO IS: 1786. THE DESIGN HAS BEEN DONE ASSUMING FE-500 REINFORCEMENT, SYMBOL # REPRESENT DIAMETER OF THE BAR.
- CLEAR COVER TO ANY REINFORCEMENT SHALL BE 50mm FOR GIRDER & DIAPHRAGM AND 35mm FOR SLAB & BALLAST RETAINER UNLESS SHOWN OTHERWISE.
- LAP AND ANCHORAGE LENGTH OF BARS SHALL BE PROVIDED AS PER CLAUSE 15.9.8 OF IRS CONCRETE BRIDGE CODE.
- LAP SHALL BE STAGGERED AND NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION.

REFERENCES :

- GENERAL ARRANGEMENT DRG.
- GENERAL ARRANGEMENT BASED ON DRG NO. RDSO/B-10273

DRG. NO.

REV. NO.	DATE	DESCRIPTION
1	30.10.17	CE/C-1
2	22.11.17	BYCE/DYCE/CID
3	21.11.17	DYCE/CID
4	21.11.17	JAIPUR
5	21.11.17	CONTRACTOR
6	21.11.17	CONSULTANTS

PROJECT :
VIADUCT ON RINGAS DETOUR
RGS DETOUR IN CONNECTION WITH DFCCIL
WORK-CONSTRUCTION OF VIADUCT(164X18.30M
PSC GIRDER),5X18.30M PSC GIRDER ON MINDA
RIVER, + 3X18.30 COMPOSITE GIRDER OVER RPC
AND DFCCIL TRACK.

CLIENTS :
NORTH WESTERN RAILWAY,
5TH FLOOR, HQ OFFICE NEAR JAWAHAR CIRCLE,
MALVIYANAGAR JAIPUR - 302 017

CONTRACTORS :
M.H. KHANUSIA-APEX TARMAC PVT. LTD.(JV)
FF, Divine India Building, Near RTO Office : Bye pass Road,
Po-Savagadh (Panpur) : Himatnagar 383 001

CONSULTANTS :
PANKAJ M PATEL CONSULTANTS PVT. LTD.
303, CHAKRAVARTY COMPLEX, OPP. KIRAN PARK CIRCLE,
NAWA WADAJ, AHMEDABAD-380013,
PH : (079)27643175, FAX : (079)27640428
E-mail : paal_99@yahoo.co.in, paal99@gmail.com

TITLE :
DETAILS OF REINFORCEMENT

DRAWN BY : NILESH	DESIGNED BY PANKAJ PATEL
CHECKED BY : PANKAJ PATEL	DRG. NO.
SCALE : AS SHOWN	VIADUCT 11
DATE : 28-03-2017	R0

STANDARD OF LOADING : 25-T (2008)
भारण मानक 25 टन - 2008

उत्तर पश्चिम रेलवे NORTH WESTERN RAILWAY
जायपुर मण्डल JAIPUR DIVISION
जायपुर सीकर खंड JAIPUR - SIKAR SECTION

रिंगस के पास DFCCIL परियोजना की वजह से मार्ग परिवर्तित करना
RINGAS DETOUR IN CONNECTION WITH DFCCIL PROJECT

VIADUCT ON RINGAS DETOUR
TOTAL SPAN:- 164 X 18.30m PSC GIRDER +
5 X 18.30m PSC GIRDER ON MINDA RIVER +3
X 18.30m COMPOSITE GIRDER OVER RPC &
DFCCIL TRACK

ON NEW ALIGNMENT
BETWEEN STATION CHIHOTA GUDA & RINGAS

DY.CE(C)/JP/3047/D-JP-SIKR (Detour)

NO. CAD(JP/5604/D-JP-SIKR (Detour)

A. Puri
20/11/17
SSE/DRG.

26/10/17
SSE/C/DESIGN