



SCHEDULE OF REINFORCEMENT					SCHEDULE OF REINFORCEMENT				
BAR NO.	BAR DIA	NOS./SPACING OF BAR C/C	BAR SHAPE	REMARK	BAR NO.	BAR DIA	NOS./SPACING OF BAR C/C	BAR SHAPE	REMARK
1	16+10	200 c/c		BOTH BARS ARE BUNDLED	10	16	2X2 nos.		
10	12+12	170 c/c		BOTH BARS ARE BUNDLED	10a	20	2X2X2 nos.		
11b	12+12	200 c/c			11	10	10 nos.		
11c	12+12	200 c/c			12	10	4 nos.		
14	16+10	3 Nos EQUALLY SPACED		BOTH BARS ARE BUNDLED	12a	10	3 nos.		
2	10	19 nos.			13	12	-		PLACED WITH BAR MARK (6 6a 6b 6c 7 7a 7b 7c)
2a	10	37 nos.			14	10	6 nos.		
2b	10	18 nos.		LAPPED WITH BAR MARK (2)	15	10	6 nos.		
3	10	100 c/c			16	12	-		PLACED WITH BAR MARK (6 6a 6b 6c 7 7a 7b 7c)
3a	12+12	170 c/c		BOTH BARS ARE BUNDLED	17	10	5 nos.		
3b	20	100 c/c		BOTH BARS ARE BUNDLED	17a	10	3 nos.		
3c	20	100 c/c		BOTH BARS ARE BUNDLED	18	10	9 nos.		
3d	20	3 Nos EQUALLY SPACED		BOTH BARS ARE BUNDLED	19	12	2x2 nos.		
4	10	19 nos.			19a	16	2x2x2 nos.		
4a	12	19 nos.			20	8	5 nos. @ 75 c/c		
5	10	100 c/c			20a	8	5 nos. @ 75 c/c		
5a	16	170 c/c			20b	8	5 nos. @ 75 c/c		
5b	16+10	100 c/c		BOTH BARS ARE BUNDLED	20c	8	5 nos. @ 75 c/c		
6	12+12	200 c/c			20d	8	5 nos. @ 75 c/c		
6a	16+10	170 c/c			20e	8	5 nos. @ 75 c/c		
6b	16+12	170 c/c			21	12	2x2x4 nos.		
6c	16+16	100 c/c			22	12	2x2x4 nos.		
7	12+12	200 c/c			23	12	2x2x4 nos.		
7a	16+10	170 c/c			24	12	2x2x4 nos.		
7b	16+12	170 c/c			25	12	2x3 nos.		
7c	16+16	100 c/c			26	10	200 c/c		12 LEGS
8	16	2X2 nos.		LAPPED WITH 6a	27	8	175 c/c		12 LEGS
8a	20	2X2X2 nos.							
9	10	-							

REFERENCE DRAWINGS: (LATEST REVISION)

- 022077-BSRP-CR2-C-VD-GEN-30-1021 - GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 25M CURVED SPAN SUPERSTRUCTURE(R₂438M & R<540M)
- 022077-BSRP-CR2-C-VD-GEN-30-1022 - GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 25M CURVED SPAN SUPERSTRUCTURE(R₂438M & R<540M)
- 022077-BSRP-CR2-C-VD-GEN-30-1023 - PRE TENSIONED STRAND DETAILS FOR 25M CURVED SPAN SUPERSTRUCTURE(R₂438M & R<540M)
- 022077-BSRP-CR2-C-VD-GEN-30-1024 - REINFORCEMENT DETAILS OF 25M CURVED SPAN SUPERSTRUCTURE (R₂438M & R<540M) SHEET 1 OF 2
- 022077-BSRP-CR2-C-VD-GEN-30-1024 - REINFORCEMENT DETAILS OF 25M CURVED SPAN SUPERSTRUCTURE (R₂438M & R<540M) SHEET 2 OF 2
- 022077-BSRP-CR2-C-VD-GEN-30-1026 - GAUGES AND CLEARANCES - 25 M SPAN - FOR (R₂438M & R<540M) PLAN VIEW & SECTION VIEW
- 022077-BSRP-CR2-C-VD-GEN-30-5001 - PRE TENSIONED STRAND DETAILS FOR U-GIRDER
- 022077-BSRP-CR2-C-VD-GEN-30-5006 - TYPICAL DETAIL OF ANCHOR & REINFORCEMENT OF PEDESTAL & WEB OF U-GIRDER AT ONE MAST LOCATION
- 022077-BSRP-CR2-C-VD-GEN-30-5021 - PLACING OF U-GIRDER AND I-GIRDER FOR CR2 & CR4
- 022077-BSRP-CR2-C-VD-GEN-30-5008 - TYPICAL REINFORCEMENT DETAILS AT LIFTING HOLE LOCATION FOR U GIRDER

LICENSE:

"THIS DESIGN FOR THE PROJECT HAVE BEEN PREPARED UNDER LICENSE FROM M/S SYSTRA"

NOTES: 1. ALL DIMENSIONS ARE IN MILLIMETRES. UNLESS OTHERWISE MENTIONED. 2. DIMENSIONS ARE NOT TO BE SCALED. FOLLOW ONLY WRITTEN DIMENSIONS. 3. FOR OTHER NOTES REFER DRAWING 022077-BSRP-CR2-C-VD-GEN-20-1024	LEGEND:	REFERENCE DRAWINGS:	REFERENCE DOCUMENTS:	KEY PLAN 	STATION BOX KEY PLAN
REVISIONS 0 15.07.2024 GOOD FOR CONSTRUCTION D 15.04.2024 REVISED BY ADDING PATENT NOTE & UPDATED LIFTING POINTS C 01.12.2023 REVISED AS PER GC'S COMMENTS THROUGH LETTER NO. 1053 B 08.10.2023 REVISED DRAWING AS DRAWING CHANGED FROM ONE DIMENSIONAL TO TWO DIMENSIONAL AND AS PER GC'S COMMENTS A 13.07.2023 FOR APPROVAL	CONTRACTOR TRANSPORTATION INFRASTRUCTURE IC EDCR-SPECIAL BRIDGES	QUALITY ASSURANCE The responsibility of control, check and verification of accuracy, correctness, completeness, integration and full compliance of Contract provisions in respect of design analysis and drawing rests with Design & Build Contractor. DDC PC Contractor SIGN DATE 15.07.2024 15.07.2024 15.07.2024 15.07.2024 NAME PRESHT M. VAJAYNORA J. SHASHIDHAR C. KVN PREPARED BY CHECKED BY APPROVED BY ISSUED BY	GENERAL CONSULTANTS CHECKED & APPROVED NAME SIGN CIVIL/GAD CIVIL/ALIGNMENT CIVIL/STRUCTURAL CIVIL/GEOTECH COUNTER SIGN PROJECT DIRECTOR NAME DATE DESIGNATION SIGN DATE K RIDE	EMPLOYER: RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED GENERAL CONSULTANTS: 	PROJECT: BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2 DRAWING TITLE: REINFORCEMENT DETAILS OF 25M CURVED SPAN SUPERSTRUCTURE (R ₂ 438M & R<540M) DRAWING NO.: 022077-BSRP-CR2-C-VD-GEN-30-1025 SCALE: AS SHOWN DATE: 15.07.2024 REVISION 0 DWG STATUS C SHEET SIZE - A1