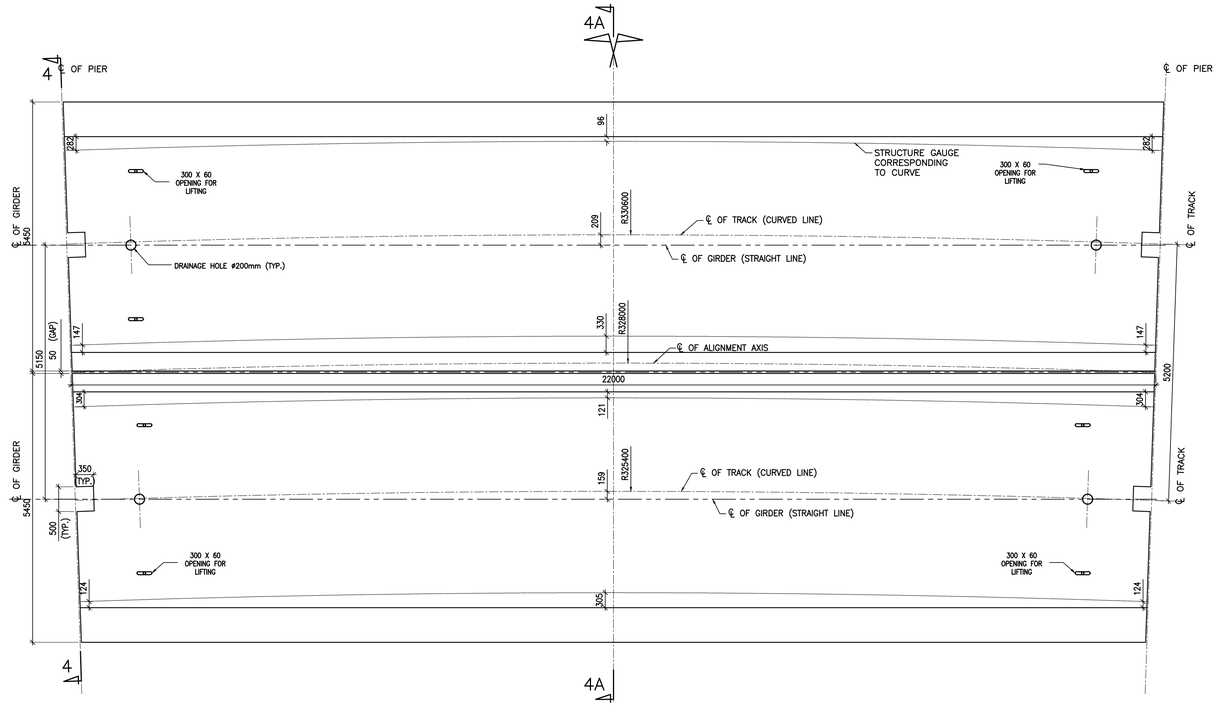
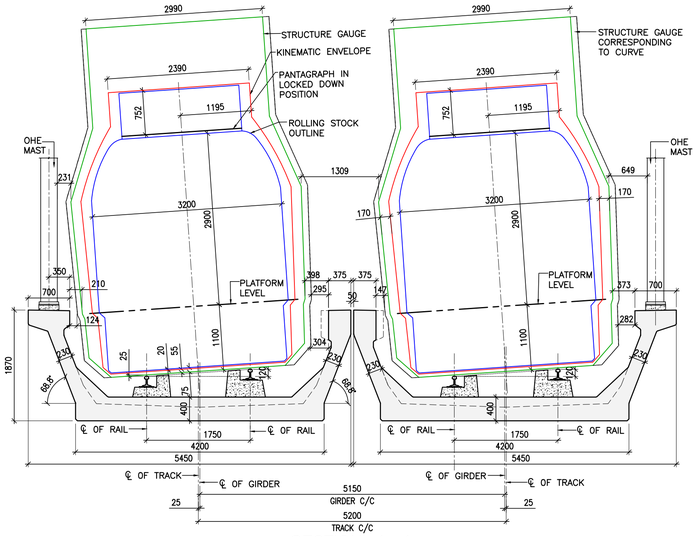


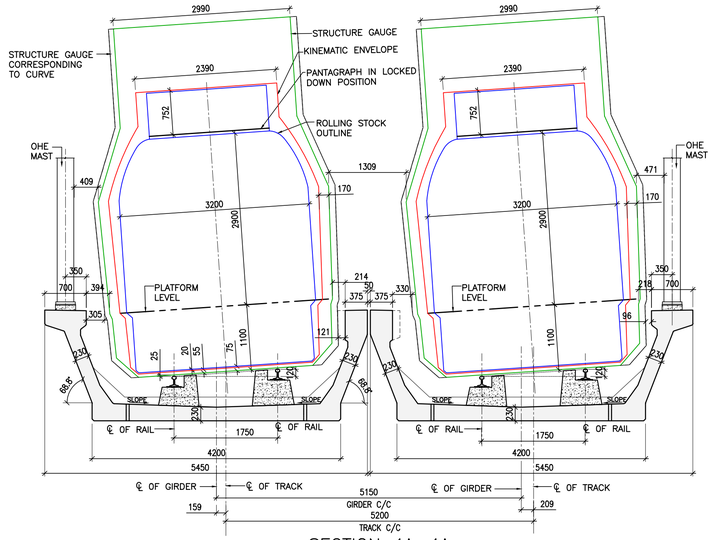
PLAN VIEW FOR 22M SPAN WITH 328M RADIUS CURVE

(SCALE 1:60)



SECTION 4–4

(AT PIER LOCATION)
(SCALE 1:50)



SECTION 4A–4A

(AT MID SPAN)
(SCALE 1:50)

GOOD FOR CONSTRUCTION

REFERENCE DRAWINGS:

(LATEST REVISION)

1. 022077-BSRP-CR2-C-VD-GEN-30-1031 – GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 22M CURVED SPAN SUPERSTRUCTURE(R≥328M & R<438M)
2. 022077-BSRP-CR2-C-VD-GEN-30-1032 – GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 22M CURVED SPAN SUPERSTRUCTURE(R≥328M & R<438M)
3. 022077-BSRP-CR2-C-VD-GEN-30-1033 – PRE TENSIONED STRAND DETAILS FOR 22M CURVED SPAN SUPERSTRUCTURE (R≥328M & R<438M)
4. 022077-BSRP-CR2-C-VD-GEN-30-1034 – REINFORCEMENT DETAILS OF 22M CURVED SPAN SUPERSTRUCTURE (R≥328M & R<438M) SHEET 1 OF 2
5. 022077-BSRP-CR2-C-VD-GEN-30-1034 – REINFORCEMENT DETAILS OF 22M CURVED SPAN SUPERSTRUCTURE (R≥328M & R<438M) SHEET 2 OF 2
6. 022077-BSRP-CR2-C-VD-GEN-30-1035 – REINFORCEMENT DETAILS OF 22M CURVED SPAN SUPERSTRUCTURE (R≥328M & R<438M) SHEET 1 OF 2
7. 022077-BSRP-CR2-C-VD-GEN-30-1035 – REINFORCEMENT DETAILS OF 22M CURVED SPAN SUPERSTRUCTURE (R≥328M & R<438M) SHEET 2 OF 2
8. 022077-BSRP-CR2-C-VD-GEN-30-5001 – PRE TENSIONED STRAND DETAILS FOR U-GIRDER
9. 022077-BSRP-CR2-C-VD-GEN-30-5006 – TYPICAL DETAIL OF ANCHOR & REINFORCEMENT OF PEDESTAL & WEB OF U-GIRDER AT OHE MAST LOCATION
10. 022077-BSRP-CR2-C-VD-GEN-30-5021 – PLACING OF U-GIRDER AND I-GIRDER FOR CR2 & CR4
11. 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.

LEGEND : ℄ – CENTER LINE

REFERENCE DRAWINGS :

REFERENCE DOCUMENTS :

KEY PLAN

STATION BOX KEY PLAN

REVISIONS		
REV	DATE	BRIEF DESCRIPTION
0	21.05.2024	GOOD FOR CONSTRUCTION
D	30.04.2024	REVISED BY ADDING PATENT NOTE & DUE TO CONGESTION OF REINFORCEMENT
C	01.12.2023	REVISED AS PER GC's COMMENTS THROUGH LETTER NO. 1077
B	11.10.2023	REVISED AS MARKED
A	28.12.2022	FOR APPROVAL

CONTRACTOR : TRANSPORTATION INFRASTRUCTURE IC EDRC-SPECIAL BRIDGES

DETAILED DESIGN CONSULTANT (DDC) : STUP Consultants Pvt. Ltd. Prestige Obelisk, Ramachandrachar Arcade # 68, 4th Floor, Millers Road, Bengaluru-560052. Tel.: 080-2286 9900. Email : bangalore@stupconsultants.com

PROOF CONSULTANT (PC) : Indian Institute of Technology Madras IIT P.O., Chennai 600 036 INDIA

L&T CONSTRUCTION EDRC-SPECIAL BRIDGES - TSC

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	21.05.2024	21.05.2024	21.05.2024		21.05.2024
NAME	PRESHIT M	VIJAYENDRA J	SHASHIDHAR C		KVM
	PREPARED BY	CHECKED BY	APPROVED BY	APPROVED BY	ISSUED BY

GENERAL CONSULTANTS

	CHECKED & APPROVED		COUNTER SIGN		K RIDE		
	NAME	SIGN	PROJECT DIRECTOR			DESIGNATION	SIGN	DATE
CIVIL:GAD			SIGN		CIVIL:GAD			
CIVIL:ALIGNMENT			NAME		CIVIL:ALIGNMENT			
CIVIL:STRUCTURAL			DATE		CIVIL:STRUCTURAL	GM/CIVIL/DESIGN		
CIVIL:GEOTECH								

EMPLOYER : RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

GENERAL CONSULTANTS : AECOM egis WSP AECOM-EGIS-WSP

PROJECT : BENGALURU SUBURBAN RAILWAY PROJECT (BSRP)
K-RIDE CORRIDOR - 2

DRAWING TITLE : GAUGES AND CLEARANCES - 22 M SPAN - (R≥328M & R<438M) - PLAN VIEW & SECTION VIEW

DRAWING NO. :	REVISION	DWG STATUS
O22077-BSRP-CR2-C-VD-GEN-30-1036	0	C
SCALE : AS SHOWN	DATE : 21.05.2024	

PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M) | SHEET SIZE - A1

06-05-2024 13:10:40
D:\Vikas\KRIDE\05-05-2024 KRIDE_U Girder GF\CHRIDE_U Girder GF\O2201-CURVE_GF\O2201-CURVE_GF (New template)\O22077-BSRP-CR2-C-VD-GEN-30-1036_0.dwg