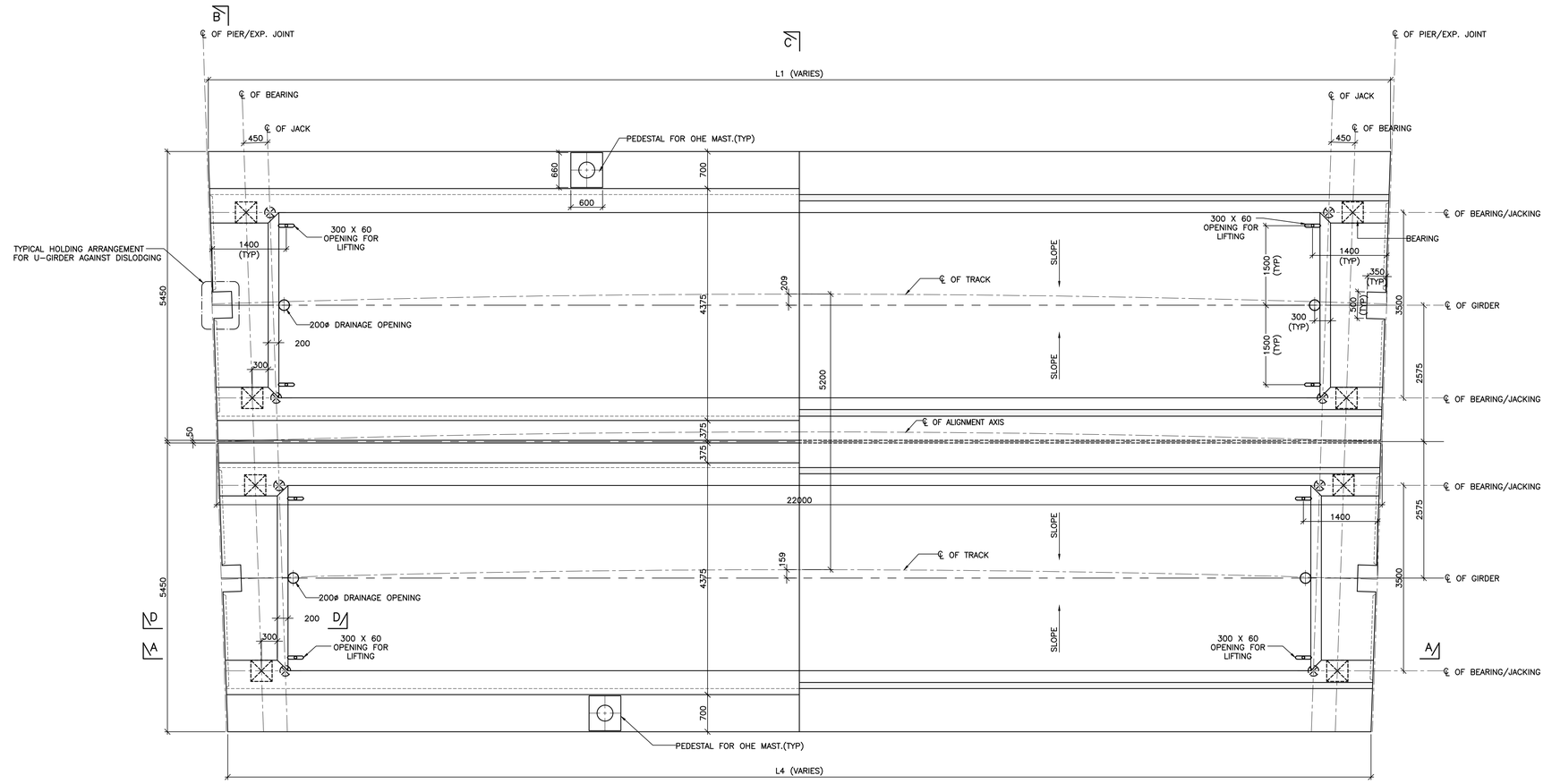
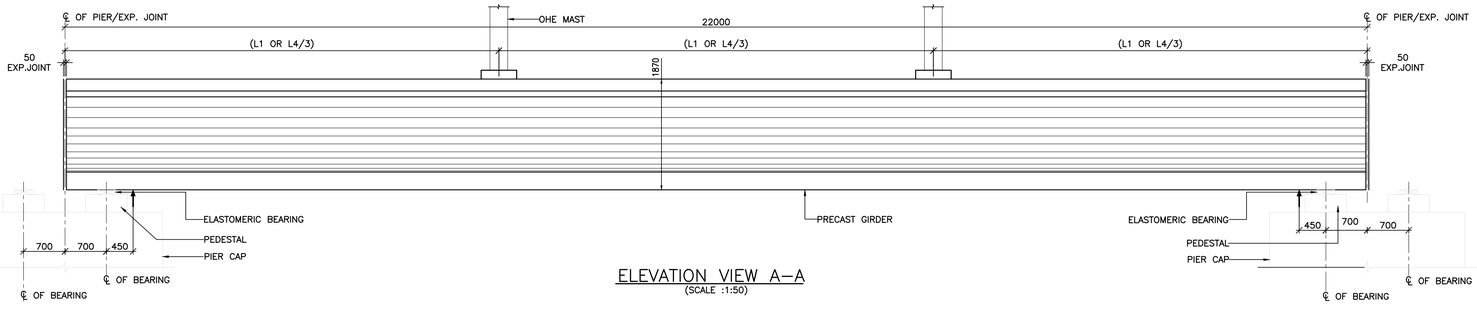


B — HALF PLAN AT TOP LEVEL
(SCALE :1:50)

C — HALF PLAN AT BOTTOM LEVEL
(SCALE :1:50)



ELEVATION VIEW A–A
(SCALE :1:50)

FOR L1 & L4 REFER DWG. NO.
022077-BSRP-CR2-C-VD-GEN-20-5021

SELF WEIGHT OF GIRDER = 1246 kN
CONCRETE VOLUME = 50 m^3
HYSD = 9.70 MT
HTS = 1.36 MT

REFERENCE DRAWINGS: (LATEST REVISION)

1. 022077-BSRP-CR2-C-VD-GEN-30-1032 – GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 22M CURVED SPAN SUPERSTRUCTURE(R≥328M & R<438M)
2. 022077-BSRP-CR2-C-VD-GEN-30-1033 – PRE TENSIONED STRAND DETAILS FOR 22M CURVED SPAN SUPERSTRUCTURE (R≥328M & R<438M)
3. 022077-BSRP-CR2-C-VD-GEN-30-1034 – REINFORCEMENT DETAILS OF 22M CURVED SPAN SUPERSTRUCTURE (R≥328M & R<438M) SHEET 1 OF 2
4. 022077-BSRP-CR2-C-VD-GEN-30-1034 – REINFORCEMENT DETAILS OF 22M CURVED SPAN SUPERSTRUCTURE (R≥328M & R<438M) SHEET 2 OF 2
5. 022077-BSRP-CR2-C-VD-GEN-30-1035 – REINFORCEMENT DETAILS OF 22M CURVED SPAN SUPERSTRUCTURE (R≥328M & R<438M) SHEET 1 OF 2
6. 022077-BSRP-CR2-C-VD-GEN-30-1035 – REINFORCEMENT DETAILS OF 22M CURVED SPAN SUPERSTRUCTURE (R≥328M & R<438M) SHEET 2 OF 2
7. 022077-BSRP-CR2-C-VD-GEN-30-1036 – GAUGES AND CLEARANCES – 22 M SPAN – (R≥328M & R<438M) – PLAN VIEW & SECTION VIEW
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"

GOOD FOR CONSTRUCTION

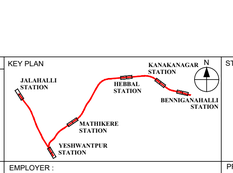
NOTES :
1. ALL DIMENSIONS ARE IN MILLIMETRES. UNLESS OTHERWISE MENTIONED.
2. DIMENSIONS ARE NOT TO BE SCALED, FOLLOW ONLY WRITTEN DIMENSIONS.

LEGEND :
- ⊠ — BEARING
- ⊗ — JACKING POSITION IN PLAN
- ↑ — JACKING POSITION IN ELEVATION

REFERENCE DRAWINGS :

REFERENCE DOCUMENTS :

KEY PLAN



STATION BOX KEY PLAN

REVISIONS		
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	14.07.2023	FOR APPROVAL
REV	DATE	BRIEF DESCRIPTION

CONTRACTOR : TRANSPORTATION INFRASTRUCTURE IC EDRC-SPECIAL BRIDGES

DETAILED DESIGN CONSULTANT (DDC) : STUP Consultants Pvt. Ltd. 3rd Floor, Panchasheel Arcade # 69, 9th Main, Millers Road, Bengaluru-560052 Phone : 080-22266000 Email : bangalore@stupsystem.com www.stupsystem.com

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

L&T CONSTRUCTION EDRC-SPECIAL BRIDGES - TIIC

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	BHASHEHAR C		KVM
	PREPARED BY	CHECKED BY	APPROVED BY	APPROVED BY	ISSUED BY

GENERAL CONSULTANTS

	CHECKED & APPROVED		COUNTER SIGN	
	NAME	SIGN	PROJECT DIRECTOR	
CIVIL:GAD			SIGN	
CIVIL:ALIGNMENT			NAME	
CIVIL:STRUCTURAL			DATE	
CIVIL:GEOTECH				

K RIDE

	DESIGNATION	SIGN	DATE
CIVIL:GAD			
CIVIL:ALIGNMENT			
CIVIL:STRUCTURAL			
CIVIL:STRUCTURAL	GM/CIVIL/DESIGN		

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 : GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 22M CURVED SPAN SUPERSTRUCTURE (R≥328M & R<438M)

DRAWING NO. : O22077-BSRP-CR2-C-VD-GEN-30-1031 | REVISION : 0 | DWG STATUS : 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

05-05-2024 15:35:07
D:\Vivek\RDSO\05-05-2024 WORK\E_U Girder GF\CHECKED_U Girder GF\CC22m-CURVE_GF (C)\New template\022077-BSRP-CR2-C-VD-GEN-30-1031_D.dwg