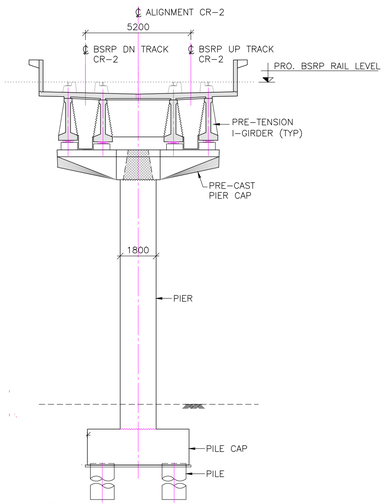
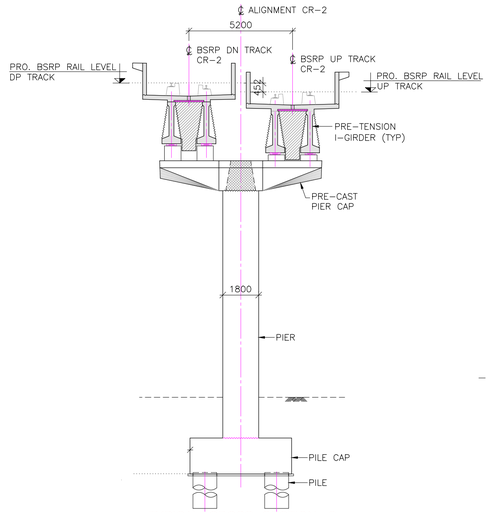
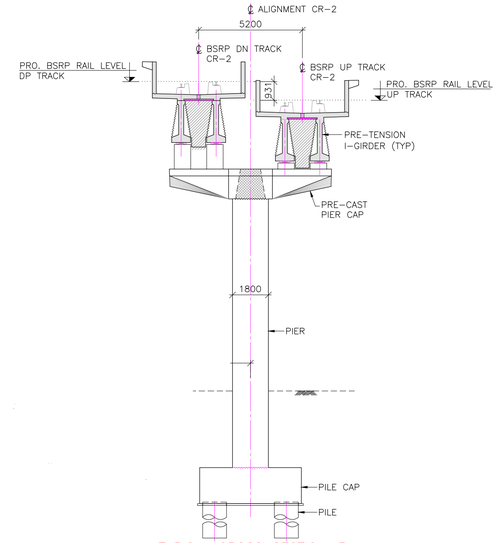



TYPICAL CROSS SECTION-1
(SCALE 1:150)




TYPICAL CROSS SECTION-2
(SCALE 1:150)




TYPICAL CROSS SECTION-3
(SCALE 1:150)
(APPLICABLE FOR P182)

## REFERENCE DRAWINGS:- (LATEST REVISION)

022077-BSRP-CR2-C-VD-GEN-20-2061
022077-BSRP-CR2-C-VD-GEN-20-2062
022077-BSRP-CR2-C-VD-GEN-20-2063
022077-BSRP-CR2-C-VD-GEN-20-2064
022077-BSRP-CR2-C-VD-GEN-20-2065 GENERAL ARRANGEMENT DRAWING FOR
022077-BSRP-CR2-C-VD-GEN-20-2066..... VIADUCT PORTION UP LINE & DOWN LINE
022077-BSRP-CR2-C-VD-GEN-20-2068 FROM CH. 16+461.903 Km TO 18.100
022077-BSRP-CR2-C-VD-GEN-20-2069 Km FOR CR2
022077-BSRP-CR2-C-VD-GEN-20-2070
022077-BSRP-CR2-C-VD-GEN-20-2071
022077-BSRP-CR2-C-VD-GEN-20-2072

022077-BSRP-CR2-C-VD-DGN-BR-20-4200
022077-BSRP-CR2-C-VD-DGN-BR-20-4201.....ROR ALONG CR2. UP & DOWN LINE
BETWEEN CH. KM 16+550 TO 16+800

**NOTES :**

1. ALL DIMENSIONS AND LEVELS ARE IN METER, UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ALL SUPERSTRUCTURE ARE PRECAST PRETENSIONED U-GIRDER UNLESS OTHERWISE MENTIONED.
4. CHAINAGES MENTIONED ARE AT THE CENTER LINE OF ALIGNMENT.

**LEGEND :**

P : SINGLE PIER
DP : DOWN LINE SINGLE PIER
UP : UP LINE SINGLE PIER
PP : PORTAL PIER
CP : CANTILEVER PIER (PIER WITH ECCENTRIC PIER CAP)

**REFERENCE DRAWINGS :**

022077-C-RL-TR-PP-0001 TO 0025.....
ALIGNMENT PLAN & PROFILE FROM CH: -0+980 TO CH: 24+420

**REFERENCE DOCUMENTS :**

| REV | DATE | REVISIONS |
|---|---|---|
| c | 12.07.2024 | REVISED AS PER GC COMMENTS |
| b | 17.05.2024 | REVISED DUE TO CHANGE IN PLAN & PROFILE |
| a | 23.02.2024 | FOR APPROVAL |

CONTRACTOR :

DETAILED DESIGN CONSULTANT (DDC) :

PROOF CONSULTANT (PC) :

Indian Institute of Technology Madras
IIT P.O., Chennai
600 036 INDIA

**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 | 12/07/2024 | 12/07/2024 | 12/07/2024 | | 12/07/2024 |
| NAME | MLR | SSV | PC | | 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 | GM/CIVIL/DESIGN | | |

KEY PLAN




STATION BOX KEY PLAN

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 DRAWING FOR VIADUCT PORTION

DRAWING NO. : O22077-BSRP-CR2-C-VD-GEN-20-20667

| REVISION | DWG STATUS |
|---|---|
| c | D |

SCALE : AS SHOWN

DATE : 23.02.2024

PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M)

SHEET SIZE - A1

29-11-2024 14:14:33
D:\Mmodi_NKG_K-RIDE\22_Viaduct\work\022077-BSRP-CR2-C-VD-GEN-20-2061 to 2067_0_r_2068 & 2069_a_b_2070_0_r_2071_a_b_2072_0_r_2072_b_r.dwg