

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES. UNLESS OTHERWISE MENTIONED.
2. DIMENSIONS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. GRADE OF CONCRETE SHALL BE AS FOLLOWS:-
 - a) PRECAST RCC PIER CAP - M50
 - b) CAST IN-SITU STITCH - M50
 - c) BEARING PEDESTAL - M50
 - d) SEISMIC ARRESTER - M50
4. IF ANY AMBIGUITY IS FOUND IN DRAWING OR AT SITE REGARDING PIER SHAPE/DIMENSIONS THE SAME SHALL BE BROUGHT TO DESIGNER'S NOTICE BEFORE EXECUTION.
5. THE PEDESTAL AND SEISMIC ARRESTER SHALL BE CAST SIMULTANEOUSLY ALONG WITH CAST IN-SITU PORTION OF THE PIER CAP.

LEGEND:

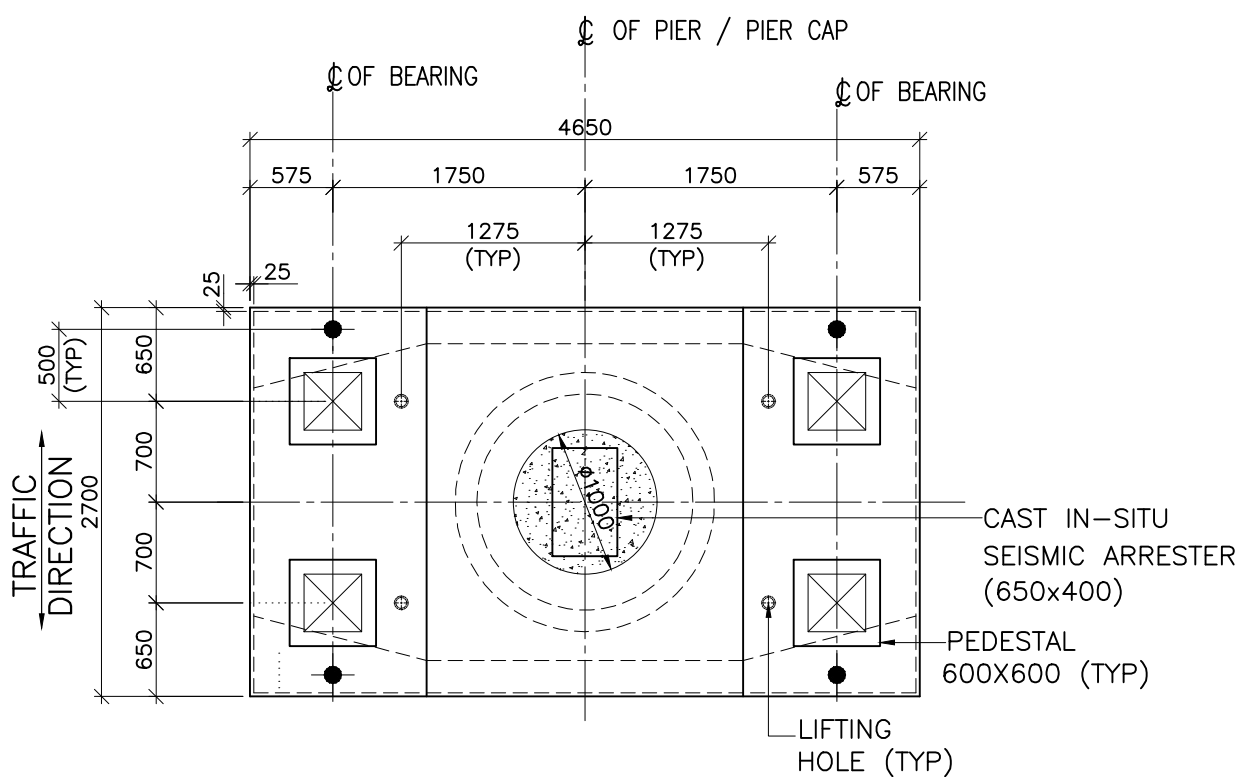
- NEOPRENE BEARING
- JACK POINTS
- LIFTING HOLE
- TYP - TYPICAL
- CAST IN-SITU CONCRETE

CONSTRUCTION STAGE

1. CASTING OF PRECAST RCC PIER CAP IN CASTING YARD.
2. ERECTION OF PIER CAP IN POSITION AFTER PRECAST CONCRETE ATTAINS 40MPa STRENGTH.
3. CONSTRUCTION OF CAST IN-SITU PORTION OF PIER CAP ALONG WITH THE PEDESTALS AND SEISMIC ARRESTER.
4. COMPLETE LIFTING AND PLACING OF U-GIRDER SUPER STRUCTURE OVER THE PIER CAP ONCE THE PEDESTAL & CAST IN-SITU PORTION ATTAINS 50MPa STRENGTH OR AFTER 28 DAYS OF CASTING WHICHEVER IS EARLIER.

THIS DRAWING IS APPLICABLE FOR PIER LOCATIONS

UP 208	UP 215
UP 209	UP 216
UP 210	UP 217
UP 211	UP 218
UP 212	UP 219
UP 213	UP 220
UP 214	



PLAN AT PIER CAP TOP LEVEL
(SCALE 1:50)

GOOD FOR CONSTRUCTION

NOTES :

LEGEND :

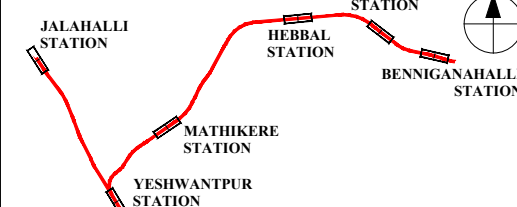
REFERENCE DRAWINGS :

O22077-BSRP-CR2-C-VD-GEN-20-1292

REFERENCE DOCUMENTS :

DOC-BSRP-CR2-EV-DGN-20-1171

KEY PLAN



STATION BOX KEY PLAN

REVISIONS		
REV	DATE	BRIEF DESCRIPTION
1	15/11/24	FOR CONSTRUCTION
0	11/07/24	FOR CONSTRUCTION
C	06/03/24	REVISED AS PER GC COMMENTS
B	19/02/24	REVISED AS PER GC COMMENTS
A	28/04/23	FOR APPROVAL
REV	DATE	BRIEF DESCRIPTION

CONTRACTOR :	
TRANSPORTATION INFRASTRUCTURE IC EDRC-SPECIAL BRIDGES	
DETAILED DESIGN CONSULTANT (DDC) :	
STUP Consultants Pvt. Ltd. # 60, 4th Floor, Mylas Road, Bengaluru-560052. Tel: 080-2288 9500 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	15.11.2024	15.11.2024	15.11.2024
NAME	SK	LN	PC
PREPARED BY	CHECKED BY	APPROVED BY	APPROVED BY
			KVM

GENERAL CONSULTANTS			
CHECKED & APPROVED		COUNTER SIGN	
NAME	SIGN	PROJECT DIRECTOR	
CIVIL/GAD		SIGN	
CIVIL/ALIGNMENT		NAME	CIVIL/GAD
CIVIL/STRUCTURAL		DATE	CIVIL/ALIGNMENT
CIVIL/GEOTECH			CIVIL/STRUCTURAL/SM/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 :			
DIMENSIONAL DETAILS OF SINGLE TRACK PRECAST RCC PIER CAP (U-GIRDER 31M STANDARD SPAN)			
DRAWING NO. :		REVISION	DWG STATUS
O22077-BSRP-CR2-C-VD-GEN-30-1291		1	C
SCALE : AS SHOWN		DATE : 11.07.2024	
PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M)		SHEET SIZE - A2	

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