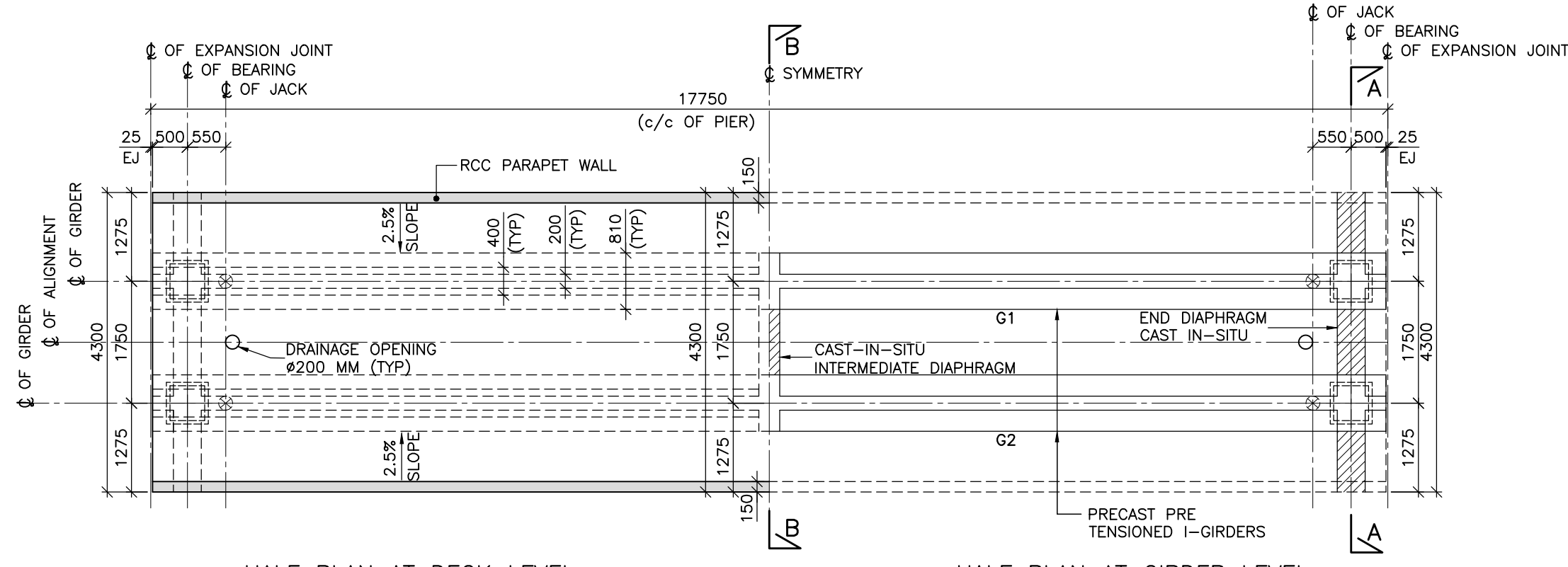


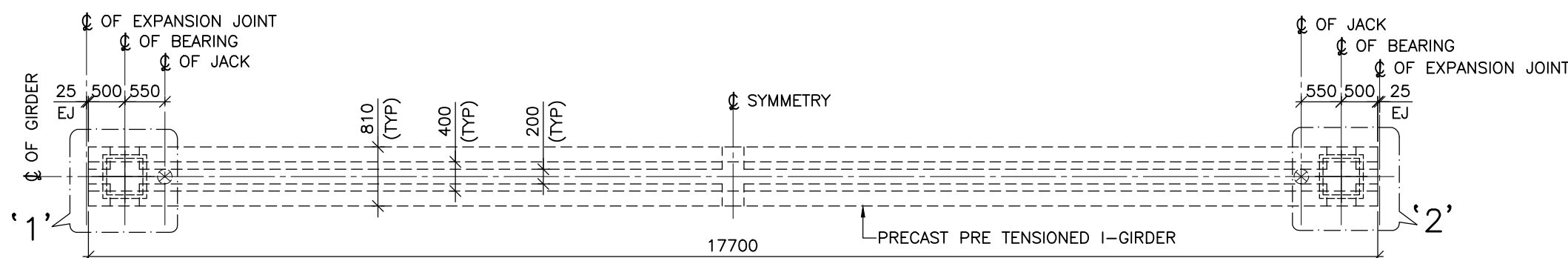
LONGITUDINAL SECTION AT TRACK CENTER  
(SCALE 1:75)



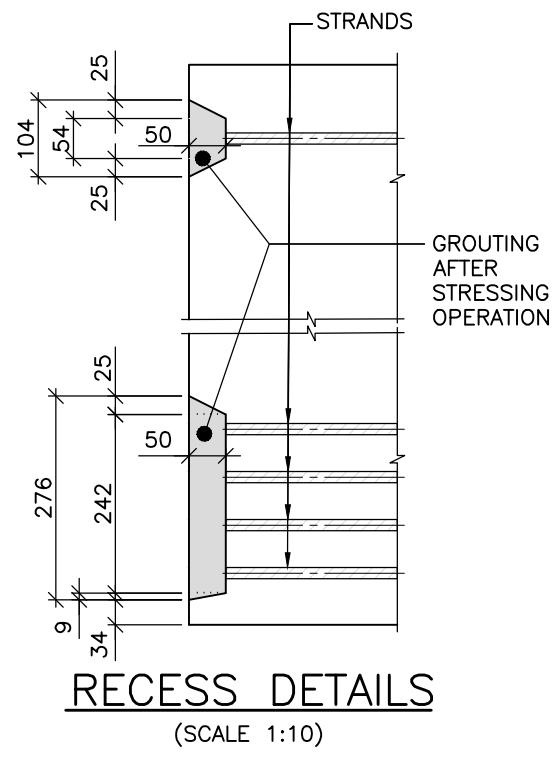
HALF PLAN AT DECK LEVEL

PLAN  
(SCALE 1:75)

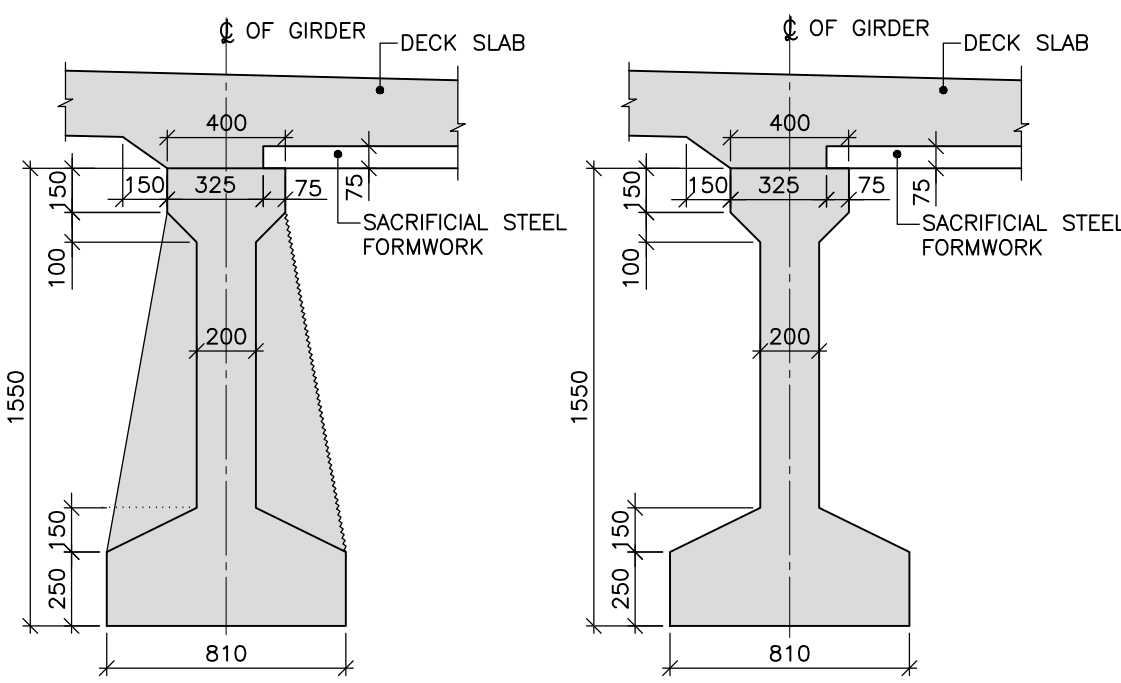
HALF PLAN AT GIRDER LEVEL



TYPICAL PLAN OF I-GIRDER G1 & G2



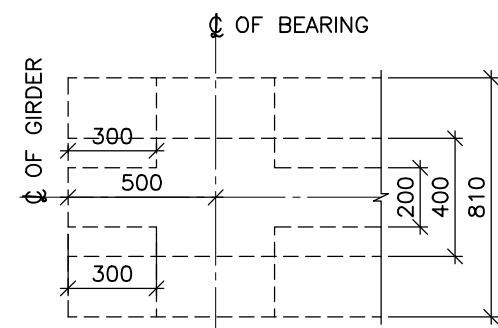
RECESS DETAILS  
(SCALE 1:10)



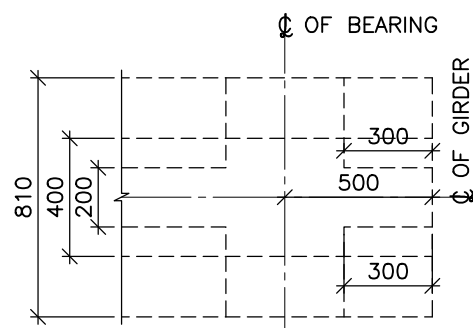
END SPAN

MID SPAN

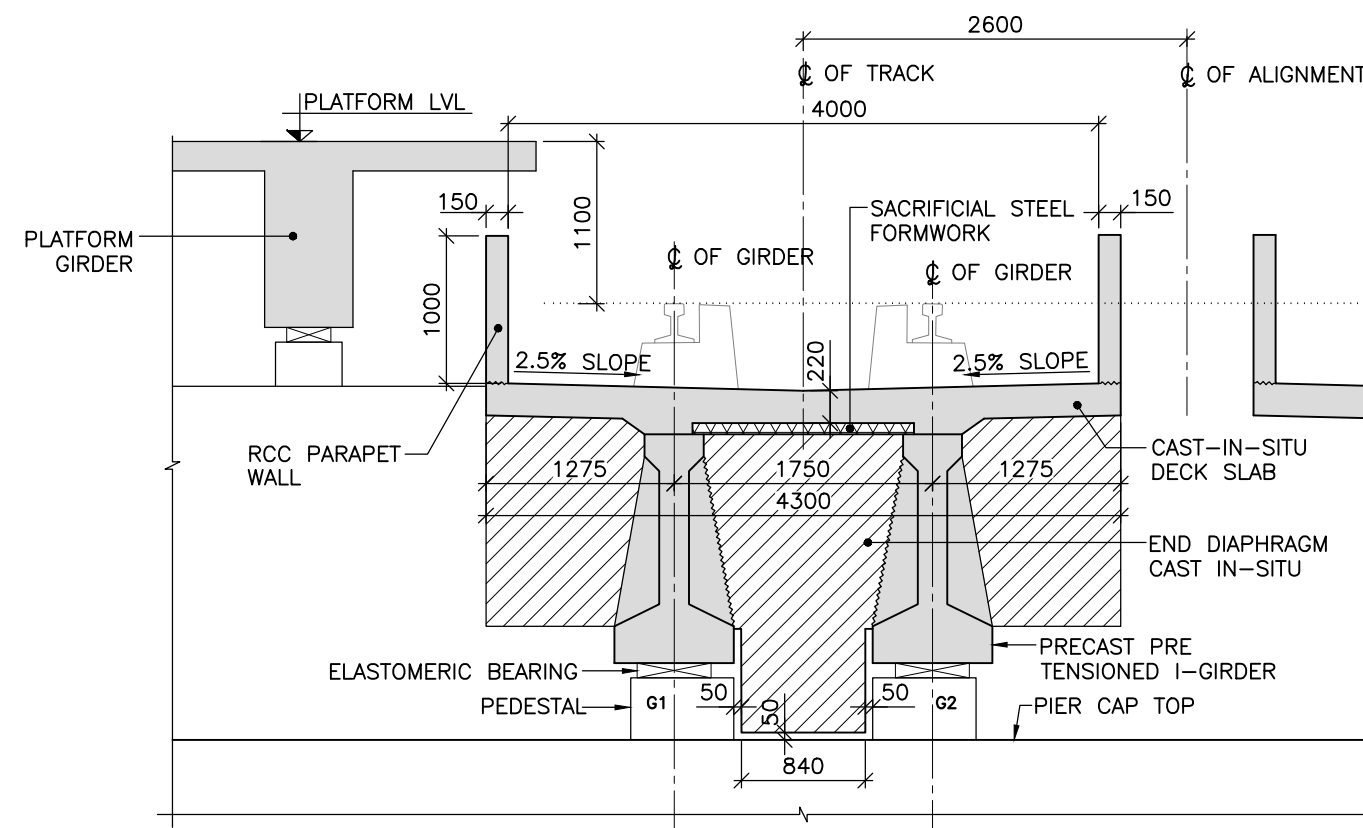
GIRDER DETAILS  
(SCALE 1:25)



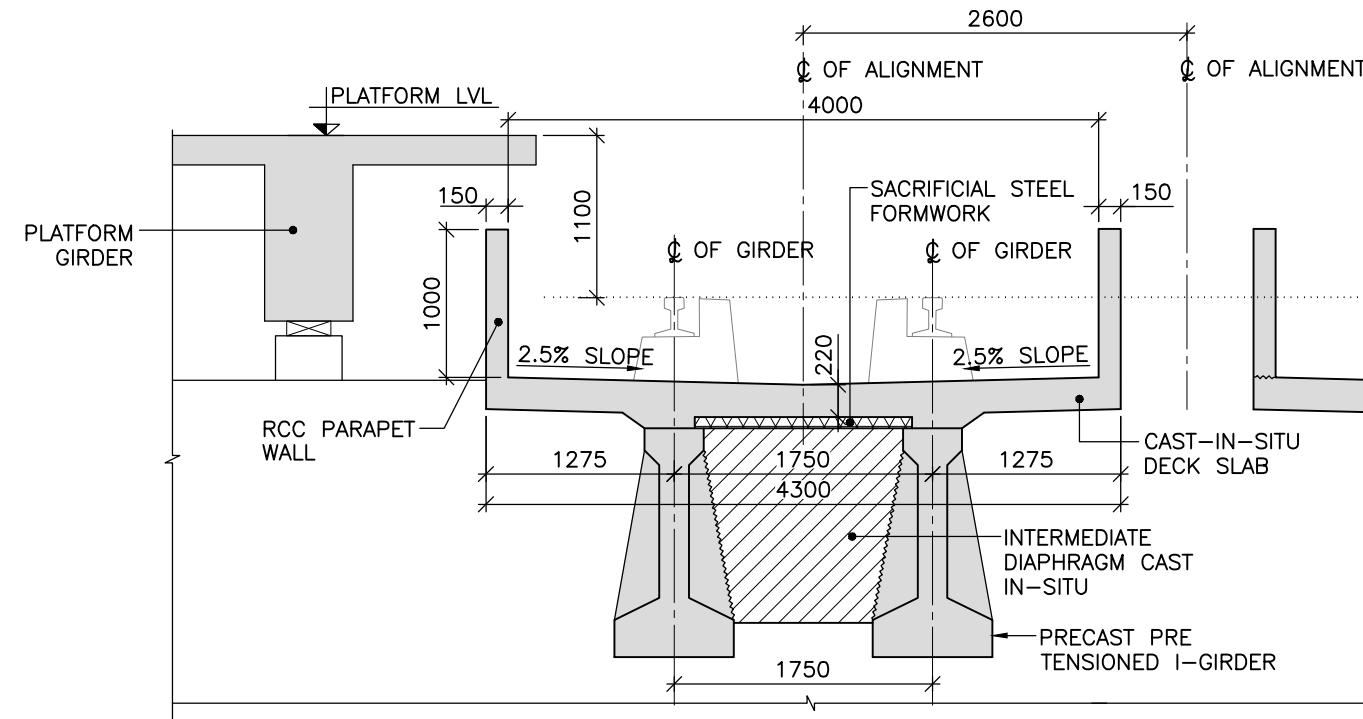
TYPICAL DETAIL '1'  
(SCALE 1:25)



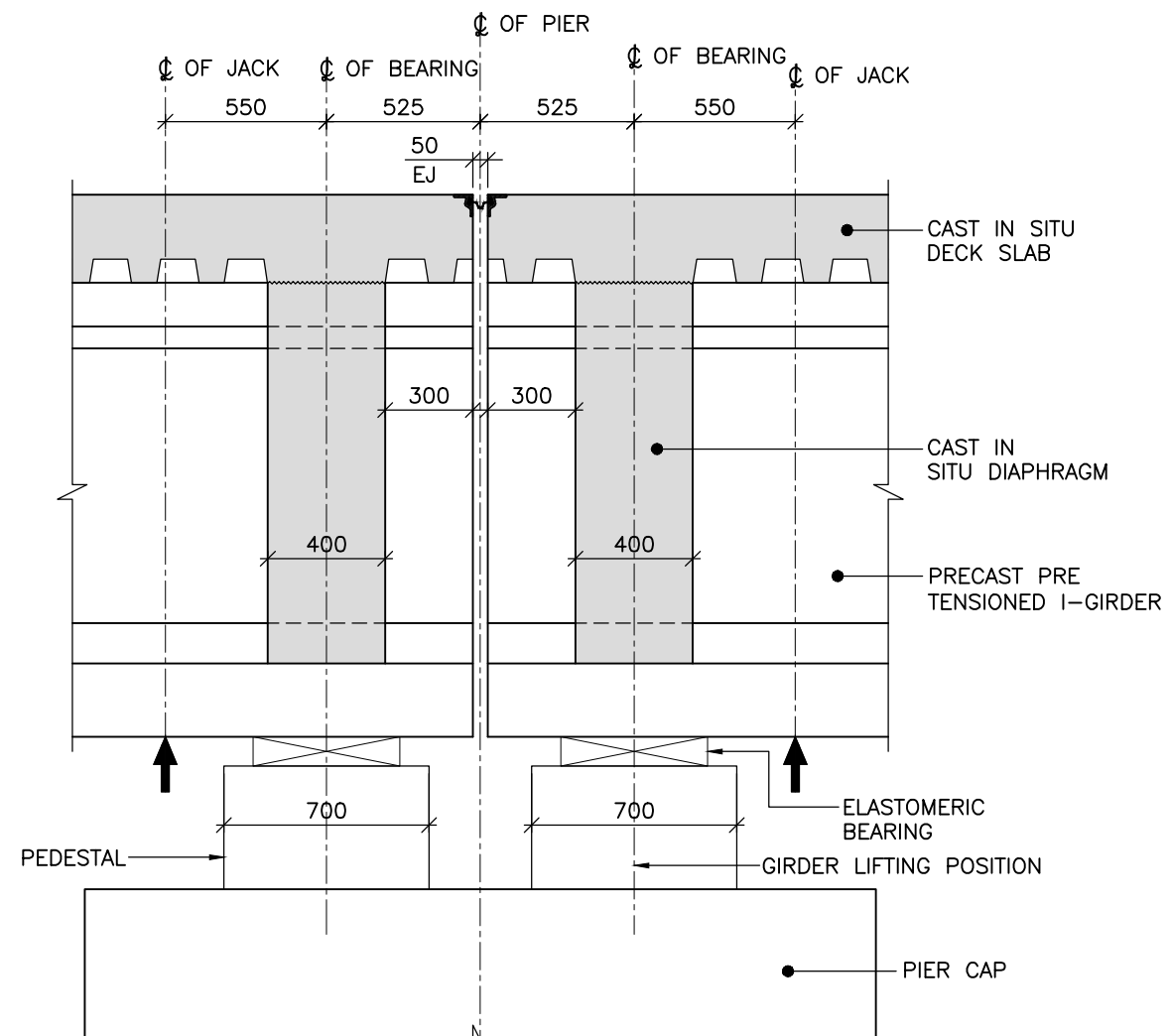
TYPICAL DETAIL '2'  
(SCALE 1:25)



SECTION A-A  
(SCALE 1:50)



SECTION B-B  
(SCALE 1:50)



DETAIL-X  
(SCALE 1:25)

## NOTES :

1. ALL DIMENSIONS ARE IN MILLIMETERS LEVELS ARE IN METERS UNLESS SPECIFIED OTHERWISE.
2. FOLLOW FIGURED DIMENSIONS ONLY.
3. SUITABLE PROVISION TO BE MADE FOR ANCHORING ONE MAST.
4. GROUTING SHOULD BE DONE SOON AFTER STRESSING OF THE CABLES WITH NEAT CEMENT GROUT (WITH APPROVED ADMIXTURES IF REQUIRED) AS PER SPECIFICATION.
5. CONCRETE GRADES FOR ALL SUPERSTRUCTURE COMPONENTS - GIRDER-M60 DECK SLAB AND DIAPHRAGM-M40 PARAPET-M40

## REFERENCE DRAWINGS :

1. 022077-BSRP-CR2-C-VD-GEN-20-2420..... REINFORCEMENT DETAILS OF 17.75M STRAIGHT SPAN SUPERSTRUCTURE AT MATHIKERE STATION FOR CR2 FOR P160 TO P161 & P162 TO P163 (UP & DOWN TRACK)- SINGLE TRACK
2. 022077-BSRP-CR2-C-VD-GEN-20-2421..... PRE TENSIONED STRAND DETAILS FOR 17.75M STRAIGHT SPAN SUPERSTRUCTURE AT MATHIKERE STATION FOR CR2 FOR P160 TO P161 & P162 TO P163 (UP & DOWN TRACK)- SINGLE TRACK
3. 022077-BSRP-CR2-C-VD-GEN-20-2422..... REINFORCEMENT DETAILS OF 17.75M STRAIGHT SPAN SUPERSTRUCTURE AT MATHIKERE STATION FOR CR2 FOR P160 TO P161 & P162 TO P163 (UP & DOWN TRACK)- SINGLE TRACK (DECK SLAB AND DIAPHRAGM)

NOTES :		NOTES :		LEGEND :		REFERENCE DRAWINGS :		REFERENCE DOCUMENTS :		KEY PLAN		STATION BOX KEY PLAN		EMPLOYER :	
				☒ BEARING ☒ JACKING POSITION ↑ JACKING POSITION G GIRDER				DOC-BSRP-CR2-EV-DGN-GEN-20-1360						DESIGNATION NAME SIGN	
REVISIONS		CONTRACTOR :		QUALITY ASSURANCE		GENERAL CONSULTANTS		EMPLOYER :		PROJECT :		DRAWING TITLE :		DRAWING NO. :	
		TRANSPORTATION INFRASTRUCTURE IC EDRC-SPECIAL BRIDGES		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.		CHECKED NAME SIGN CIVIL & STRUCTURAL GEO-TECHNICAL		RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED		BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2		GENERAL ARRANGEMENT FOR 17.75M STRAIGHT SPAN SUPERSTRUCTURE AT MATHIKERE STATION FOR CR2 FOR P160 TO P161 & P162 TO P163 (UP & DOWN TRACK)- SINGLE TRACK		O22077-BSRP-CR2-C-VD-GEN-20-2419	
		DETAILED DESIGN CONSULTANT (DDC) : STUP Consultants Pvt. Ltd. P.O. Box 245, Bangalore-560025 T: 080-2656 1000 E: info@stupconsultants.com www.stupconsultants.com		PROOF CONSULTANT (PC) : Indian Institute of Technology Madras IIT P.O., Chennai 600 036 INDIA		DATE 01.07.2024 01.07.2024 01.07.2024 01.07.2024 NAME HSS ADR SDC KVM PREPARED BY CHECKED BY APPROVED BY APPROVED BY ISSUED BY		GENERAL CONSULTANTS :		SCALE : AS SHOWN		DATE : 20.06.2024		REVISION DWG STATUS	
a 01.07.24 FOR APPROVAL								AECOM egis WSP AECOM-EGIS-WSP		a		D			
REV DATE BRIEF DESCRIPTION															