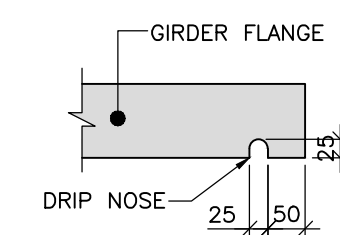
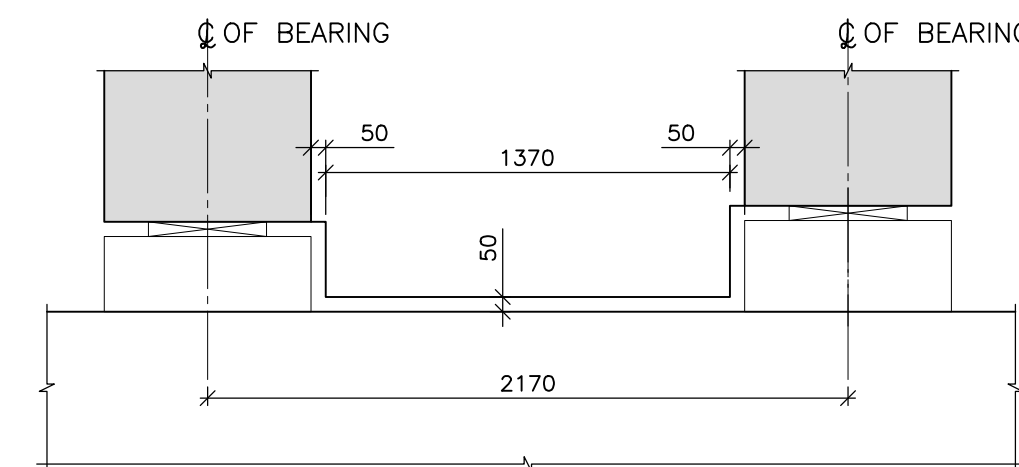


DETAIL - '1'  
(SCALE 1:25)  
(\* REFER NOTE NO. 6)



DETAIL - '2'  
(SCALE 1:10)



DETAIL - '3'  
(SCALE 1:25)

## NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES, LEVELS ARE IN METRES & CHAINAGES ARE IN KILOMETRES, UNLESS MENTIONED OTHERWISE.
- DIMENSIONS SHALL NOT BE SCALED OFF, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- EXPANSION JOINTS SHALL BE OF STRIP SEAL TYPE AS PER SPECIFICATION.
- MATERIALS :
  - GRADE OF CONCRETE - PSC GIRDER - M50
  - DECK SLAB & DIAPHRAGM - M45
  - CRASH BARRIER - M40
  - REINFORCING STEEL - Fe 500 HYSD BARS CONFORMING TO IS:1786-2008 HAVING MINIMUM ELONGATION 14.5%
- CONSTRUCTION SEQUENCE:
  - CAST GIRDERS IN CASTING YARD, APPLY FIRST STAGE PRESTRESS AFTER GIRDER CONCRETE ATTAINS MINIMUM 40mpa STRENGTH.
  - MOVE GIRDERS AWAY FROM CASTING YARD & SUPPORT THEM ALWAYS DURING LIFTING & PLACING AT CENTER LINE OF BEARING LOCATION ONLY.
  - APPLY SECOND STAGE PRESTRESSING WHEN GIRDER CONCRETE ATTAINS FULL STRENGTH.
  - LIFT GIRDERS & PLACE THEM ON PIERCAP.
  - CAST DECK SLAB & DIAPHRAGM.
  - CAST CRASH BARRIER & APPLY WEARING COAT AFTER DECK CONCRETE ATTAINS FULL STRENGTH.
- MINIMUM THICKNESS OF BEARING SEAT SHALL BE 20mm AT END OF THE CORNER. AT ALL OTHER CORNERS, THICKNESS WILL BE CALCULATED AS PER LONGITUDINAL & TRANSVERSE SLOPE OF SLAB.

## REFERENCE DRAWINGS:

- 022077-BSRP-CR2-C-VD-GEN-20-5202.....CABLE PROFILE FOR POST TENSIONED I GIRDER SUPERSTRUCTURE 28m & 28.772m STRAIGHT SPAN
- 022077-BSRP-CR2-C-VD-GEN-20-5203.....REINFORCEMENT DETAILS OF GIRDER FOR POST TENSIONED I GIRDER SUPERSTRUCTURE 28m & 28.772m STRAIGHT SPAN
- 022077-BSRP-CR2-C-VD-GEN-20-5204.....REINFORCEMENT DETAILS OF DECK SLAB, DIAPHRAGM AND CRASH BARRIER FOR POST TENSIONED I GIRDER SUPERSTRUCTURE 28.772m, 28m, 22m, 20.75m, 17.75m & 14m STRAIGHT SPAN

NOTES:		LEGEND:		REFERENCE DRAWINGS:		REFERENCE DOCUMENTS:		KEY PLAN		STATION BOX KEY PLAN	
						DOC-BSRP-CR2-EV-DGN-GEN-20-5201					
								EMPLOYER:		PROJECT:	
										BENGALURU SUBURBAN RAILWAY PROJECT (BSRP)	
								RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED		K-RIDE CORRIDOR - 2	
								GENERAL CONSULTANTS:		DRAWING TITLE:	
										CONCRETE DIMENSIONS FOR POST TENSIONED I GIRDER SUPERSTRUCTURE 28.772m SPAN	
								DRAWING NO.:		REVISION	
								O22077-BSRP-CR2-C-VD-GEN-20-5205		D	
								SCALE: AS SHOWN		DATE: 25.06.2024	
								PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M)		SHEET SIZE - A1	