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T		T	
<b>TRUCK DETAILS (PRO RABO)</b> TACKING : 25 LAXILE (LVA) ALIGNMENT : 2008-ST STRAIGHT : 10 ROLLER : 10 FILL LEVEL : 866.32m FORMATION LEVEL : 866.32m		<b>DEPT OF CONSTRUCTION</b> FOR 1 x 1.2 x 1.2 m RCC BOX	
<b>GRADE OF CONCRETE</b> NO. OF RESERVATION OF COMPONENTS : RCC BOX : M20 WEARING COURSE : M25 REINFORCING STEEL : M20 REINFORCING STEEL WALL : M25		GR 60/60 : 112 mm GR 40/40 : 10 mm BAST SLEEPER : 220 mm POLYSTYRENE : 350 mm TOP SLAB : 128 mm TOP SLAB : 350 mm C/C : 1200 mm C/C : 1200 mm TOTAL : 3600 mm	

DETAILS (EXC. RANGE)	
TYPE	1. MHC-187
MANUFACTURER	2. RISE, LTN 100
CL	3. 885-666
LN LEVEL	884-928

DEPTH OF CONSTRUCTION	
R1 X 0.9 RCC PIPE	
FORMATION	738 mm
COLUSHION	1515 mm
THICKNESS	105 mm
HEIGHT	900 mm
	= 3256mm

**MODUS OPERANDI:**









1. DIVERT OR RESTRICT THE WATER FLOW BY PROVIDING BUND ON UPSTREAM SIDE OF THE BRIDGE.
2. SHORING ARRANGEMENTS WILL BE DONE FOR PROTECTION OF BANK AND EXT. TRACK.
3. EARTHWORK EXCAVATION TO BE DONE FOR PROPOSED BARREL LENGTH

DESCRIPTION	IN METERS	SIC (1/50M)
REDOSS BROWNISH CLAYST SAND	0.00 0.50 1.00 1.50	16 7.5
REDOSS BROWNISH MEDIUM DUNE CLAYEY	22 17	

DEPTH (m)	SOIL TYPE	WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)	UNIFORMITY COEFFICIENT	SHRINKAGE RATIO (%)	SHRINKAGE INDEX (%)	SHRINKAGE CHART
0.00	CLAYEY BROWNISH MEDIUM DENSE CLAY	19	40	21	1.4	24	14	
3.00								
3.50								
4.00								
4.50								
5.00								
5.50								
6.00								

**BH-1 @ CH. 3+700.223**

**LEGENDS:**

	= COLOUR CODE BLACK		= EXISTING WORKS
	= COLOUR CODE RED		= PROPOSED ALY WORKS
	= COLOUR CODE YELLOW		= TO BE DISMANTLED
	= COLOUR CODE GREEN		= FUTURE TRACK

ABBREVIATIONS :	
CL	CENTER LINE
THK.	TYPICAL
U/S	THICKNESS
D/S	UP STREAM SIDE
DN	DOWN STREAM SIDE
BR	DOWN
FL	BRIDGE
PRO.	FORMATION LEVEL
EXG.	PROPOSED
	EXISTING

BRIDGE DETAILS		
DESCRIPTION	EXISTING I.R. BRIDGE : 860	PROPOSED BSR BRIDGE : 480
CHANGING AT CENTER OF BRIDGE (km)	186-711.657	3+900.223
RAIL VEHICLE AT CENTER OF BRIDGE (m)	885.666m	886.053m
FOOTPATH VEHICLE AT CENTER OF BRIDGE (m)	884.926m	885.321m
DIMENSIONS	1 x 0.9	1 x 1.2 x 1.2
STRUCTURE CONFIGURATION	PIPE	RCC BOX

CEMENTED THAT THE PRO RCC BOX BRIDGE (PRO. EXTENSION NO-B-101/55.10) TO BE CONSTRUCTED OF SUCH DESIGN, DIMENSIONS AND MATERIALS AS TO BE CAPABLE OF WITHSTANDING ALL STRESSES IN ANY WEADERS OR PORTION OF THE STRUCTURE IN EXCESS OF THE RULES FOR THE OPENING OF RAILWAYS AT FULL SPEED.

IT WAS ALSO CERTIFIED THAT THE HEAVY LOADS WHICH THE BRIDGE WOULD BE REQUIRED TO CARRY THE DEAD LOAD OF THE STRUCTURE ITSELF IN ADDITION TO THE EQUIVALENT OF 25T - 2008 LOADING PRESCRIBED BY THE INDIAN RAILWAY STANDARD CODE OF PRACTICE AND DOWN IN THE INDIAN RAILWAY STANDARD CODE OF PRACTICE

_____	_____
LC&T	GC



INION AS PER RSO DRG  
AND CONSTRUCTIONS AS WILL  
ING P-WAY COMPLETE) AND I  
E BRIDGE RULES CHAPTER VII

AVE TO CARRY WILL NOT BE  
D AND WILL NOT CAUSE ANY  
MAXIMUM PERMISSIBLE STRESSES

KRIDE

**REFERENCE:**  
RCC BOX, SIMILAR TO FIG. NO. RPS-008, 10-155 & RPS-008-10155(1) SIZE 2.00 X 1.20M (FL. 2.0M).  
REINFORCING BAR REFER DRAWING NO. D-0008-BR-CH-C-4-GS-RE-2000(1).  
BULB STIFFENERS ARE PER DESIGN MONOLITHIC WITH THE BOX REFER DRAWING NO. D-0008-BR-CH-C-4-GS-RE-2000(1).  
BATCH/LA MATERIAL BEHIND RCC BOX TO PROVIDE AS PER PARA. 7.5 OF RIS BRIDGE  
DESIGN SPECIFICATION.  
DETAILS OF EXISTING STRUCTURE SHOWN ARE AS PER INQUIRY CONSULTANT DRAWING.  
DRAWING NO. D-0008-BR-CH-C-4-GS-RE-2000(1).

**GOOD FOR CONSTRUCTION VIDE LETTER NO.**  
GC/BSRP/KRIDE/L&T/C/2024/308 DATED 22.08.2024

CONTRACTOR :	 <b>L&amp;T CONSTRUCTION</b>	DETAILED DESIGN CONSULTANT (DDC) :
PROOF CONSULTANT :	 <b>SYSTRA INDIA</b>	 <b>SISTRUCTION</b> L&T CONSTRUCTION DESIGNS EDRG - TILC
EMPLOYER :	 <b>KIRIDE</b>	GENERAL CONSULTANTS:   EGIS-AECOM-WSP
RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED		
GENERAL ARRANGEMENT DRAWING		

NO

NO NOC

NOR

BR

FL

PRO.

EXG.

BRIDGE

FORMATION LEVEL

PROPOSED

EXISTING

[illegible]



Architectural drawing showing a plan view of a retaining wall and a cross-section view.

**Plan View:**

- Top width: 2850
- Bottom width: 2000
- Centerline: Indicated by a red arrow pointing to the centerline, labeled "HALF PLAN AT TOP" and "HALF PLAN AT BOTTOM".
- Scale: SCALE 1:100

**Cross-section View:**

- Top width: 1500
- Bottom width: 1650
- Height: 2000
- Labels: EXG. TOP SLAB LEVEL - 883.958m, EXG. FORMATION LEVEL

CONTRACTOR :	 <b>L&amp;T CONSTRUCTION</b>	DETAILED DESIGN CONSULTANT (DDC) :
PROOF CONSULTANT :	 <b>SYSTRA INDIA</b>	 <b>SISTRUCTION</b> L&T CONSTRUCTION DESIGNS EDRG - TILC
EMPLOYER :	 <b>K. RIDE</b>	GENERAL CONSULTANTS:
	RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED	  EGIS-AECOM-WSP
	<b>GENERAL ARRANGEMENT DRAWING</b>	