

MODUS OPERANDI

PRE BLOCK PERIOD:-

- CAST THE RCC BALLAST RETAINER AS PER RDSO DRAWING NO RDSO/B-10278.

IMPOSE SPEED RESTRICTION OF NON STOP 20 kmph AT BRIDGE SITE (UNDER THE SUPERVISION OF SSE W):-

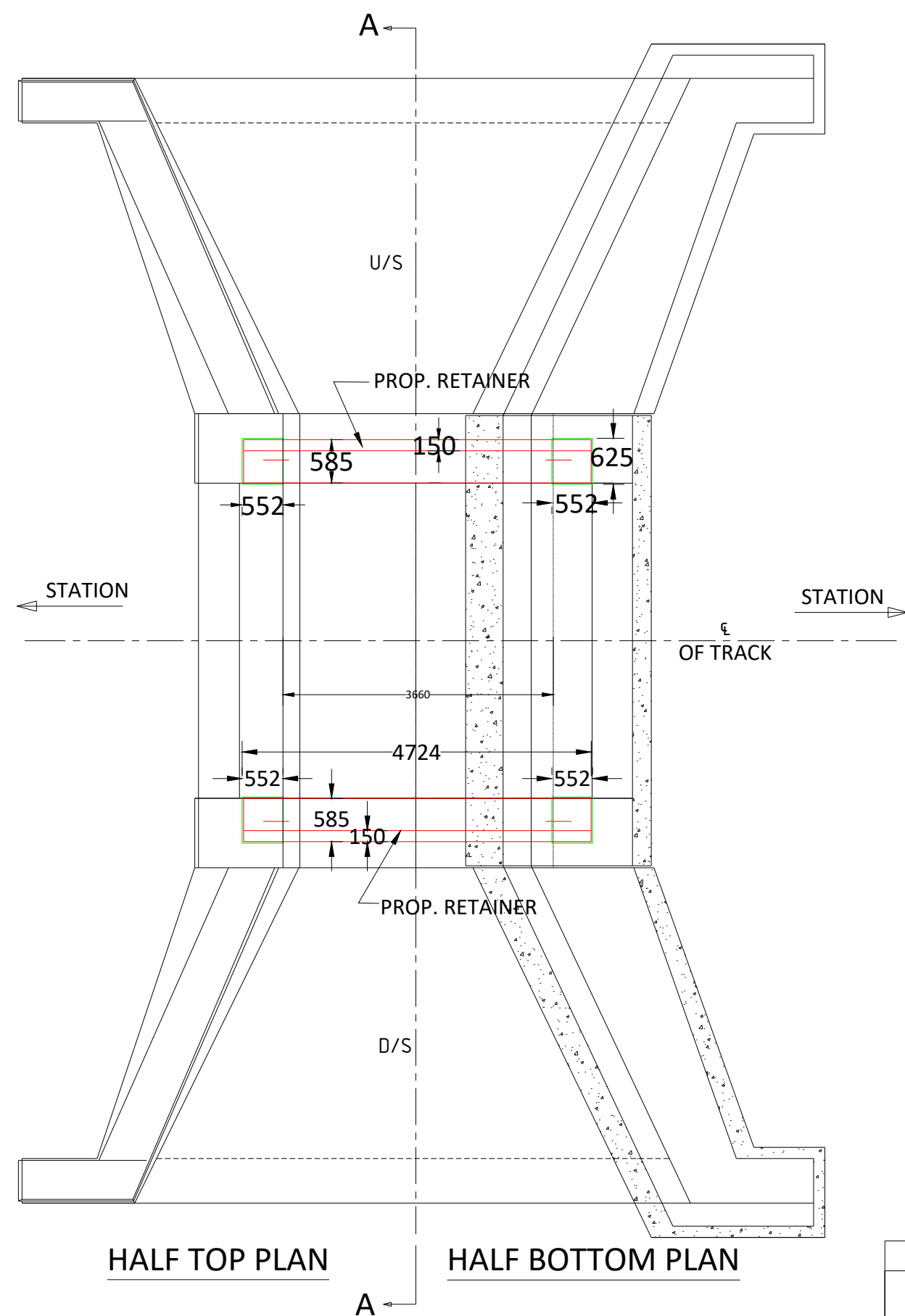
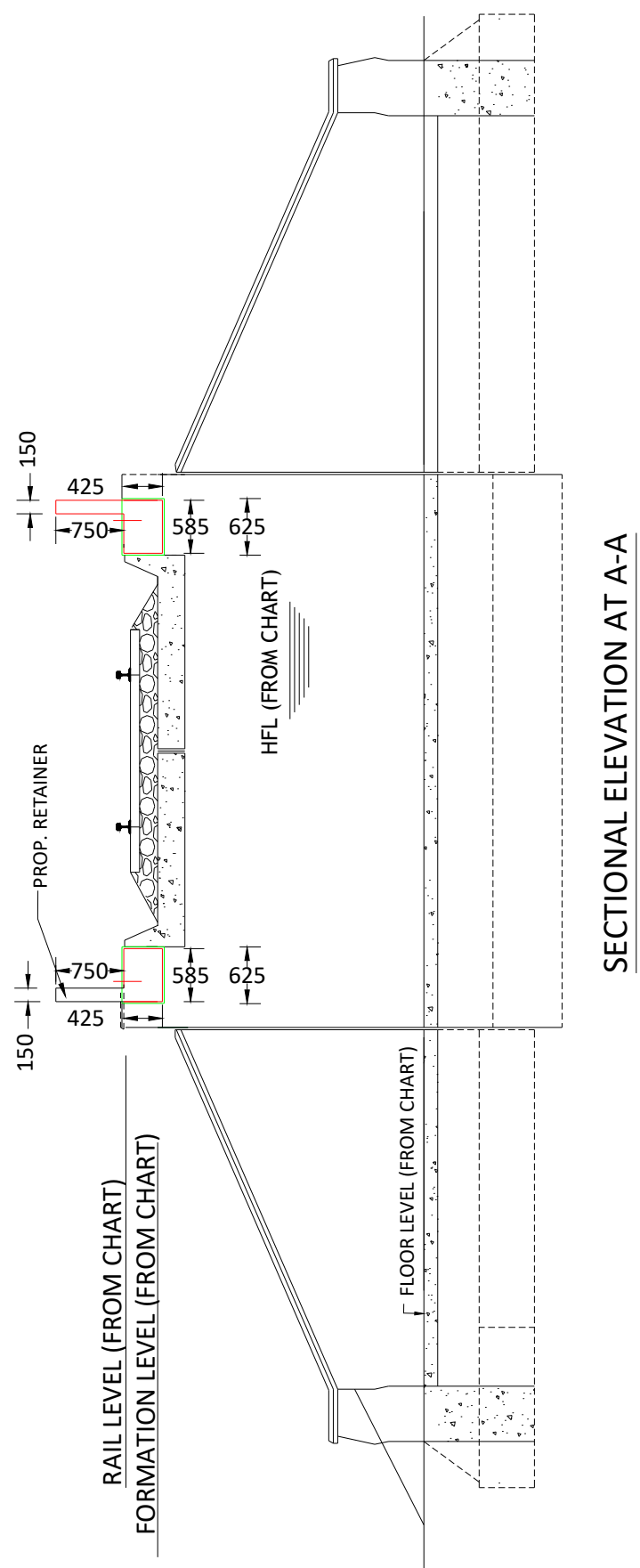
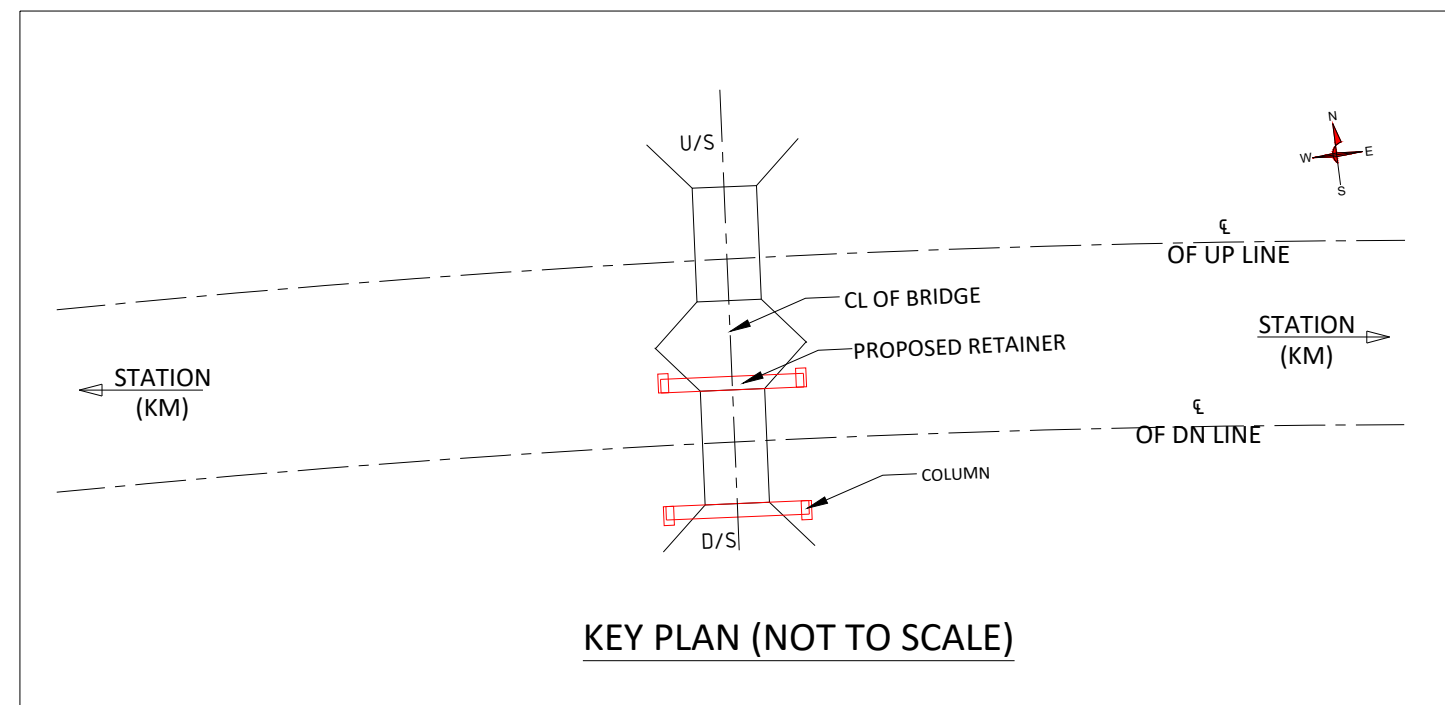
- DISMANTLE PART OF BOTH ABUTMENT TOP BY APPROX. 555mm(LENGTH) x 625mm (WIDTH)x 425mm(DEPTH) AS SHOWN IN THE DRAWING WITH DIAMOND CUTTER.
- ENSURE SIDE SUPPORT OF RETAINER MINIMUM OF 300mm BEFORE START DISMANTLING OF ABUTMENT.

DURING BLOCK :- (UNDER SUPERVISION OF ADEN)
AFTER 28 DAYS CURING

- LIFT THE RETAINER WITH CRANE OF SUITABLE CAPACITY.
- PLACE THE RETAINER SHOWN IN THE DRAWING.
- RECOUP SHOULDER BALLAST.
- REMOVE SPEED RESTRICTION.

NOTES :-

- ALL DIMENSIONS ARE IN MM EXCEPT OTHERWISE STATED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED. NO DIMENSIONS SHOULD BE SCALED.
- PROPOSED WORK SHOWN IN RED.
- DISMANTLING WORK SHOWN IN GREEN.
- PROPOSED WORK WILL BE CARRIED OUT UNDER THE SUPERVISION OF RLY OFFICIAL (SITE ENGINEER).
- SPECIFICATION OF MATERIALS:-
 - CEMENT TO BE CONFORM TO IRS CON. BR. CODE OF C. I. 4.1.
 - ALL REINFORCEMENT STEEL SHALL BE OF HIGH YIELD STRENGTH DEFORMED (HYSD)/TMT BARS, Fe₅₀₀ & HIGHER GRADE REINFORCEMENT CONFORM TO IS:1786-2008.
- OHE MAST WILL BE SHIFTED BEFORE EXECUTION OF WORK IF SO REQUIRED.
- THIS DRAWING IS PREPARED BASED ON SSE/W/FLK SITE DATA.
- FOR RETAINER BLOCK REFER RDSO'S DRG. NO. B-10278



Signature block	
CBE	
HQ-BD-DYCE	
HQ-BD-AXEN-1	TAMAL NEOGI Digitally signed by TAMAL NEOGI Date:2026.05.19 15:58:52 +05'30'
HQ-BD-SSE-DRG-7	HIMA RANI BEZBARUAH Digitally signed by HIMA RANI BEZBARUAH Date:2026.05.12 15:53:27 +05'30'
APDJ-DRM	DEVENDRA SINGH Digitally signed by DEVENDRA SINGH Date:2026.04.22 18:18:18 +05'30'
APDJ-SRDEN-C	GAMIDI LAKSHMINARAYANA Digitally signed by GAMIDI LAKSHMINARAYANA Date:2026.03.23 17:56:52 +05'30'
APDJ-SRDEN-1	MAHIPAL Digitally signed by MAHIPAL 16:05:03 +05'30' Date:2026.03.19
APDJ-SSE-DRG--2	BISWAJIT GHOSH Digitally signed by BISWAJIT GHOSH Date:2026.03.17 13:32:54 +05'30'
APDJ-JE-DRG-2	ANUPAM PAUL Digitally signed by ANUPAM PAUL Date:2026.03.17 13:27:32 +05'30'

THIS WORK SANCTIONED VIDE LB NO. 1440 OF 2025-26

LOADING STANDARD - 25T OF 2008

N.F.RAILWAY ALIPURDUAR DIVISION

INSERTION OF PROPOSED BALLAST RETAINER ON
EITHER SIDE FOR MINOR BRIDGE NO. - 140 UP,
157 UP, 164 UP, 175 DN, 180 DN, 212 DN,
213 DN, 219 DN, 221 DN, 225 DN ,
SPAN-1X3.66m (TYPE PLAN)

GENERAL ARRANGEMENT DRAWING

SCALE :- NOT TO SCALE

—DRG.No. --APDJ/B/09/2026—

DRG.No. - B/ 114 /2026

BRIDGE DATA						
BR. NO.	KM	BTN. STNS (STN A-STN B)	SPAN	TYPE	RAIL LEVEL	FORMATION LEVEL
140 (UP)	134/7-8	NBS-NOQ	1X3.66M	PSC SLAB	42.76	42.21
157 (UP)	148/4-5	NOQ-SMTA	1X3.66M	PSC SLAB	47.84	47.29
164 (UP)	151/7-8	NOQ-SMTA	1X3.66M	PSC SLAB	48.47	47.93
175 (DN)	157/8-9	SMTA-KAMG	1X3.66M	PSC SLAB	48.45	47.93
180 (DN)	161/6-7	SMTA-KAMG	1X3.66M	PSC SLAB	50.34	49.80
212 (DN)	183/5-6	JOQ-SRPB	1X3.66M	PSC SLAB	48.38	47.85
213 (DN)	183/9- 184/0	SRPB-GOGH	1X3.66M	PSC SLAB	48.40	47.85
219 (DN)	68/2-3	SRPB-GOGH	1X3.66M	PSC SLAB	48.68	48.16
221 (DN)	68/2-3	SRPB-GOGH	1X3.66M	PSC SLAB	48.68	48.16
225 (DN)	68/2-3	SRPB-GOGH	1X3.66M	PSC SLAB	48.68	48.16

