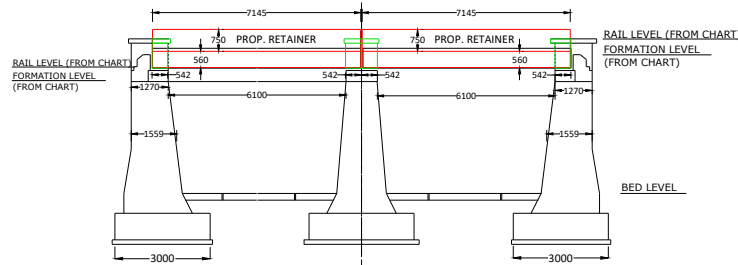


DETAILS OF RETAINER BLOCK



MODUS OPERANDI

PRE BLOCK PERIOD:-

1. CAST THE RCC BALLAST RETAINER AS PER RDSO DRAWING NO RDSO/B-10274.

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

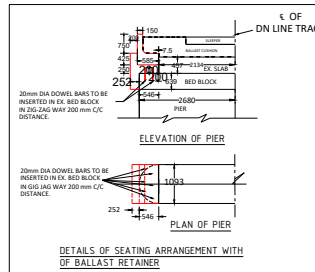
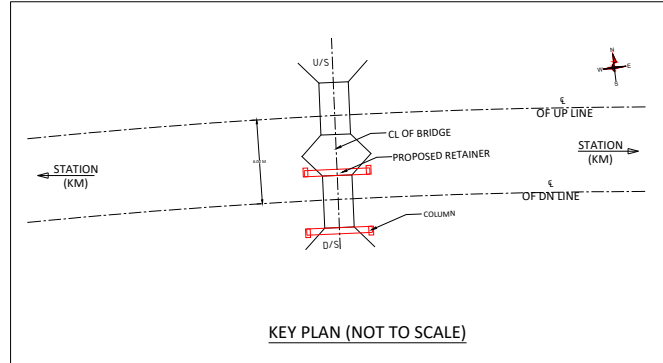
1. DISMANTLE PART OF BOTH ABUTMENT TOP BY APPROX. 555mm(LENGTH) x 625mm(WIDTH)x 560mm(DEPTH) AS SHOWN IN THE DRAWING WITH DIAMOND CUTTER.
2. ENSURE SIDE SUPPORT OF RETAINER MINIMUM OF 300mm BEFORE START DISMANTLING OF ABUTMENT.

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

1. LIFT THE RETAINER WITH CRANE OF SUITABLE CAPACITY.
2. PLACE THE RETAINER SHOWN IN THE DRAWING.
3. RECOUP SHOULD BALLAST.
4. REMOVE SPEED RESTRICTION.

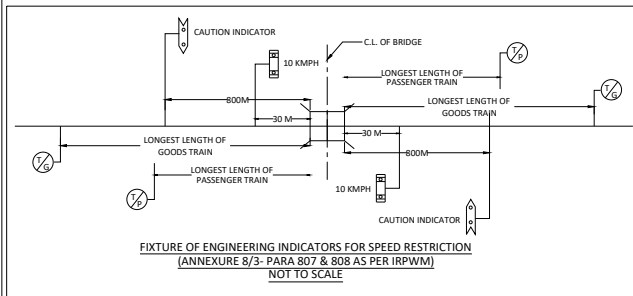
NOTES :-

1. ALL DIMENSIONS ARE IN MM EXCEPT OTHERWISE STATED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED. NO DIMENSIONS SHOULD BE SCALED.
2. PROPOSED WORK SHOWN IN **RED**.
3. DISMANTLING WORK SHOWN IN **GREEN**.
4. PROPOSED WORK WILL BE CARRIED OUT UNDER THE SUPERVISION OF RLY OFFICIAL (SITE ENGINEER).
5. SPECIFICATION OF MATERIALS:-
A) CEMENT TO BE CONFORM TO IRS CON. BR. CODE OF C. I. 4.1.
B) ALL REINFORCEMENT STEEL SHALL BE OF HIGH YIELD STRENGTH DEFORMED (HYSD)/TMT BARS, Fe/500 & HIGHER GRADE REINFORCEMENT CONFORM TO IS:1786-2008.
6. OHE MAST WILL BE SHIFTED BEFORE EXECUTION OF WORK IF SO REQUIRED.
7. THIS DRAWING IS PREPARED BASED ON SSE/W/FLK SITE DATA.
8. FOR RETAINER BLOCK REFER RDSO'S DRG. NO. B-10274



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

LOADING STANDARD - 25T OF 2008



| BRIDGE DATA | | | | | | |
|-------------|-------------|-------------------------|---------|----------|------------|-----------------|
| BR. NO. | KM | BTN. STNS (STN A-STN B) | SPAN | TYPE | RAIL LEVEL | FORMATION LEVEL |
| 154 (UP) | 146/3-4 | NOQ-SMTA | 2X6.10M | PSC SLAB | 48.81 | 48.29 |
| 171 (DN) | 155/9-156/0 | SMTA-KAMG | 2X6.10M | PSC SLAB | 47.89 | 47.35 |
| 214 (DN) | 184/4-5 | SRPB-GOGH | 2X6.10M | PSC SLAB | 48.40 | 47.85 |
| 226 (DN) | 188/8-9 | SRPB-GOGH | 2X6.10M | PSC SLAB | 48.68 | 48.16 |

| Signature block | |
|-----------------|---|
| CBE | |
| HQ-BD-CHCE | |
| HQ-BD-ASXN-1 | TAMAL NEOGI Digitally signed by TAMAL NEOGI Date: 2025.05.19 16:03:51 +05'30' |
| HQ-BD-SSE-DRG-7 | HIMA RANI BEZBARJUAH Digitally signed by HIMA RANI BEZBARJUAH Date: 2025.05.17 11:12:01 +05'30' |
| APDJ-DRM | DEVENDRA SINGH Digitally signed by DEVENDRA SINGH Date: 2025.05.17 16:30:00 +05'30' |
| APDJ-SRDEN-C | GAMDI LAKSHMINARAYANA Digitally signed by GAMDI LAKSHMINARAYANA Date: 2025.05.17 16:30:00 +05'30' |
| APDJ-SRDEN-1 | MAHIPAL Digitally signed by MAHIPAL Date: 2025.05.19 16:07:24 +05'30' |
| APDJ-SSE-DRG-2 | BISWAJIT GHOSH Digitally signed by BISWAJIT GHOSH Date: 2025.05.17 15:35:26 +05'30' |
| APDJ-JE-DRG-2 | ANUPAM PAUL Digitally signed by ANUPAM PAUL Date: 2025.05.17 15:35:26 +05'30' |

**N.F.RAILWAY
ALIPURDUAR DIVISION**

**INSERTION OF PROPOSED BALLAST RETAINER ON
EITHER SIDE FOR MINOR BRIDGE NO. - 154 UP,
171 DN, 214 DN, 226 DN, SPAN-2X6.10m**

GENERAL ARRANGEMENT DRAWING

SCALE :- NOT TO SCALE

DRG.No. - APDJ/B/12/2026

DRG.No. - B/120/2026