

30/12/2024 ✓

2024

# Integrated Site Specific Wildlife Management Plan

Chakla Coal Mine with Rail & Road Corridor (Hindalco  
Industries Limited)



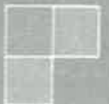
*Submitted by:-*

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#### 4.7 Safety Officer for wildlife

A safety officer will be deputed to monitor any movement of wildlife in the project area. All care will be taken not to disturb the wildlife, and any casualties to wildlife will be immediately reported to the concerned Forest Department.

#### 4.8 NODAL Officer for wildlife

During the project period, as and when required, the user agency will provide all logistical and related support to the concerned DFO in the project impact area without any delay for rescue/translocation/treatment of wild animals.

The User agency will appoint one senior officer/personal as a NODAL officer, especially for wildlife rescue/translocation/treatment of wild animals. The personnel will have the authority to sanction approximately 20 lakhs to any expenditure for such activity without delay.

#### 4.9 Preparation of Wildlife Management Plan

As per guidelines for the preparation of SSWCP/SSWMP (PCCF & CWLW, Letter No.302; dated 26.03.2015), after completion of this IWLMP of 10 years, a new conservation/management plan will be prepared in continuation to this plan and submitted not less than 1 year before expiry of this plan. The current plan will be evaluated, and the project authority will submit a new WLMP for the next 10 years.

Apart from all the conditions imposed/recommended by MoEF&CC, the condition imposed, while granting Environmental clearance should also apply. The recommendations in EC clearance also have direct or indirect conservation value.

#### 4.10. Special Mitigation Measures for Rail Track & Road Project taken by HIL:

1. Tree plantation beside the rail track shall be done.
2. Drains of appropriate size will be constructed along with the roadside which will be regularly cleaned before the onset of monsoon every year.
3. HIL will install solar lights along the road used for transportation of coal to avoid any accidents at night and will regularly maintain the same.
4. Effective control measures for prevention of dust generation and subsequent suppression like regular water sprinkling through truck mounted water sprinkling shall be carried out regularly.

#### 5. Proposed Passes (Underpass/Overpasses)

The proposed rail and road from Coal Block to Biratoli Station is 1.7 km. This proposed line divides the project impact area, on one side from exiting railway track (Tori-Shivpur main line) and the other side is coal block causing habitat fragmentation. It is essential to have passes in line with rail and road. Therefore, HIL has proposed 7 passes on proposed rail track and 2 on proposed road. The details are given in (Table 4.1; 4.2 & Fig.4.1 & 4.2)

The proposed pass no. 5 on rail track (Table 4.1 & Fig.4.1 & 4.2) is proposed as elephant pass having dimension of width (W)- 27.6 m, height (H)- 6 m and Length (L)- 42.593.



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**Table: 4.1 Proposed Passes for Rail Track (Culvert, Bridges etc.)**

Sl. No	Type of structure	Types of passes	Location Chainage from Centre of Station Building, Biratoli (mtr.)	Dimension			Remark
				Width (mtr.)	Height (mtr.)	Length (mtr.)	
1	Box Culvert	Underpass	1197.776	3	2.5	8.736	
2	Box Culvert	Underpass	1820	1.2	1.2	14	
3	Box Culvert	Underpass	1920	1.2	1.2	23	
4	RUB (Road under bridge)	Underpass	2199.977	5	5	13.85	
5	Box Culvert	Underpass	2461.019	27.6	6	42.593	<b>Proposed Wildlife Pass particularly for Elephant movement: Twin box culvert has been introduced which consist of 04 Nos. of boxes culvert having size of opening 6 mtr. Width, 6 mtr. height and barrel length of 42.593 mtr. each.</b>
6	Box Culvert	Underpass	2660	1.2	1.2	24	
7	Bow string Girder – ROB (Road Over bridge)	-	3084.301	7.5	8.578	76	

**Note:** HIL has proposed total 7 passes on proposed rail track which included 01 nos. of Wildlife pass as mentioned in Sr. No. 5, particularly for movement of Elephant.

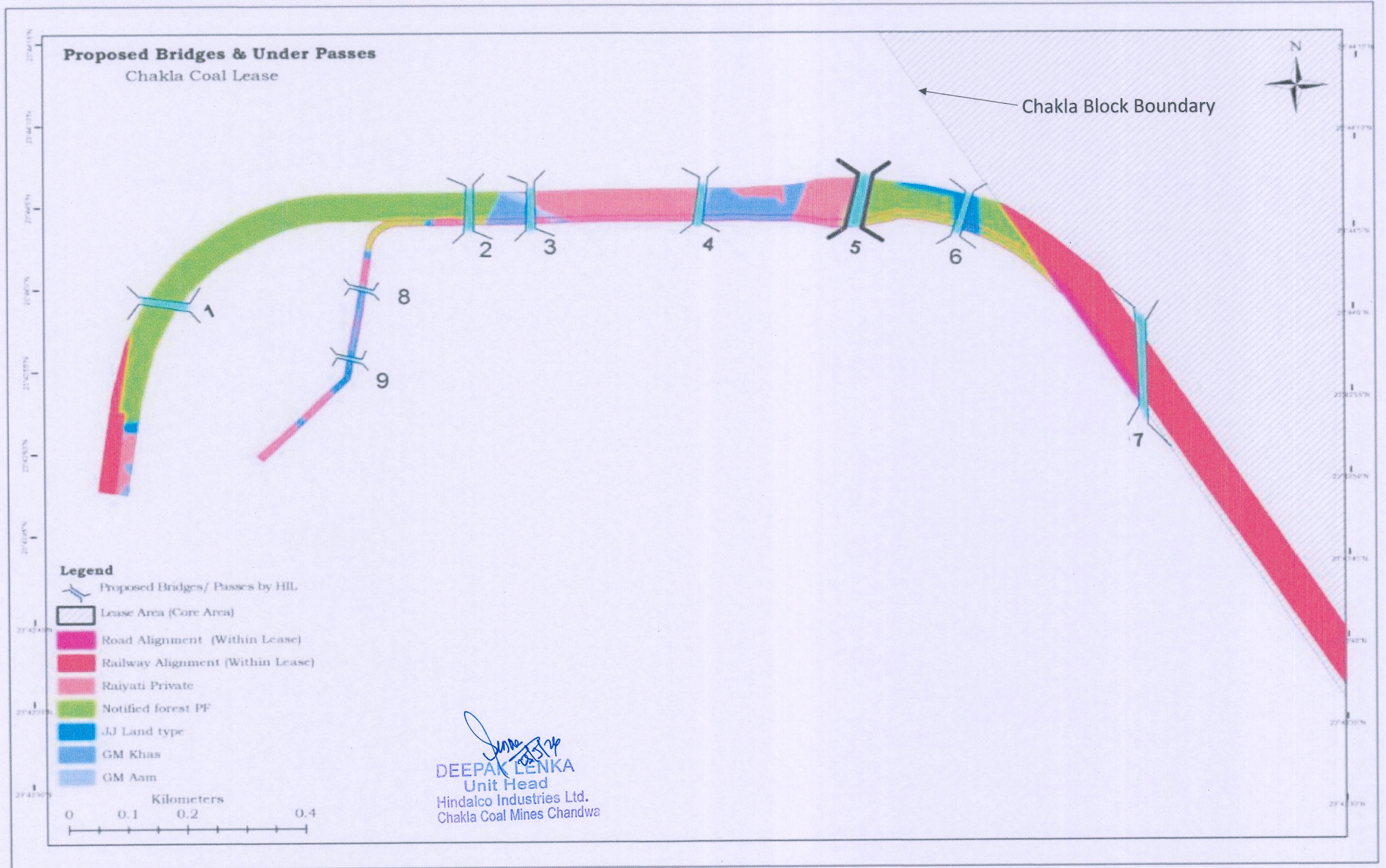
**Table: 4.2 Proposed Passes for road (Culvert, Bridges etc.)**

No	Type of structure	Types of passes	Location Chainage (mtr.)	Dimension in meter		
				Width	Height	Length
8	Box Culvert	Underpass	235.00	2.5	1.5	10
9	Box Culvert	Underpass	365.00	2.5	1.5	10

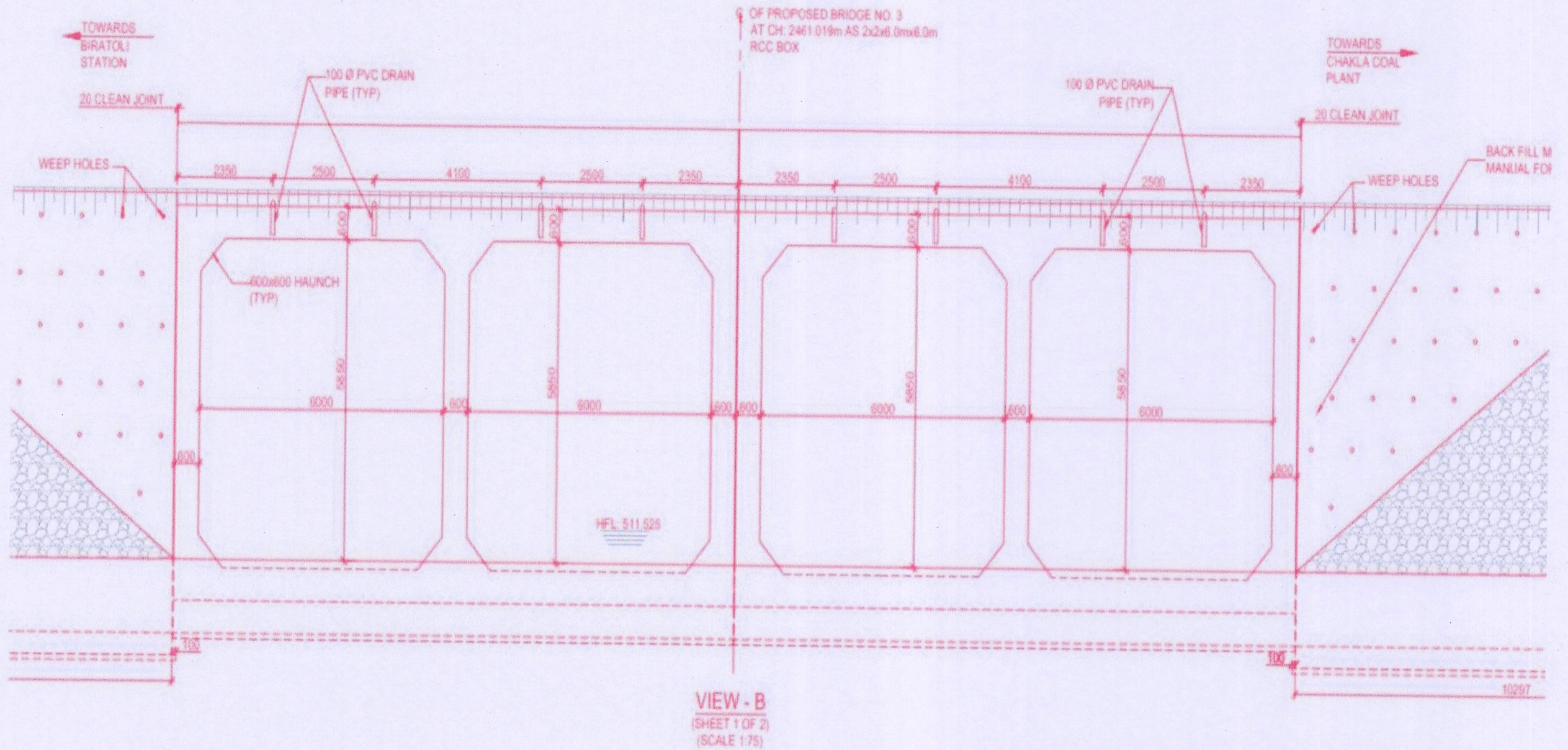


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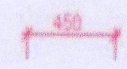
## Proposed Passes for Rail Track & Road (Culvert, Bridges etc.)



# Proposed Elephant Pass for Rail Track



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