

FULL TITLE OF PROJECT:-

CONSTRUCTION/IMPROVEMENT OF ROAD DAYALCHAK -RAMKOT (CHALLAN) FROM CL-09 TO NHDL SPECIFICATION FROM KM 8.00 TO KM 26.421 IN J&K (UT)

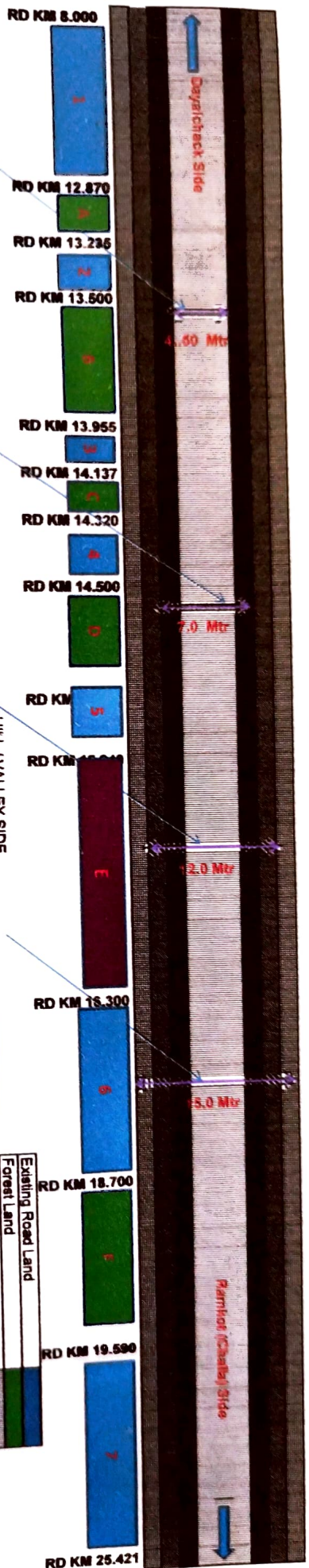
FILE NO.:

DATE OF PROPOSAL:-

08 Dec 2021

## LAYOUT PLAN OF THE ROAD

HILL / VALLEY SIDE



Existing carriage way width  
4.50 Mtr (3.75 Mtr BT +  
0.375 Mtr Paved Shoulder  
Both Side)

Proposed carriage way width  
7.00 Mtr

Proposed Paved Shoulder: 2.50 Mtr  
both side (7.00 Mtr BT + 2.50  
Mtr Paved shoulder both side =  
12.00 Mtr)

1.50 Mtr both side proposed for drain &  
Protection work (7.00 Mtr BT + 2.50 Mtr  
Paved shoulder both side + 1.50 Mtr both  
side for protection & drain work = 15.00  
Mtr)

### AREA CALCULATION ( BRO LAND)

|  |                           |
|--|---------------------------|
| Area for construction of road (BRO area -1 = 4870 x 45.73 Mtr) | 222705.1 Sqm              |
| Area for construction of road (BRO area -2 = 265 x 45.73 Mtr)  | 12118.45 Sqm              |
| Area for construction of road (BRO area -3 = 182 x 45.73 Mtr)  | 8322.86 Sqm               |
| Area for construction of road (BRO area -4 = 180 x 45.73 Mtr)  | 8231.4 Sqm                |
| Area for construction of road (BRO area -5 = 410 x 45.73 Mtr)  | 18749.3 Sqm               |
| Area for construction of road (BRO area -6 = 1000 x 45.73 Mtr) | 24000 Sqm                 |
| Area for construction of road (BRO area -6 = 1400 x 45.73 Mtr) | 64022 Sqm                 |
| Area for construction of road (BRO area -7 = 5831 x 45.73 Mtr) | 266651.63 Sqm             |
| <b>Total</b>   | <b>624800.74 Sqm</b>      |
|  | <b>62.480074 Hactares</b> |

### AREA CALCULATION ( FOREST LAND)

|  |                       |
|--|-----------------------|
| Area for construction of road (Forest area -A = 365 x 41.23 Mtr) | 15049.0 Sqm           |
| Area for construction of road (Forest area -B = 455 x 41.23 Mtr) | 18759.69 Sqm          |
| Area for construction of road (Forest area -C = 183 x 41.23 Mtr) | 7545.06 Sqm           |
| Area for construction of road (Forest area -D = 330 x 41.23 Mtr) | 13606.9 Sqm           |
| Area for construction of road (Forest area -E = 360 x 41.23 Mtr) | 14842.8 Sqm           |
| Area for construction of road (Forest area -E = 700 x 19.50 Mtr) | 13660.00 Sqm          |
| Area for construction of road (Forest area -F = 890 x 41.23 Mtr) | 36694.7 Sqm           |
| <b>Total</b>   | <b>120147.1 Sqm</b>   |
|  | <b>12.01 Hactares</b> |

**Note :-** 1. Total land required as RoW 150 Ft (45.73 Mtr) width but 4.50 Mtr width is already used for existing road. So proposed forest land required in 41.23 Mtr Width (45.73-4.50= 41.23 Mtr).  
2. All Excavated material used for road formation filling & dumping in BRO Land.

EE (CIV)  
Officer Commanding  
69 RCC (GREF)