

परियोजना विवरण :- जनपद नैनीताल के ब्लॉक ओखलकांडा में कटना से वारी मोटर मार्ग का निर्माण। (लम्बाई 1.850 किमी०)

Performa for comparison between identified alignments

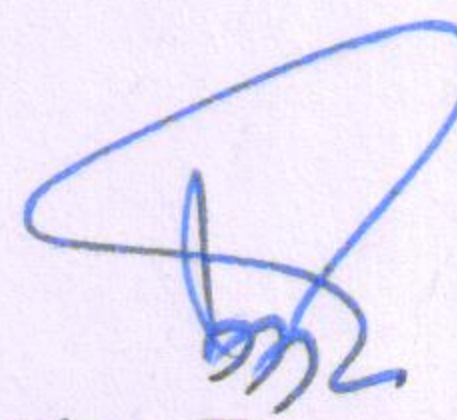
Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	Hilly	Hilly
2	Length of Road	1.850 km	10.4 km
3	Bridging requirement No. and Length	As per design	As per design
	Geometric		
	(a) Gradients	1:40. 1:24 1:20	1:17. 1:20 1:24
	(b) Curves, H.P Bends	2	3
5	Existing Means of communication, mule path, jeep, Tracks	Mule Path	Mule Path
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	Mountaneous Terrain & Semihard Soil	Mountaneous Terrain & Semihard Soil
7	(a) Terrain & Soil Condition.		
	(vi) Cliffs and gorges.(vii) Drainage characteristics of the area including supceptibility to flooding .(viii) General elevation of the road indicating maximum and minimum	Maximum Elevation 1500 Mtr	Maximum Elevation 1500 Mtr
8	Climate Condition:(a) Temperature Monthly max. & min. reading.(b) Rainfall data average annual peak intensities monthly distribution (to the extent available) .(c) Snowfall data average annual peak intensities monthly distribution (to the extent available) .(d) Wind direction and	Aveage Rainfall 150cm Snowfall at Road Exposure to sum	Aveage Rainfall 150cm Snowfall at Road Exposure to sum
9	Facilities resources.	nil	
	(a) Landing ground.	nil	
	(b) Dropping Zone.	2	3
	(c) Food stuffs.		
	(d) Labour local availability and need for import.	Labour locally available	Labour locally available
	(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Stone for Construction locally available sand shall procured from approved quarry	Stone for Construction locally available sand shall procured from approved quarry
10	Value of land, agricultural land, Irrigated land, bult up land, forest land etc,	6.00lac	9.00 lac
11	Approximate Const. Cost.	180.00 lac	210.00lac
12	Access point indicating possibility of induction of equipment.	katana	katana
13	Period required for construction.	one year	one year
14	Strategic Consideration.		
15	Important villages, towns and markets centers to be connected.	katana ,Vari	katana, Vari
16	Recreational potential.	365	365
17	Economic Factors:		
	(a) Population served by the alignment.	365	365
	(b) Agricultures and economic potential of the area.	Transportation of cash crops by mech. Means will enhance economical Condition of people	Transportation of cash crops by mech. Means will enhance economical Condition of people
18	other major development projects being taken up electric projects etc.	no	no
19	(i) Misc. Such as camping sites		
	(ii) Law and other problem	no	no
	(iii) Royalty-royalty is paid to the revenue deptt.	Royalty is paid to the revenue deptt.	Royalty is paid to the revenue deptt.



	(iv) Availability of contractors for collection and carriage of construction material -avialavle	yes	yes
	(v) working period available for construction of work.	10 month in a year	10 month in a year
20	Total No. of trees to be removed .	401	509
21	Average Density of forest cover .	0.4	0.4
22	Total No. of Merits	16	11
23	Total No. of Demerits	.5	10
RECOMMENDATIONS:			
Alignment no. ( 1 ) Recommended for approval being more economical, useful & technically feasible.			
	A. Assistant. Engineer/J.E.	Assistant Engineer	Executive Engineer
Note - Signature and approval of the concerned DFO is essential.			





  
**Executive Engineer**  
**Temp. Division, P.W.D.**  
**BHOWALI (Nainital)**