

परियोजना विवरण :- जनपद नैनीताल के विधान सभा क्षेत्र भीमताल के अन्तर्गत शहीद इन्द्र सिंह बर्गली मार्ग से खनस्यू तक मोटर मार्ग का निर्माण। (लम्बाई 5.200 किमी) माननीय मुख्यमंत्री की योजना सं. 329/2018)

प्रारूप-13

Performance for comparison between identified alignments

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography		
2	Length of Road	Hilly	Hilly
3	Bridging requirement No. and Length	5.20km	5.350km
	Geometric	As per Desigd	
	(a) Gradients		
	(b) Curves, H.P Bends	1:40, 1:24 1:20	1:17, 1:20 1:24
5	Existing Means of communication, mule path, jeep, Tracks		6
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	Mule Path	Mule Path
7	(a) Terrain & Soil Condition.	Mountaneous Terrain & Semihard Soil	Mountaneous Terrain & Semihard Soil
	(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 velocities.(e) Fog Condition.(f) Exposure to sun.(g) Unusual weather condition like cloud brust etc.	Aveage Rainfall 150cm Snowfall at Road Exposure to sum	Aveage Rainfall 150cm Snowfall at Road Exposure to sum
9	Facilities resources.		
	(a) Landing ground.	To be acqired village and forest	To be acqired village and forest
	(b) Dropping Zone.	Nil	Nil
	(c) Food stuffs.	Available	Available
	(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, built up land, forest land etc,	70.00 lac	69.68 lac
11	Approximate Const. Cost.	269.36lac	277.13 lac
12	Access point indicating possibility of induction of equipment.		
13	Period required for construction.	one year	one year
14	Strategic Consideration.		
15	Important villages, towns and markets centers to be connected.	khansu- tanda	khansu- tanda
16	Recreational potential.	365	365
17	Economic Factors:	yes	yes
	(a) Population served by the alignment.		
	(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	yes	
	(ii) Law and other problem	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	avialavle	avialavle
	(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 .	536	750
21	Average Density of forest cover .		

22	Total No. of Merits	Merits of this alignment this alignment pass through forest land van panchayat and nap land 6 hp band falls in this alignment villagers arw agreeing with this alignment	Merits of this alignment this alignment pass through forest land van panchayat and nap land 6 hp band falls in this alignment villagers arw agreeing with this alignment
23	Total No. of Demerits	Demerits of this alignment this alignment pass through forest land van panchayat and nap land 8 h.p band falls sliding zone in this alignment arw vot agreeing with this alignment	Demerits of this alignment this alignment pass through forest land van panchayat and nap land 8 h.p band falls sliding zone in this alignment arw vot agreeing with this alignment
RECOMMENDATIONS:			
Alignment no. ( 1 ) Recommended for approval being more economical, useful & technically feasible.			
A. Assistant. Engineer/J.E.		Assistant Engineer	Executive Engineer
[Signature]		[Signature]	[Signature]
		सहायक जल विभाग	
		आस्थाई मजदूर, लोड नो वि०	
Note - Signature and approval of the concerned DFO is essential.			