

परियोजना का नाम :- जनपद देहरादून के विधान सभा क्षेत्र विकासनगर के अन्तर्गत क्यारी कचटा मार्ग से  
मैहसासा तक मार्ग निर्माण हेतु वन भूमि का हस्तान्तरण प्रस्ताव

**Performa for comparison between identified alignments**

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	Proposed Road Starts From Km Kyari-Kachta to Mahsasa Motor Road.	Proposed Road Starts From Kyari-Kachta to Mahsasa Motor Road.
2	Length of Road	1.500 Km.	2.000 km.
3	Bridging requirement No. and Length	E&B, MR, HR	E&B, IIR, VHR/VHS
4	Geometric		
	(a) Gradients	+1:20, +1:40, +1:20, Level.	1:18, Level, +1:17, +1:20, +1:30, +1:18, Level
	(b) Curves, H.P Bends	All curves as per IRC, 2 H.P Bends.	All curves as per IRC, 3 H.P Bends.
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule path and foot track	Mule path and foot track
6	Right of way bringing out construction Approximate area and value	7.00 mtr	7.00 mtr
7	(a) Terrain & Soil Condition.	Hilly Terrain	Hilly Terrain
	(vi) Cliffs and gorges.	NIL	NIL
	(vii) Drainage characteristics of the area including susceptibility to flooding .	Good natural drainage, hence susceptibility to damage in minimum.	Good natural drainage, hence susceptibility to damage in minimum.
	(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends.	NIL	NIL
	(ix) Variations extants and types.	NIL	NIL
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	Max 35 C, Min 18 C  1143 mm.  Nil	Max 35 C, Min 18 C  1486 mm.  Nil

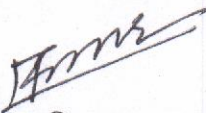
	<p>distribution (to the extent available) .</p> <p>(d) Wind direction and velocities.s</p> <p>(e) Fog Condition.</p> <p>(f) Exposure to sun.</p> <p>(g) Unusual weather condition like cloud burst etc.</p>	<p>From West and South with moderate velocity</p> <p>Fog in winters</p> <p>Well expose to sun</p>	<p>From West and South with moderate velocity</p> <p>Fog in winters</p> <p>Well expose to sun</p>
9.	<p>Facilities resources.</p> <p>(a) Landing ground.</p> <p>(b) Dropping Zone.</p> <p>(c) Food stuffs.</p> <p>(d) Labour local availability and need for import.</p> <p>(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.</p>	<p>Nil</p> <p>Nil</p> <p>Dehradun</p> <p>50% Labors Available Locally and rest From Nepal</p> <p>Stone Mostly (Available With In 50-70 Kms)</p>	<p>Nil</p> <p>Nil</p> <p>Dehradun</p> <p>50% Labors Available Locally and rest From Nepal</p> <p>Stone Mostly (Available With In 50-70 Kms)</p>
10.	Value of land, agricultural land, Irrigated land, built up land, forest land etc.		
11.	Approximate Const. Cost.	308.40 Lack	360.00 Lack
12.	Access point indicating possibility of induction of equipment.	Dehradun	Dehradun
13.	Period required for construction.	12 month (working season)	12 month (working season)
14.	Strategic Consideration.		
15.	Important villages, towns and markets centers to be connected.	Kalsi	Kalsi
16.	Recreational potential.	Will Increase	Will Increase
17.	<p>Economic Factors:</p> <p>(a) Population served by the alignment.</p> <p>(b) Agriculture and economic potential of the area.</p>	<p>Approximate</p> <p>Good</p>	<p>Approximate</p> <p>Good</p>
18.	other major development projects being taken up electric projects etc.	Will Increase	Will Increase
19.	<p>(i) Misc. Such as camping sites</p> <p>(ii) Law and other problem</p> <p>(iii) Royalty</p>		
	(iv) Availability of contractors for collection and carriage of	YES	YES

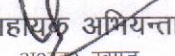


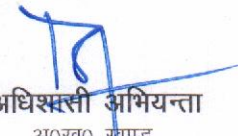
	construction material (v) Working period available for construction of work.	12 month (working season)	12 month (working season)
20.	Total No. of trees to be removed.	26	41
21.	Average Density of forest cover.	0.2 %	0.2 %
22.	Total No. of Merits	1. No any Irrigated Cultivated land involved. 2. Aligement Accepted by Villagers & their elected representative. 3.Length of road is in shotter side	1. No any Irrigated Cultivated land involved.
23.	Total No. of Demerits	1. One Bridge Required. 2. Trees are coming in the Aligement.	1. The span of Minor bridge is in higher Side. 2. Aligement Didn't Accepted by Villagers & their elected representative. 3. Incresing of Civil land Nap Land length also Total length. 4. One more HP Bend provided

#### RECOMMENDATIONS:

Alignment no. ( 1 ) Recommended for approval being more economical, useful & technically feasible.

  
कनिष्ट अभियन्ता  
अ०ख० खण्ड,  
लो०नि०वि०,सहिया

  
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