

परियोजना का नाम :-	मा0 मुख्यमन्त्री घोषणा संख्या-6406/111 के अन्तर्गत जनपद देहरादून के विधान सभा क्षेत्र चकराता के विकासखण्ड कालसी के ग्राम प्लान से ग्राम बिहार तक मोटर मार्ग का वन भूमि हस्तान्तरण प्रस्ताव। कि०मी० 1 से 5.275 तक।
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**Performa for comparison between identified alignments**

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	This road starts from K.M.16 Of Vikasnagar - Badkot (N.H-123) Motor road.	This road starts from K.M.16 Of Vikasnagar - Badkot (N.H-123) Motor road.
2	Length of Road	5.275 Km.	5.500 km.
3	Bridging requirement No. and Length	E&B, MR, HR	E&B, HR, VHR/VHS
4	Geometric		
	(a) Gradients	1:24, + 1:40, + 1:20	1:18, 1:17, -1:40, -1:18.
	(b) Curves, H.P Bends	All curves as per IRC, 8 H.P Bends.	This road starts from 13 Of Thalim Link Motor roads.
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.	Max 35 C, Min 18 C	Max 35 C, Min 18 C
	(b) Rainfall data average annual peak intensities monthly distribution (to the extent available)	1143 mm.	1486 mm.
	(c) Snowfall data average annual peak intensities monthly distribution (to the extent available) .	Nil	Nil
	(d) Wind direction and velocities.s	From West and South with moderate velocity	From West and South with moderate velocity
	(e) Fog Condition.	Fog in winters	Fog in winters


	(f) Exposure to sun.  (g) Unusual weather condition like cloud burst etc.	Well expose to sun	Well expose to sun
9.	Facilities resources.  (a) Landing ground.  (b) Dropping Zone.  (c) Food stuffs.  (d) Labour local availability and need for import.  (e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Nil  Nil  Kalsi  50% Labors Available Locally and rest From Nepal  Stone Mostly (Available With In 50-70 Kms)	Nil  Nil  Kalsi  50% Labors Available Locally and rest From Nepal  Stone Mostly (Available With In 50-70 Kms)
10.	Value of land, agricultural land, Irrigated land, built up land, forest land etc.		
11.	Approximate Const. Cost.	211 Lack	220.00 Lack
12.	Access point indicating possibility of induction of equipment.	Vikasnagar	Vikasnagar
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.	Vikasnagar	Vikasnagar
16.	Recreational potential.	Will Increase	Will Increase
17.	Economic Factors:  (a) Population served by the alignment.  (b) Agriculture and economic potential of the area.	Approximate  Good	Approximate  Good
18.	other major development projects being taken up electric projects etc.	Will Increase	Will Increase
19.	(i) Misc. Such as camping sites  (ii) Law and other problem  (iii) Royalty		
	(iv) Availability of contractors for collection and carriage of construction material  (v) Working period available for construction of work.	YES  12 month (working season)	YES  12 month (working season)
20.	Total No. of trees to be removed.		
21.	Average Density of forest cover.		
22.	Total No. of Merits	1. No any Irrigated Cultivated land involved. 2. Alignment Accepted by Villagers	1. No any Irrigated Cultivated land involved

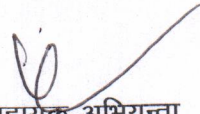


		& their elected representative. 3. Length of road is in shorter side.	
23.	Total No. of Demerits	1. Some Trees are coming in the alignment.	1. Alignment Didn't Accepted by Villagers & their elected representative. 3. Increasing of the length of road And Also increasing Cultivated land. 4. Seven more HP Bend provided.

#### RECOMMENDATIONS:

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

  
कनिष्ठ अभियन्ता  
अ० खण्ड,  
लो०नि०वि०, सहिया

  
सहायक अभियन्ता  
अ० खण्ड,  
लो०नि०वि०, सहिया

  
अधिसासी अभियन्ता  
अ० खण्ड,  
लो०नि०वि०, सहिया