

परियोजना का नाम :- मा0 मुख्यमंत्री घोषणा संख्या-786/2012 के अन्तर्गत जनपद देहरादून के विधान सभा क्षेत्र चकराता के विकासखण्ड कालसी में ग्राम लखस्यार (समरजेंस रोड़) से मुवानी छानी लुधेरा मोटर मार्ग का समरेखण प्रस्ताव कि०मी० 1 से 4.900 कि०मी० तक।

**Performa for comparison between identified alignments**

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	This road start from K.M.12 Of Muwani Chhani Ludra Motor road.	This road start from K.M.12 Of Muwani Chhani Ludra Motor road.
2	Length of Road	4.900 Km.	5.900 km.
3	Bridging requirement No. and Length	E&B, MR, HR	E&B, HR, VHR/VHS
4	Geometric		
	(a) Gradients	1:24, level,-1:24,-1:20, -1:22,-1:24.	- 1:18,-1:17,-1:40,-1:20, Level, -1:17,-1:18.
	(b) Curves, H.P Bends	All curves as per IRC, 0 H.P Bends.	All curves as per IRC, 6 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 supceptibility 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

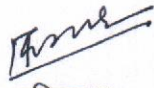
	(f) Exposure to sun. (g) Unusual weather condition like cloud burst etc.	Well expose to sun	Well expose to sun
9.	Facilities resources. (a) Landing ground. (b) Dropping Zone. (c) Food stuffs. (d) Labour local availability and need for import. (e) Construction material (Timber, Bamboo, Sand, Stone, Shingle 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.	245.00 Lack	290.00 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.	230	280
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

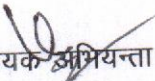


		& their elected representative. 3. Length of road is in shorter side.	
23.	Total No. of Demerits	1. Some Trees are coming in the alignment.	1. Alignment Didn't Accepted by Villagers & their elected representative. 3. Increasing of the length of road And Also increasing Cultivated land. 4. Six more HP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

#### RECOMMENDATIONS:

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

  
कनिष्ठा अभियन्ता  
अ०ख० खण्ड,  
लो०नि०वि०, सहिया

  
सहायक अभियन्ता  
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अधिशोसी अभियन्ता  
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