

Performa for comparison between identified alignment


Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	This road will start from Saraswati Mandir Dhongadhara Motor Road from 1.00 km. This area is situated in Block Hawalbagh and Distt. Almora.	This road will start from Saraswati Mandir Dhongadhara Motor Road from 1.00 km. This area is situated in Block Hawalbagh and Distt. Almora.
2	Length of Road	0.600 km	0.700 km
3	Bridging requirement No. and Length	Nil	Nil
4	Geometric		
	(a) Gradients	1:24R, 1:60R	1:24R, 1:60R
	(b) Curves, H.P Bends	Convex & Concave , Spiral curve shall be used for transition H.P. bend- 3 No.	Convex & Concave , Spiral curve shall be used for transition H.P. bend- 4 No.
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule path/Foot track	Mule path/Foot track
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	-	-
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 height negotiated by main ascends and discends.(ix) Variations extants and types.	Good drainage Max. RL. 1519.97 M Min . RL. 1500.00 M 1 Ascent Nil Bushes plants and some trees etc. Exact no and type as per forest deptt.	Good drainage Max. RL. 1524.13 M Min . RL. 15000.00 M 1 Ascent Nil Bushes plants and some trees etc. Exact no and type as per forest deptt.
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.	Min. 8 ⁰ (Apprx.) Min 35 ⁰ (Apprx.) 1000 mm Few times in Winters in short area General Type Nil 95% of the length Very Less	Min. 8 ⁰ (Apprx.) Min 35 ⁰ (Apprx.) 1000 mm Few times in Winters in short area General Type Nil 95% of the length Very Less
9	Facilities resources.	-	-

	(a) Landing ground.	-	-
	(b) Dropping Zone.		
	(c) Food stuffs.	Foodstuffs are there	Foodstuffs are there
	(d) Labour local availability and need for import.	Local & Nepali Labour will be needed	Local & Nepali Labour will be needed
	(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Stone within 4 Km Far Available, sand and shingles quarry in Haldwani	Stone within 4 Km Far Available, sand and shingles quarry in Haldwani
10	Value of land, agricultural land, Irrigated land, bult up land, forest land etc,	As per Circle Rate. As per Revenue and forest Deptt	As per Circle Rate. As per Revenue and forest Deptt
11	Approximate Const. Cost.	46.00 Lacs	46.00 Lacs
12	Access point indicating possibility of induction of equipment.	-	-
13	Period required for construction.	After transfer of land - 1 Year	After transfer of land - 1 Year
14	Strategic Consideration.	Good	Good
15	Important villages, towns and markets centers to be connected.	Dhongadhara & Darbarinagar	Dhongadhara & Darbarinagar
16	Recreational potential.	Possibilities are there	Possibilities are there
17	Economic Factors:		
	(a) Population served by the alignment.	1500	1500
	(b) Agricultures and economic potential of the area.	Agriculture Products will reach up to nearest market and farmers will get good price. Employment will generate.	Agriculture Products will reach up to nearest market and farmers will get good price. Employment will generate.
18	other major development projects being taken up electric projects etc.	-	-
19	(i) Misc. Such as camping sites	Condition are Favourable	Condition are Favourable
	(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.	Working period available whole year except rainy season	Working period available whole year except rainy season
20	Total No. of trees to be removed .	45	104
21	Average Density of forest cover .	.4	.4
22	Total No. of Merits	this Alignment connects a urban area. It connect various population in between L.R. Shah motor road and saraswati mandir dhungadhara motor road.	this Alignment connects a urban area. It connect various population in between L.R. Shah motor road and saraswati mandir dhungadhara motor road.
23	Total No. of Demerits	Nil	Nil

RECOMMENDATIONS:


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



सहायक अभियन्ता,
प्रांतीय खण्ड, लो. नि. वि.
अल्मोड़ा.


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Note - Signature and approval of the concerned DFO is essential.


हृदय वन प्रभाग,
अल्मोड़ा वन प्रभाग


हृदय प्रभागीय वन विकास
अल्मोड़ा वन प्रभाग अल्मोड़ा


प्रभागीय वन अधिकारी,
अल्मोड़ा वन प्रभाग, अल्मोड़ा