

परियोजना का नाम- जनपद अल्मोडा में विधानसभा क्षेत्र सोमेश्वर के अर्न्तगत खूंट काकड़ीघाट मोटर मार्ग से ठाठ ग्राम तक लिंक मोटर मार्ग का निर्माण। लम्बाई 4.00 कि०मी०

संलग्नक सं०-2.4

Performa for comparison between identified alignment

S.No.	Description of Items	Alignment No.1	Alignment No.2
1	2	3	4
1	Detail of route vis-à-vis topography of the area.	This road will start from Khut-Kakrighat Motor Road Km 12 This area is situated in Block Hawalbagh and Distt. Almora.	This road will start from Khut-Kakrighat Motor Road Km 12 This area is situated in Block Hawalbagh and Distt. Almora.
2	Length of road	4.00 Km	4.00 Km
3	Bridging requirements- Number, Length	Nil	Nil
4	(a) Gradient in different stretches of the alignment.	1:40R, 1:40R, 1:17R& level	1:30R, 1:24R, 1:17R, 1:40R& level
	(b) Curves, Hair Pin, bends etc.	Convex & Concave, spiral curve shall be used for transition H.P. bend-12	Convex & Concave, spiral curve shall be used for transition H.P. bend- 10
5	Existing means of communication Mule path, Jeep Track, etc.	Mule path/foot track	Mule path/foot track
6	Right of way bringing out constraints on account of built -up area, monuments, and other structures.	-	-
7	Terrain & Soil conditions .		
	7.1. Geology of the area	As per attached Geologist report.	As per attached Geologist report.
	7.2. Nature of soil	O.S & O.R.,H.R	O.S & O.R.,H.R
	7.3. Road length passing through-	-	-
	(i) Mountainous terrain	100%	100%
	(ii) Steep terrain	Nil	Yes
	(iii) Rock stretches with indications of loose rock conditions.	Nil	Yes
	(iv) Area subject to avalanches And snowdrifts	Nil	Nil
	(v) Slip-prone areas	Nil	Nil
	7.4. Cliffs and Georges	Nil	Nil
	7.5. Drainage characteristics of the area including susceptibility to fooding	Good drainage	Good drainage

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	7.6. General elevation of the road indicating maximum and	Max. RL. 1355.55 M	Max. RL. 1271.36 M
	Minimum heights negotiated by main ascents and descent.	Min. RL. 1170.00 M	Min. RL. 1100.00 M
	7.7. Total numbers of ascent and	1 Aescent	1 Aescent
	descents	NILL	NILL
	7.8. Vegetation - extent and type	Bushes, plants and some trees etc. Exact no and type as per forest deptt.	Bushes, plants and some trees etc. Exact no and type as per forest deptt.
8	Climatic conditions		
	8.1. Temperature monthly	Max. 40 ⁰ (Apprx.)	Max. 40 ⁰ (Apprx.)
	maximum/minimum.	Min. 10 ⁰ (Apprx.)	Min. 10 ⁰ (Apprx.)
	8.2. Rainfall average, annual, peak intensity, monthly description to the extent possible.	1000 MM	1000 MM
	8.3. Snowfall data- average annual, peak intensities monthly distribution (to the extent available)	Few times in winters	Few times in winters
	8.4. Wind direction.	General type	General type
	8.5. Fog conditions.	Nil	Nil
	8.6. Exposure to sun.	95% of the length	70% of the length
	8.7. Unusual weather condition like cloudbursts etc.	OCCASSIONL	OCCASSIONL
9	Facility/Resources.	-	-
	9.1. Landing ground	-	-
	9.2. Dropping zone	-	-
	9.3. Foodstuffs.	Foodstuffs are there	Foodstuffs are there
	9.4. Labour local availability & need for import.	Local & Nepali. Labour will be needed	Local & Nepali. Labour will be needed
	9.5. Construction materials,	stone within 1-3Km Far available,sand and shingles quarry in haldwani	stone within 1-3Km Far available,sand and shingles quarry in haldwani
	timber bamboo, sand stone, shingle etc.		
	Availability and leads involved.		
10	Value of land.		
	10.1 Agriculture land, Irrigated land, 10.2 Built up land, Forestland etc.	As per Circle Rate. As per Revenue and forest Deptt	As per Circle Rate. As per Revenue and forest Deptt
11	Approximate construction cost	71.20 Lacs	71.20 Lacs

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12	Access points indicating possibility of induction of equipments	-	-
13	Period required for construction	After transfer of land -1 year	After transfer of land -1 year
14	Strategic considerations	Good	Good
15	Recreational potential	Possibilities are there	Possibilities are there
16	Important villages town and marketing centers to be connected	Doba, That	Doba, That
17	Economic Factors :		
	(a) Population served by the Alignment	298	298
	(b) Agriculture and economic potential of the area.	Agricultural Products will reach up to nearest market and farmers will get good price. Employment will generate	Agricultural Products will reach up to nearest market and farmers will get good price. Employment will generate
18	Other major developmental project being taken up in the area e.g. hydroelectric projects	-	-
19	Miscellaneous such as, camping sites, law and order problems, royalty charges, availability of contractors for collection and carriage of construction materials.	Condition are favourable,	Condition are favourable
20	Working period available for construction work etc.	Working period available whole year except rainy season	Working period available whole year except rainy season
20	Total No. of trees to be removed .	59	115
21	Average Density of forest cover .	0.4	0.4
21	Total No. of Merits	1-Transportation is easy to being standardngardiaent 2-12 hp bend	H.P. bend- 10 (06 HP band in Cultivated Nap land
22	Total No. of Demerits	nil	All villagers are not agree with thish alignment

RECOMMENDATIONS:

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


कनिष्ठ अभियन्ता
प्रान्तीय खण्ड, लो०नि०वि०,
अल्मोड़ा


सहायक अभियन्ता
प्रान्तीय खण्ड, लो०नि०वि०,
अल्मोड़ा


अधिशासी अभियन्ता
प्रान्तीय खण्ड, लो०नि०वि०,
अल्मोड़ा


वन क्षेत्राधिकारी
अल्मोड़ा वन प्रभाग, अल्मोड़ा


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