

ALIGNMENT REPORT

कार्य का नाम- जनपद अल्मोड़ा के विधानसभा क्षेत्र सोमेश्वर में द्वारसों-काकड़ीघाट मोटर मार्ग के किमी० 2.00 से प्रस्तावित नौगांव-पनौरा मोटर मार्ग के किमी० 0.500 से प्रस्तावित सुनियाकोट-कोटली मोटर मार्ग का नवनिर्माण कार्य।

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 Matela-Sitalakhet Motor Road (Km-11.00). This area is situated in Vadura village and Distt. Almora.	This road will start from Matela-Sitalakhet Motor Road (Km-11.00). This area is situated in Vadura village and Distt. Almora.
2	Length of road	4.00 Km	5.00 Km
3	Bridging requirements- Number, Length	Nil	Nil
4	(a) Gradient in different stretches of the alignment.	1:22R, 1:24R, 1:30R, 1:40R, 1:60R & Level	1:20R, 1:24R, 1:40R, 1:60R & Level
	(b) Curves, Hair Pin, bends etc.	Convex & Concave, spiral curve shall be used for transition H.P. bend- 02	Convex & Concave, spiral curve shall be used for transition H.P. bend- 07
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	E&B, O&R, H.S.V.H.S.	E&B, O&R, H.S.V.H.S.
	7.3. Road length passing through-		
	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 flooding	Good drainage	Good drainage
	7.6. General elevation of the road indicating maximum and	Max. RL. 1179.62 M	Max. RL. 1132.20 M
	Minimum heights negotiated by main ascents and descent.	Min. RL 1000 M	Min. RL. 1000.00 M

24A

(30)

7.7. Total numbers of ascent and descents	4 ascent 0 Decent	11 ascent 0 Decent
7.8. Vegetation - extent and type	Nil	Nil
8 Climatic conditions		
8.1. Temperature monthly maximum/minimum.	Max. 35° (Apprx.) Min. 10° (Apprx.)	Max. 35° (Apprx.) Min 10° (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 in short area.	Few times in winters in short area.
8.4. Wind direction.	General type	General type
8.5. Fog conditions.	During winter and rainy season	During winter and rainy season
8.6. Exposure to sun.	95% of the length	95% of the length
8.7. Unusual weather condition like mudbursts etc.	Very Less	Very Less
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, timber bamboo, sand stone, shingle etc. Availability and leads involved.	stone within 1-3 Km far available, sand and shingles quarry in Haldwani.	stone within 1-3 Km far available, sand and shingles quarry in Haldwani.
10 Value of land.		
10.1 Agriculture land, Irrigated land,	As per Circle Rate.	As per Circle Rate.
10.2 Built up land, Forestland etc.	Nil	Nil
11 Approximate construction cost	32.93 Lacs	32.93 Lacs
12 Access points indicating possibility of duction of equipments	-	-
13 Period required for construction	After transfer of land -1 year	After transfer of land -1½ 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	Garam pani, Haldwani , Nainital	Garam pani, Haldwani , Nainital
17 Economic Factors :		
(a) Population served by the Alignment	950	600
(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	-	-

2.4B

31

9	Miscellaneous such as, camping sites, law and order problems, royalty charges, availability of contractors for collection and carriage of construction materials.	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
21	Total No. of Merits	1- Transportaion is easy to being standard gardiaent. 2- 02 HP Bend.	07 HP Bend
22	Total No. of Demerits	Nil	All villagers are not agree with this alignment.

Junior Engineer

Assistant Engineer

Executive Engineer

प्रांतीय खण्ड, लो. नि. वि.

प्रांतीय खण्ड, लो. नि. वि.

Recommendation of Superintendent Engineer : The Road alignment No.1 is recommended.

राष्ट्रीय राजमार्ग (1) जो नन्दी में
जाल खाँ में चलाया गया है को
हार्डिंग द्वारा सड़क के सड़क के साइड
पर अनुमोदित किया जाता है।

Superintendent Engineer

अधीनस्थ अभियन्ता,
प्रथम वृत्त, नन्दी नदी विभाग
अन्तर्गत

Maha

प्रशासीक वनाधिकारी
अन्तर्गत वन प्रभाग अन्तर्गत

अधीनस्थ अभियन्ता
अन्तर्गत वन क्षेत्र अन्तर्गत

(लक्ष्मण सिंह नेगी)
अनुभाग अधिकारी
अन्तर्गत वन क्षेत्र - अन्तर्गत

अधीनस्थ अभियन्ता
अन्तर्गत वन प्रभाग अन्तर्गत