

ALIGNMENT REPORT

कार्य का नाम-



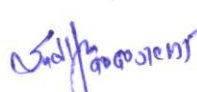
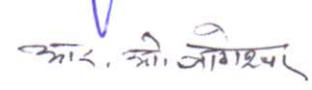
जनपद अल्मोड़ा के विधान सभा क्षेत्र जागेश्वर के अन्तर्गत लमगड़ा से ठाठ गांव तक मोटर मार्ग का नव निर्माण कार्य लम्बाई 2.00 कि०मी०

S.No.	Description of Item	Alignment No. 1	Alignment No. 2	Remarks
1	2	3	4	5
1	Detail of route vis-à-vis topography the area.	The road start from end point of Block LamgaraMotor Road.which is form A.L.S. Motor road SH-39 in Lamgara.	The road start from end point of Block LamgaraMotor Road.which is form A.L.S. Motor road SH-39 in Lamgara.	
2	Length of road.	2.00 K.M.	2.00 K.M.	
3	Bridging requirement- Number, Length.	Nil	Nil	
4	(a) Gradient in different stretches of the alignment. (b) Curves, Hair Pin Bends etc.	1:20R, 1:30R, 1:24R, Level Convex & Concave, spiral curve shall be used for transition H.P. bend-1	1:20R, 1:24R, 1:40R Level Convex & Concave, spiral curve shall be used for transition H.P. bend-4	
5	Existing means of communication Mule path, Jeep Track etc.	-	-	
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 7.2. Nature of Soil 7.3. Road length passing through- (i) Mountainous terrain (ii) Steep terrain (iii) Rock stretches with indications of loose rock conditions. (iv) Area subject to avalanches and snowdrifts (v) Slip-prone areas	As per Geologist E&B, O.R. & H.S., V.H.S. 100% Nil Nil Nil Nil	As per Geologist E&B, O.R. & H.S., V.H.S. 100% Nil Nil Nil Nil	
	7.4. Cliffs and Georges	Nil	Nil	
	7.5. Drainage Characteristics of the area including susceptibility to	Good drainage	Good drainage	

	flooding.			
	7.6. General elevation of the road indicating maximum and minimum heights negotiated by main ascents and descent.	Max. R.L. 1815.00 M Min. R.L. 1851.480M	Max. R.L. 1815.00 M Min. R.L. 1881.760M	
	7.7. Total number of ascents and descents.	4 ascent 0 descent	7 ascent 0 descent	
	7.8. Vegetation – extent and type	Brushes plants and some trees etc. Exact no. and type as per forest deptt.	Brushes plants and some trees etc. Exact no. and type as per forest deptt.	
8	Climatic conditions			
	8.1. Temperature monthly maximum/minimum.	Min. 8 Degree (Approx) Min. 30 Degree (Approx)	Min. 8Degree (Approx) Min. 30-Degree (Approx)	
	8.2. Rainfall average, annual, peak intensity, monthly description to the extent possible. 8.3. Snowfall data average annual, peak intensities monthly distribution (to the extent available) 8.4. Wind direction. 8.5. Fog conditions. 8.6. Exposure to sun. 8.7. Unusual weather condition like cloudbursts etc.	1000mm Few times in winters in short area. General type Nil 95% of the length Very less	1000mm Few time in winters General type Nil 95% of the length Very less	
9	Facility/Resources.			
	9.1. Landing ground. 9.2. Dropping zone. 9.3. Foodstuffs. 9.4. Labour local availability & need for import. 9.5. Constructions materials, timber bamboo, sand, stone, shingle etc. Availability and leads involved.	- - Foodstuffs are there Local & Nepali Labour will be needed. Stone within 1-2 Km. far available, sand and shingles quarry in Haldwani.	- - Foodstuffs are there Local & Nepali Labour will be needed. Stone within 1-2 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 Build up land, Forestland etc.	As per Revenue and forest Deptt.	As per Revenue and forest Deptt.	
11	Approximate construction cost	25.49 Lacs	25.49 Lacs	
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	Almora	Almora	
17	Economic Factors:			
	(a) Population served by the Alignment (b) Agriculture and economic potential of the area	1200 Agriculture products will reach up to nearest market and farmers will get good price. Employment will generate	800 Agriculture products will reach up to nearest market and farmers will get good price. Employment will generate	
18	Other major development 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 favorable	Condition not favorable, as villagers are not agree to this route. This maximum nap land used in the alignment.	
20	Working period available for construction work etc.	Working period available whole year expect rainy season	Working period available whole year expect rainy season	
21	Total No. of trees to be removed .	348	-	
22	Average Density of forest cover .	.4	.4	
23	Total No. of Merits	H.P. bend- 1	H.P. bend- 3	
24	Total No. of Demerits	nil	More Curves are Crate a problem of transport.	

Recommendation of Executive Engineer:- The Alignment No. 1 is recommended.

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

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

सहायक वन संरक्षक
 सिविल एवं सोयम वन प्रभाग,
 अल्मोड़ा

प्रतिहस्ताक्षरित
 प्रभाकर वनाधिकारी,
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 अल्मोड़ा.