

ALIGNMENT REPORT

कार्य का नाम— मा0 मुख्यमंत्री घोषणा संख्या-506/2014 के अन्तर्गत जनपद अल्मोड़ा के विधान सभा क्षेत्र जागेश्वर के अन्तर्गत शहरफाटक से ग्राम दो घोड़िया तक मोटर मार्ग का नव निर्माण कार्य का समरेखण प्रस्ताव।

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.	This road will be start from Shaharfatak-Mornaula under S.H.-10 motor road this area is situated in Block Lamgara and Distt. Almora	This road will be start from Shaharfatak-Mornaula under S.H.-10 motor road this area is situated in Block Lamgara and Distt. Almora	
2	Length of road.	5.00 K.M.	5.00 K.M.	
3	Bridging requirement- Number, Length.	Nil	Nil	
4	(a) Gradient in different stretches of the alignment. (b) Curves, Hair Pin Bends etc.	1:20F, 1:40F, 1:60F, Level Convex & Concave, spiral curve shall be used for transition H.P. bend-4	1:40F, Level 1:24F, 1:20F Convex & Concave, spiral curve shall be used for transition H.P. bend-8	
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	As per Geologist	As per Geologist	
	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-			
	(i) Mountainous terrain	100%	100%	
	(ii) Steep terrain	Nil	Nil	
	(iii) Rock stretches with indications of loose rock conditions.	Nil	Nil	
	(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	Max. R.L. 2040.00 M	Max. R.L. 2040.00 M	

	indicating maximum and minimum heights negotiated by main ascents and descent.	Min. F.L. 1946.710M	Min. R.L. 1879.260M	
	7.7. Total number of ascents and descents.	3 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. 7 Degree (Approx) Min. 30 Degree (Approx)	Min. 7 Degree (Approx) Min. 30 Degree (Approx)	
	8.2. Rainfall average, annual, peak intensity, monthly description to the extent possible.	1000mm	1000mm	
	8.3. Snowfall data average annual, peak intensities monthly distribution (to the extent available)	Few times in winters in short area.	Few time in winters	
	8.4. Wind direction.			
	8.5. Fog conditions.	General type	General type	
	8.6. Exposure to sun.	Nil	Nil	
	8.7. Unusual weather condition like cloudbursts etc.	95% of the length Very less	95% of the length 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. Constructions materials, timber bamboo, sand, stone, shingle etc. Availability and leads involved.	Stone within 1-2 Km. far available, sand and shingles quarry in Haldwani.	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	42.48 Lacs	42.48 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	Shaharfatak	Shaharfatak	

17	Economic Factors:			
	(a) Population served by the Alignment	800	300	
	(b) Agriculture 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 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	

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

Junior Engineer
 प्रमुख अभियंता
 राष्ट्रीय खण्ड, लो. नि. वि.
 बरनोडा

Superintending Engineer

समस्त खण्ड संख्या (1) जो नक्शे में लाल रंग से दिखाया गया है, EE के संस्करण के आधार पर अनुमोदित किया जाता है।

3/3/15
 प्रमुख अभियंता,
 बरनोडा, लोक निर्माण विभाग
 बरनोडा

उप प्रभागीय वनाधिकारी (नै०)
 नैनीताल वन प्रभाग, नैनीताल

वन क्षेत्राधिकारी
 उत्तरी गोला वन क्षेत्र
 नैनीताल वन प्रभाग नैनीताल

प्रभागीय वनाधिकारी
 नैनीताल वन प्रभाग, नैनीताल