

ALIGNMENT REPORT

कार्य का नाम- राज्य योजना के अन्तर्गत जनपद अल्मोड़ा के विधान सभा क्षेत्र जागेश्वर के अन्तर्गत सत्यो से जिफल्टा-नैड़ी तक मोटर मार्ग के नव निर्माण कार्य का समरेखन प्रस्ताव।

S.No.	Description of Items	Alignment No.1	Alignment No.2	Remarks
1	2	3	4	5
1	Detail of route & à-vis topography of the area.	This road will start from Village merdhura to satyu Motor road (Km. 100.00). This area is situated in Block Langhra and Distt. Almora.	This road will start from Village merdhura to satyu Motor road (Km. 100.00). This area is situated in Block Langhra and Distt. Almora.	
2	Length of road	6.00 Km	6.00 Km	
3	Bridging requirements- Number, Length	Nil		
4	(a) Gradient in different stretches of the alignment. (b) Curves, Hair pin, bends etc	1:24E, 1:40E, Level 1:20F Conve & Concave, spiral curve shall be used for transition H.P. bend 10	1:24E & 1:40E Conve & Concave, spiral curve shall be used for transition H.P. bend-7	
5	Existing means of communication Mule path, Jeep, Tractor etc.			
6	Right of way bridging cut 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 crossing through-			
	(i) Mountainous terrain	100%	100%	
	(ii) Steep terrain	Nil	Yes	
	(iii) Rock streches with indication 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 Gorges	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. 1600.00M	Max. RL. 1600.00M
	Minimum heights negotiated by main ascents and descents	Min. RL. 1400.300M	Min. RL. 1395.00M
	7.7. Total number of ascent and descents	8 ascent 9 descent	8 ascent 7 descent
	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 maximum/minimum	Min. 8 ⁰ (Apprx.) Min. 35 ⁰ (Apprx.)	Min. 8 ⁰ (Apprx.) Min. 35 ⁰ (Apprx.)
	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 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	90% of the length
	8.7. Unusual weather condition like cloudbursts 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	stone within 1-2 Km far available, sand and shingles quarry in Haldwani	stone within 1-3 Km far available, sand and shingles quarry in Haldwani
	Availability and loads involved.		
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.	As per Revenue and forest Deptt.	As per Revenue and forest Deptt.	
11	Approximate construction cost	48.71 Lacs	48.71 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	Satyu, Lamghara	Satyu, Lamghara	
17	Economic Factors			
	(a) Population served by the Alignment	610	610	
	(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 not favourable will get not Agree.	Alignment No. 2
20	Working period available for construction works.	Working period available whole year except rainy season	Working period available whole year except rainy season	

Recommendation of Executive Engineer :- The revised Alignment No. प्रतिद्वयनाक्षरित


Junior Engineer

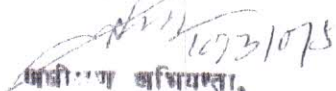

Assistant Engineer


प्रभागाय वनधिकारी,
सिविल एवं सोयम वन प्रभाग
अल्मोडा.

Executive Engineer

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

हमारे पास संख्या 1073/075 के तहत प्रस्तावित
दस्तावेज उपलब्ध है। जो कि सड़क, डाक के संयोजन
के अन्तर्गत यह कामोत्तम विचार किया गया है।


सहायक वन अधिकारी,
सिविल एवं सोयम वन प्रभाग,
अल्मोडा


1073/075
सहायक वन अधिकारी,
सिविल एवं सोयम वन प्रभाग,
अल्मोडा

Superintendent Engineer

सहायक वन सरक्षक
सिविल एवं सोयम वन प्रभाग,
अल्मोडा