

ALIGNMENT REPORT

2.4

का नाम— जनपद अल्मोड़ा में मजखाली-दिगोटी मोटर मार्ग से मजेठी ग्राम तक मोटर मार्ग का समरेखण प्रस्ताव ।

	Description of Item	Alignment No. 1	Alignment No. 2	Remarks
	2	3	4	5
	Detail of route vis-à-vis topography the area.	The road will start from Majkhali-Digoti M/R start from Last point	The road will start from Majkhali-Digoti M/R start from Last point	
2	Length of road.	4.00 K.M.	4.20 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, 1:30F, 1:24F, Level 1:60 F 1:40 F Convex & Concave, spiral curve shall be used for transition H.P. bend-5	1:20F, 1:24F, 1:40R 1:17F 1:60 F Level 1:40 F Convex & Concave, spiral curve shall be used for transition H.P. bend-7	
5	Existing means of communication Mule path, Jeep Track etc.	mule/path Track	mule/path 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 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	Good drainage	Good drainage	

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	area including susceptibility to flooding.			
	7.6. General elevation of the road indicating maximum and minimum heights negotiated by main ascents and descent.	Max. R.L. 1600.00 M Min. R.L. 1482.039M	Max. R.L. 1600.00 M Min. R.L. 1423.630M	
	7.7. Total number of ascents and descents.	8 ascent 2 descent	13 ascent 0 descent	
	7.8. Vegetation – extent and type	Chir plants and some trees etc. Exact no. and type as per forest deptt.	Chir plants and some trees etc. Exact no. and type as per forest deptt.	
4	Climatic conditions			
	8.1. Temperature monthly maximum/minimum.	Min. 6 Degree (Approx) Min. 30 Degree (Approx)	Min. 6Degree (Approx) Min. 30 Degree (Approx)	
	8.2. Rainfall average, annual, peak intensity, monthly description to the extent possible.	1000mm Few times in winters in short area.	1000mm Few time in winters	
	8.3. Snowfall data average annual, peak intensities monthly distribution (to the extent available)			
	8.4. Wind direction.			
	8.5. Fog conditions.	General type Nil	General type Nil	
	8.6. Exposure to sun.			
	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/Ramnagar	Stone within 1-2 Km. far available, sand and shingles quarry in Haldwani/Ramnagar	
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	205.6 Lacs	205.6 Lacs	
12	Access points indicating possibility of induction of equipments.	Nil	Nil छाया प्रति सद्व्यापित	
13	Period required for construction	After transfer of land-I year	After transfer of land-I year	

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Population served by the Alignment	2500	1500	
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	
Other major development project being taken up in the area e.g. hydroelectric projects.	-	-	
Miscellaneous such as, camping sites, law and order problems, royalty charges, availability of contractors for collection and carriage of construction materials.	Condition are favorable As village Agree to this Route This minimum Nap-Land Alignment - 4	Condition not favorable, as villagers are not agree to this route. This maximum nap land used in the alignment. No - 2	
Working period available for construction work etc.	Working period available whole year expect rainy season	Working period available whole year expect rainy season	
Merrits/Demerrits	Merrits 1- Minimum nap land 2- Less H.P. Band-5 nos. 3- Villages aggred. Demrrits Nil	Merrits Nil Demrrits 1- Maximum nap land 2- More H.P. Band-7 Nos. 3- Villages not aggred	

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

J.E./AAE

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A.E.

EX.E.
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प्रस्तावित रास्ता परियोजना (1) जो काला नदी के
किनारे से प्रवाहित होता है, उसमें बाधा
के संशुद्धी के कारण पर्याप्त
विकास होता है।

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18/10
अधीक्षक अभियन्ता,
ग्राम सड़क, लोक निर्माण विभाग
अल्मोड़ा

वन विभाग, लो.नि.वि.
अल्मोड़ा वन प्रभाग

उपपरामर्शीय वनधिकारी लो.नि.वि.
अल्मोड़ा वन प्रभाग