

ALIGNMENT REPORT

मा0 मुख्यमंत्री घोषणा संख्या-2294/2015 के अन्तर्गत जनपद अल्मोड़ा के वि0स0 क्षेत्र सोमेश्वर के अन्तर्गत धामस-ज्योली मोटर मार्ग के विस्तार का समरेखण प्रस्ताव।

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 the end point of Khunt-Dhamas-Basar-Jyoli Motor Road from Km.13.00	This road will also start from the end point of Khunt-Dhamas-Basar-Jyoli Motor Road from Km.13.00
2	Length of road	11.200 Km	13.500 Km
3	Bridging requirements- Number, Length	10Mtr Span	15Mtr Span
4	(a) Gradient in different stretches of the alignment.	1:24 F, 1:1:24R, 1:20R, 1:20F, 1:30F, 1:40F & Level	1:24R, 1:24F, 1:20R, 1:20F, 1:17F, 1:18F, 1:30F, 1:40F & 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- 04
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	O.S. & O.R., H.R.	O.S. & O.R., H.R.
	7.3. Road length passing through-		
	(i) 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 fooding	Good drainage	Good drainage
	7.6. General elevation of the road indicating maximum and	Max. RL. 1080.83 M	Max. RL. 1049.17 M
	Minimum heights negotiated by main ascents and descent.	Min. RL. 909.21M	Min. RL. 879.84 M
	7.7. Total numbers of ascent and	6 ascent	9 ascent
	descents	9 Descent	13 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.	Max. 8 ⁰ (Apprx.) Min. 45 ⁰ (Apprx.)	Max. 8 ⁰ (Apprx.) Min. 45 ⁰ (Apprx.)
	8.2. Rainfall average, annual, peak intensity, monthly description to the extent possible.	900 MM	900 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 cloudbursts etc.	Occassional	Occassional
	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 1-3 Km far available, sand and shingles quarry in	stone within 1-3 Km far available, sand and shingles quarry in
	Availability and leads involved.	Haldwani	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	35.91Lacs	Nil
12	Access points indicating possibility of induction of equipments	-	-
13	Period required for construction	After transfer of land -2 year	After transfer of land -3 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	Badgal Bhatt, Basar, Darmaar, Kurchaun, Dhaili And Jyoli	Badgal Bhatt, Kafalkot, Basar, Dhaili and Jyoli

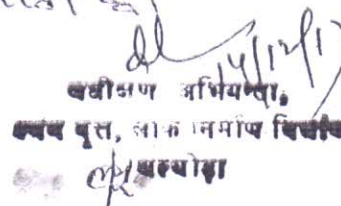
17	Economic Factors :		
	(a) Population served by the Alignment	2451	1888
	(b) Agriculture and economic potential of the area.	Agricultural Products will reach up to nearest market and farmers will get good price. Employment will generate	Agricultural Products will reach up to nearest market and farmers 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 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 Bends.	Nil
22	Total No. of Demerits	Nil	All villagers are not agree with this alignment.


Junior Engineer


Assistant Engineer

Recommendation: Alignment NO ① Shown with red ink is recommended for Approval.

समीक्षण सं ① जो नक्शे में लाल रंग से दर्शाया गया है को सर्वेक्षण विभाग, जिला मजिस्ट्रेट, जिला मजिस्ट्रेट के कार्यालय में प्रस्तुत किया गया है।


जिला मजिस्ट्रेट,
जिला मजिस्ट्रेट विभाग
जिला मजिस्ट्रेट