

13	Period required for construction	1 year after forest clearance	1 year 4 month after forest clearance
14	Strategic Consideration.	Nil	Nil
15	Important villages, town and markets centers to be connected.	Duni – Birsingia to connect Haldwani	Duni – Birsingia to connect Haldwani
16	Recreational potential.	Adventures sports and tourism activity will increase	--Do--
17	Economic Factors. (a) Population served by the alignment.	2266	2266
	(b) Agriculture and economic potential of the area.	Market will be developed for local production	--Do--
18	Other major development project being taken up electric projects etc.	Nil	Nil
19	(ii) Misc. Such as camping sites (iii) Law and other problem (iv) Royalty	Nil Nil Some material	Nil Nil Nil
	(vi) Availability of contractors for collection and carriage of construction material (v) Working period available for construction of work.	Locally available and other materials carriage from Haldwani market 8 Month	Locally available 8 Month
20	Total No. trees to be removed.	994	2175
21	Average Density of forest cover.	0.4	0.5
22	Total No. of Merits	Less construction cost etc. & low density of forest	High density of forest
23	Total No. of Demerits	6 H.P. bend	7 no H.P. bend, High Density of forest, steep Terrain & much construction cost.

RECOMMENDATIONS:

Alignment no.(1) Recommended for approval being more economical, useful & technically Feasible.

Karnel

A. Assistant, Engineer/J.E.

कनिष्ठ अभियन्ता

अस्थाई खण्ड, लो० नि० वि०

भवाली (नैनीताल)

(Signature)
Assistant Engineer

सहायक अभियन्ता
अस्थाई खण्ड, लो० नि० वि०

भवाली (नैनीताल)

Executive Engineer

अधिशाली अभियन्ता
अस्थाई खण्ड, लो० नि० वि०

भवाली (नैनीताल)

**Name of Project :- Costruction of Bagdwar band to Duni Birsingiya
Motor Road**

Performa for comparison between identified alignments

Sl. No.	Variables	Alignment No-1	Alignment No-2
1	Topography	Start from Km 08 of P.H.K. Moter Road , passes through nap /forest land	-----do-----
2	Length of Road	5.550	5.750
3	reuirement of. bridge	NIL	NIL
4	Geometric		
	(a) Gradients	1:24 R, 1:40 R, 1:17 R, 1:24 F LEVEL	1:24 R, 1:40 R, 1:15 R, 1:20 R, 1:40 F, LEVEL
	(b) Curves, H.P. Bends	6 Nos H.P. Bend 90 No. Curves	7 Nos H.P. Bend 120 No. Curves
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule Path	Mule Path
6	Right of way, bringing out. Construction on account of built up ares, monuments and other structures.	7.00 m	7.00 m
7	(a) Terrain & Soil Condition	E& B, H.S, VHS	E& B, H.S, VHS
	(Vi) Cliffs and gotges (Vii) Drainage characteristic of the area including spceptibility to hooding (Viii) General elevation of the road including maximum and minimum being negotiated by main ascends and discends. (iX) Variation extants and types.	(VI) Nil (VII) Flooding suspect ability Nil. (VIII) Rise, Fall and Level Gradients. (IX) Rise, Fall and level gradient	(VI) NIL (VII) Nil (VIII) Rise, Fall and level gradient (IX) Rise, fall and Level gradient
8	Climate Condition (a) Temperature Monthly max. & Min reading (b) Rainfall data average annual peak intensities monthly distribution(to the extent availible) (c) Snowfall data average annual peak intensities monthly distribution(to the extent available) (d) Wind direction and velocities. (e) Fog condition.(f) Exposure to sun.(g) Unusual welth condition like cloud brust etc.	a. Temperatune 4-30 C b. Nil c. Nil d. North to South Normal e. During rainy season f. 95% g. Nil	a. 4-30 C b. Nil c. Nil d. North to south e. During rainy seacon f. 85 % g. Nil
9	Facilities resources. (a) Landing ground (b) Dropping Zone (c) Food stuffs. (d) Labour local availability and need for import. (e) Construction material (timber, Bamboo, Sand, Stone, etc. extent of their availability and lead involved.	a. To be aquired from village and forest b. Nil c. Available d. Available e. Available from Gola River Haldwani	a. do b. Nil c. Available d. Availible e. do
10	Value of land, agricultural land, Irrigated land, bult up land, forest land etc.	Unirriated land will be effected	same
11	Approximate Const. Cost.	255.30 Lac.	264.50 Lac.
12	Access point indicting possibility of induction of equipment. 2 Yesrs after forest clearance	Start from Km 08 of P.H.K Moter Road , passes through nap /forest land	Start from Km 08 of P.H.K. Moter Road , passes through nap /forest land