

परियोजना का नाम :- जनपद बागेश्वर में प्रधानमंत्री ग्रामीण सड़क योजना के अर्न्तगत फरसाली से खर्कुकाना तोली (11.675 कि०मी०) के नव निर्माण हेतु वन भूमि हस्तान्तरण प्रस्ताव।

Performa for comparison between identified alignments


Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	Hilly. Alignment takes off 29 Km Ahead From Bageshwar – Kapkot – Tejam motor road and Farsalli Palli motor road at Km. 5.800.	Hilly. Alignment takes off 29 Km Ahead From Bageshwar – Kapkot – Tejam motor road and Farsalli Palli motor road at Km. 5.800.
2	Length of Road	11.607 Kms	11.900
3	A. Bridge Requirements Minor Bridge i. Total number. ii. Range of span iii. Total water way. B. Major Bridges i. Total number ii. Range of span iii. Total water way iv. Length of cliffs and gorges. V Scupper	01 No 48 M Average 8 Nos. Per	01 No 60 M Average 8 Nos. Per Km
4	Geometric		
	(a) Gradients	1:20 fall, 1:24 fall, 1:40 rise, 1:20 rise, level.	1:15 fall, 1:16 fall, 1:120 fall, 1:11 fall, 1:17 rise and 1:14 rise, 1:10 rise.
	(b) Curves, H.P Bends	All curves as per IRC, 7 Hp Bends	All curves as per IRC, 9 HP Bends
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule path and foot track	Mule path and foot track
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	NIL	NIL
07	(a) Terrain & Soil Condition.	Hilly. E&B, HR, VHR/VHS	Hilly. E&B, HR, VHR/VHS
	(i) Cliffs and gorges.	100 meter	150 meter
	(vii) Drainage characteristics of the area including suscepibility to flooding.	Good Natural Drainage, hence susceptibility to damage in minimum	Good Natural Drainage, hence susceptibility to damage in minimum
	(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and descends.	Minimum and Maximum Heights 1343 meter and 1650 meter. Through Ups and Downs.	Minimum and Maximum Heights 1350 meter and 1750 meter. Through Ups and Downs.
	(ix) Variations extants and types.	Ordinary bushes and some trees.	Ordinary bushes and some trees.
8.	Climate Condition:(a) Temperature Monthly max. & min. reading.	Max 30 C, Min 2 C	Max 30 C, Min 2 C
	(b) Rainfall data average annual peak intensities monthly distribution (to the extent available)	Not available	Not available
	(c) Snowfall data average annual peak intensities monthly distribution (to the extent available).	Not available	Not available


	(d) Wind direction and velocities. (e) Fog Condition. (f) Exposure to sun. (g) Unusual weather condition like cloud burst etc	From North and South with moderate velocity Occasionally in rains Well exposed to sun Negligible	From North and South with moderate velocity Occasionally in rains Well exposed to sun Negligible
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, Shingle etc. extent of their availability and lead involved.	Nil Nil Bageshwar 50% Labors Available Locally and rest From Nepal Stone Mostly. Available With In 5-10 Kms	Nil Nil Bageshwar 50% Labors Available Locally and rest From Nepal Stone Mostly. Available With In 5-10 Kms
10.	Value of land, agricultural land, Irrigated land, built up land, forest land etc,	Naap Land: 2.995 Km, Civil Land: 7.560 Km, Van Panchayat: 1.120 Km	Naap Land: 2.300 Km Civil Soyam: 6.250 Km Van Panchayat: 3.350 Km
11.	Approximate Const. Cost.	593.52 Lack	613.54 Lack
12.	Access point indicating possibility of induction of equipment.	Bageshwar	Bageshwar
13.	Period required for construction.	12 Months (Working Season)	12 Months (Working Season)
14.	Strategic Consideration.	The work will be carried out by Machinery Equipments and manually.	The work will be carried out by Machinery Equipments and manually.
15.	Important villages, towns and markets centers to be connected.	Bageshwar	Bageshwar
16.	Recreational potential.	Will Increase	Will Increase
17.	Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area.	761 peoples Good	761 peoples Good
18.	other major development projects being taken up electric projects etc.	Micro Hydraulic Electricity Projects	Micro Hydraulic Electricity Projects
19.	(i) Misc. Such as camping sites (ii) Law and other problem (iii) Royalty	Camping Site for Tourism Purpose will increase after road accessibility. Law and other problems will improve after road connectivity After road connectivity royalty payment to forest department will increase.	Camping Site for Tourism Purpose will increase after road accessibility. Law and other problems will improve after road connectivity After road connectivity royalty payment to forest department will increase.
	(iv) Availability of contractors for collection and carriage of construction material (v) working period available for construction of work.	Good 12 Months (Working Season)	Good 12 Months (Working Season)


20.	Total No. of trees to be removed .	737	883
21.	Average Density of forest cover .		
22.	Total No. of Merits	1. Schooling and medical facilities will be easier 2. The villagers can sell their agricultural products in nearby market. 3. Village Tourism may be promoted. 4. Economic conditions of the villagers will improve.	1. Schooling and medical facilities will be easier 2. The villagers can sell their agricultural products in nearby market. 3. Village Tourism may be promoted. 4. Economic conditions of the villagers will improve.
23.	Total No. of Demerits	1. Large area of Naap Land and Forest Land will get affected in road construction.	1. Large area of Naap Land and Forest Land will get affected in road construction.

RECOMMENDATIONS:

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


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