

राज्य योजना के अन्तर्गत जनपद चमोली के विधानसभा क्षेत्र कर्णप्रयाग में कर्णप्रयाग-नौटी-किरसाल मोटर मार्ग में खेत गधरे से खेती जखेट चौरासैण तक मोटर मार्ग का नवनिर्माण


Performa for comparison between identified alignments


SI No	Variables	Alignment No-1	Alignment No-2
1	Topography	Hilly Terrain	Hilly Terrain -
2	Length of road	5.00 K.M.	5.50 K.M.
3	Bridging requirement No	1	1
4	Geometric		
	(u) Gradients	1:20,1:22,1:24, Raise/Fall/Level	1:18, 1:20,1:40 Raise/Fall/Level
	(v) Curves H.p Bends	4	5
5	Existing Means of Communication on account.mule path.jeep. Tracks etc.	Track	Track
6	Right of way, bringing out, construction on account of built up areas. Monuments and other structures.	R.O.W. 7.00 m Monuments-Nil	R.O.W. 7.00 m Monuments-Nil
7	Terrain & Soil Condition.		
	(a) Cliffs and gorges.(b) Drainage characteristics of the area including supceptibility to flooding.(c) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends.(d) Variations extants and types.	(a) No cliffs, 0 number Gorges, (b) drainage Characteristics good susceptibility to flood- Nil (c) Maximum height 1677.00 m Minimum Hight 1360.00m, Ascend/discend- 02 nos. (d) variations- 3 nos.	(a) No cliffs. 01 number Gorges, 01 sliding zone (b) drainage Characteristics is not good susceptibility to flood- Nil (c) Maximum height 1677.00 m Minimum Hight 1360 m. Ascend/discend-04 nos. (d) variation-4 nos.
8	Climate Condition: (1) Temperature Monthly max. & min, reading. (2) rainfall data average annual peak intensities monthly distribution (to the extent available. (3) Snowfall data average annual peak intensities monthly distribution (to the extent available) (4) Wind direction and velocities. (5) Fog Condition. (6) Exposure to sun. (7) Unusual weather condition like cloud burst etc.	(1) Maxi+32 ⁰ c, Mini 8 ⁰ c (2) 700 mm (02 month) 400 mm (10 month) (3) Snowfall-yes (4) East to west (5) Fog condition- nil (6) Sunny area (7) Nil	(1) Maxi+32 ⁰ c, Mini 8 ⁰ c (2) 700 mm (02 month) 400 mm (10 month) (3) Snowfall-yes (4) East to west (5) Fog condition- nil (6) Sunny area (7) Nil
9	Facilities resourse		
	(1)Landing ground.	(1)Nil	(1)Nil
	(2)Dropping Zone.	(2) Nil	(2) Nil
	(3)Food stuffs.	(3) available	(3) available
	(4)Labour local availability and need for import.	(4) available	(4) available
	(5) Construction material Timber. Bamboo, sand. stone. shingle etc. extent of their	(5)Stone available sand will be carried from kaleshwar	(5)Stone available sand will be carried from kaleshwar


10	Value of land , agricultural land, irrigated land, bult up land, forest land etc.	Rs 30.00 lac/hectare.	Rs. 30.00 lac/hectare
11	Appoximate const. cost. (Including dumping yard)	Rs 183.00 lac	Rs.183.00 lac
12	Access point indicating possibility of induction fo equipment.	NIL	NIL
13	Period required for construction.	1.500 years	1.500 years
14	Strategic Consideration.	Nil	Nil
15	Important Villages, towns and markets centres to be connected.	Kheti & Jakhet	Kheti & Jakhet
16	Recreational potential.	Nil	Nil
17	Economic Factors:		
	(1 Population served by the alignment.	384	384
	(2)Agricultures and economic potential of the area.	Fruits & Vegetables	Fruits & Vegetables
18	Other major development projects being taken up electric projects etc.	Nil	Nil
19	(1) Mics, such as camping sites	Nil	Nil
	(2) Law and other Problem	Nil	Nil
	(3) Royalty	Nil	Nil
	(4) Availability of contractors for collection and carriage of construction material	Good	Good
	(5) working period available for construction of work.	09 months in a year	09 months in a year
20	Total No. of trees to be removed	42	80
21	Average Density of forest cover.	30 nos per hect.	58 nos per hect.
22	Total No. of Merits	4 nos.	Nil
23	Total No. of Demerits	Nil	2 nos.

RECOMMENDATIONS:

Alignment no. (01) Recommended for approval being more economical, useful & technically feasible.


Junior Engineer
Temp. DIV. PWD
Gauchar


Assistant Engineer
Temp. DIV. PWD
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Executive Engineer
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