

राज्य योजना के अन्तर्गत गौचर-सिदोली-धनपुर मोटर मार्ग के विस्तार हेतु

(लम्बाई कि०मी० 24.500 से 27.500)

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	3.00 Km	4.00 km
3	Bridging requirement No- and Length	0	0
4	Geometric		
	(a) Gradients	1:22,1:24, Raise/Fall/Level	1:20, 1:22, Raise/Fall/Level
	(b) Curves H.p Bends	2	3
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 susceptibility 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 1450.00 m Minimum Hight 1300.00m, Ascend/discend-02 nos. (d) variations- 3 nos.	(a) No cliffs. 01 number Gorges, 01 sliding zone (b) drainage Characteristics good susceptibility to flood- Nil (c) Maximum height 1450.00 m Minimum Hight- 1300.00 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+28 <sup>0</sup> c,Mini-04 <sup>0</sup> c (2)Maxi+500mm(02 month)-800mm (10 month) (3) Snowfall-yes  (4) East to west  (5) Fog condition- nil (6) Sunny area (7) Nil	(1) Maxi+28 <sup>0</sup> c,Mini-04 <sup>0</sup> c (2)Maxi+500mm(02 month)-800mm (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	(5)Stone available sand will be carried from kaleshwar	(5)Stone available sand will be carried from kaleshwar

10	etc. extent of their Value of land , agricultural land, irrigated land, bult up land, forest land etc.	Rs. 60.00 lac/hectare.	Rs. 60.00 lac/hectare
11	Approximate const. cost. (Including dumping yard)	Rs 200.00 lac	Rs.250.00 lac
12	Access point indicating possibility of induction fo equipment.	-	-
13	Period required for construction.	1.500 years	1.500 years
14	Strategic Consideration.	Nil	Nil
15	Important Villages, towns and markets centers to be connected.	Gauchar, Sidoli, Karanprayag	Gauchar, Sidoli, Karanprayag
16	Recreational potential.	Nil	Nil
17	Economic Factors:		
	(1 Population served by the alignment.	111	111
	(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	964	1000
21	Average Density of forest cover.	60 nos per hect.	65 nos per hect.
22	Total No. of Merits	5 nos.	Nil
23	Total No. of Demerits	Nil	3 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  
Gauchar



Executive Engineer  
Temp. DIV. PWD  
Gauchar