

**परियोजना का नाम:-** जनपद टिहरी गढ़वाल के विधानसभा क्षेत्र धनौली में  
राज्य योजना के अन्तर्गत टांगधार - थौलधार मोटर मार्ग  
का नव निर्माण।

**Performa for comparison between identified alignments**

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	Attached	Attached
2	Length of Road	7.600	7.775 Km
3	Bridging requirement No. and Length	Nil	Nil
4	Geometric		
	(a) Gradients	1:15,1:17,1:18,1:20 Fall	1:15,1:17,1:18,1:20,1:22 Fall
	(b) Curves, H.P Bends	07 Nos.	05 Nos
5	Existing Means of communication, mule path, jeep, Tracks etc.	Foot Path	Foot Path
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	Passing Through E&B and some statches in VHR	Passing Through E&B and some statches in VHR
7	(a) Terrain & Soil Condition.		
	(vi) Cliffs and gorges.(vii) Drainage characteristics of the area including supceptibility to flooding .(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends.(ix) Variations extants and types	Being mountaineous terrian drainage characterstic are goog and abnormal damages are not anticipated.	Being mountaineous terrian drainage characterstic are goog and abnormal damages are not anticipated.
8.	Climate Condition:(a) Temperature Monthly max. & min. reading.(b) Rainfall data average annual peak intensities monthly distribution (to the extent available) .(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 weather condition like cloud burst etc.	(a) Max 32 & Min. 4 (b) Rainfall data are not available, (c) Road not covered by snow (d) data are not available, (e) Fog remains during rainy & winter season. (f) Full alignment is exposed to sun.	(a) Max 32 & Min. 4 (b) Rainfall data are not available, (c) Road not covered by snow (d) data are not available, (e) Fog remains during rainy & winter season. (f) Full alignment is exposed to sun.
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.	(a) Nil (b) Nil (c) Locally available (d) Locally available (e) Local timber like Chir wood,sand and stone are available	(a) Nil (b) Nil (c) Locally available (d) Locally available (e) Local timber like Chir wood,sand and stone are available

	extent of their availability and lead involved.		
10.	Value of land, agricultural land, Irrigated land, bult up land, forest land etc,	Agricultural- 4.00 Hec R/Forest- 2.83 Hec	Agricultural- 2.45 Hec R/Forest- 2.9925 Hec
11.	Approximate Const. Cost.	Rs. 451.72 Lakh.	Rs. 451.72 Lakh.
12.	Access point indicating possibility of induction of equipment.	Nil	Nil
13.	Period required for construction.	12 Months	12 Months
14.	Strategic Consideration.	Nil	Nil
15.	Important villages, towns and markets centers to be connected.	Nair, kainthogi, Barwal goan and qulagi	Nair, kainthogi, Barwal goan and qulagi
16.	Recreational potential.	Nil	Nil
17.	Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area.	(a) 1226	(a) 1226
18.	other major development projects being taken up electric projects etc.	Nil	Nil
19.	(i) Misc. Such as camping sites (ii) Law and other problem (iii) Royalty	Nil	Nil
	(iv) Availability of contractors for collection and carriage of construction material (v) working period available for construction of work.	(IV) Locally available (V) 12Months	(IV) Locally available (V) 12Months
20.	Total No. of trees to be removed .	685	673
21.	Average Density of forest cover .		
22.	Total No. of Merits		01- less no of hair pin baird instead of alignment no 01
23.	Total No. of Demerits	1 Starting 1 km road on sliding zone	Nil

#### RECOMMENDATIONS:

**Alignment No. (2) Recommended for approval being more economical, useful & technically feasible.**

अपर सहायक / कनिष्ठ अभियन्ता  
निर्माण खण्ड, लो० नि० वि०  
चम्बा।

सहायक अभियन्ता  
निर्माण खण्ड, लो० नि० वि०  
चम्बा।

अधीक्षक अभियन्ता  
निर्माण खण्ड, लो० नि० वि०  
चम्बा।

प्रमुख अधिकारी  
निर्माण खण्ड, लो० नि० वि०  
चम्बा।

प्रमुख अधिकारी  
निर्माण खण्ड, लो० नि० वि०  
चम्बा।

Note - Signature and approval of the concerned DFO is essential.