

A-2.4.1

परियोजना का नाम:- जनपद पिथौरागढ़ में प्रधानमंत्री ग्राम सड़क योजना के अन्तर्गत में प्रस्तावित डीडिहाट-पमस्यारी मोटर मार्ग का नवनिर्माण हेतु 5.857 हे० वन भूमि हस्तान्तरण प्रस्ताव।

Performa for comparison between identified alignments

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	Hilly	Hilly
2	Length of Road	7.675	8.000
3	Bridging requirement No. and Length		
	Minor Bridge (Culverts)	Nil	Nil
	Major RCC bridges	03 No of 10,08,15 meter in length	03No of 12,10,15 meter in length
	Major Steel Girder Bridges	01 No of 36 meter in length	02 of 42,24 meters span respectively
4	Geometric		
	(a) Gradients	1:18 fall, 1:40 fall, 1:20 fall, 1:20 rise, 1:14 fall, level, 1:17 fall, 1:18 rise, 1:24 rise and 1:18 fall	1:16 fall, 1:40 fall, 1:20 fall, 1:17 fall, level, 1:18 rise, 1:22 fall, 1:40 rise, 1:20 rise, 1:15 rise and 1:14 fall.
	(b) Curves, H.P Bends	3	5
5	Existing Means of communication, mule path, jeep, Tracks etc.	Bridal Road	Bridal Road
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	Nil	Nil
	(a) Terrain & Soil Condition.	E&B,OR,HR	E&B,OR,HR
	(i) Cliffs and gorges.		
	(ii) Drainage characteristics of the area including susceptibility to flooding.	Good natural drainage hence susceptibility to damage in minimum	Good natural drainage hence susceptibility to damage in minimum
	(iii) General elevation of the road indicating maximum and minimum height	Minimum & Maximum heights 1200 m and 575 m. through Up & Down	Minimum & Maximum heights 1000 m and 500 m. through Up & Down
	(iv) Variations extants and types.	Ordinary bushes and some cheer tree	Ordinary bushes and some cheer tree
	Climate Condition:		
	(a) Temperature Monthly max. & min. reading.	Max 17C, Min 2C	Max 17C, Min 2C
	(b) Rainfall data average annual peak intensities monthly distribution (to the extent available).	1050	1050
	(c) Snowfall data average annual peak intensities monthly distribution (to the extent available).	Dec. to Jan.	Dec. to Jan.
	(d) Wind direction and velocities.	From North and South with moderate velocity	From North and South with moderate velocity
	(e) Fog Condition.	Negligible	Negligible
	(f) Exposure to sun.	Well expose to sun	Well expose to sun
	(g) Unusual weather condition like cloud burst etc.		
	Facilities resources.		
	(a) Landing ground.	Nil	Nil
	(b) Dropping Zone.	Nil	Nil
	(c) Food stuffs.	Didihat, Pithoragarh	Didihat, Pithoragarh
	(d) Labour local availability and need for import.	50% labour available locally and rest from Nepal	50% labour available locally and rest from Nepal
	(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Available with in 50 Kms	Available with in 50 Kms
10	Value of land, agricultural land, Irrigated land, built up land, forest land etc,	Cultivated 3.550 km Irrigated Nil Km., Un irrigated 3.550 Km, civil soyam & Banjar land 4.125 Km Forest land 0.00Km.	Cultivated 4.000 km, Irrigated 2.500 Km., Un irrigated 1.500 Km, civil soyam & Banjar land 4.000 Km Forest land Nil Km.
11	Approximate Const. Cost.	513.35Lacs	616 Lacs
12	Access point indicating possibility of induction of equipment.	Pithoragarh	Pithoragarh

Engineer
R.E.S.P.M.G.S.Y
Didihat

सचिवारी अभियंता
जी० एम० जी० एम० वाई०
डीडीहाट (पिथौरागढ़)

A-2.4.2

13	Period required for construction.	12 Month (working season)	12 Month (working season)
14	Strategic Consideration.	Normal	Normal
15	Important villages, towns and markets centers to be connected.	Didihat	Didihat
16	Recreational potential.	Well increase	Well increase
17	Economic Factors:	A) Approximate	A) Approximate
	(a) Population served by the alignment.	B) Good	B) Good
	(b) Agricultures and economic potential of the area.		
18	other major development projects being taken up electric projects etc.	No	No
19	(i) Misc. Such as camping sites	-	-
	(ii) Law and other problem	-	-
	(iii) Royalty	-	-
	(iv) Availability of contractors for collection and carriage of construction material	-	-
	(v) working period available for construction of work.	Mostly stone available	Mostly stone available
20	Total No. of trees to be removed .	12 month (working season)	12 month (working season)
21	Average Density of forest cover .	696	-
	Total No. of Merits	Normal	Normal
22		1.Alignment is accepted by Villagers & Elected Public Representatives of the area. 2. No. Clverts,01 NO. steel. Bridges 3.Alignment is passing through stable area.	1. 5 H.P. Bends. 2.01 No. R.C.C. Bridges and 04 02. Steel Girder Bridges. 03.Alignment is passing Through Steep Terrain.
23	Total No. of Demerits	1.03 Hair pin Bends	1.Alignment is not accepted by Villagers & Elected Public Representatives of the area. 2.Increasing of Nap Land,Private Trees and Civil Land in alignment.

RECOMMENDATIONS:

Alignment no .(1) Recommended for approval being usefull & technically feasible and shortest distance from Tehsil,Block Head Quartyer

J.E.

Astt. Engineer
R.E.S. P.M.G.S.
Didihat

अधिशारी अभियन्ता
पी०एम०जी०एस०
डीडीहाट (पिथौरागढ़)

प्रभागीय क्षेत्र अधिकारी
पिथौरागढ़ इन प्रभाग
पिथौरागढ़