

4620 / 257 01 : 03/2014 01-10-2014

9

This alignment Comparative Statement of Various Alignment

Name of Work : जनपद पिथौरागढ़ में जिला योजना के अन्तर्गत चण्डाक बांस आवलाघाट मोटर मार्ग के कि०मी० ०९ पोखरी से रतवाली ततरोडा तक मोटर मार्ग का नव निर्माण।

लम्बाई किमी० २ चैनो ०.००० से २.००० तक ।

Sl. No.	ITEM	ALIGNMENT NO. 1		ALIGNMENT NO. 2	
		PROPOSED ALIGNMENT		ALTERNATIVE ALIGNMENT	
1	2	3		4	
1	DETAILS OF ROUTE AND TOPOGRAPHY OF ROAD Main in features & description of the alignment Length of alignment from starting to terminal point .	This alignment started from chandak bans awalaghat motor road km 9.00 2.000 km		This alignment started from chandak bans awalaghat motor road km 9.00 2.000 km	
2	GEOMETRICS				
	a) Gradient in different stretches of the alignment.	1:20F Level 1:17F 1:24F		1:10F 1:20F 1:17F Level	
	b) Curves and Hair pin Bands.	3 no		1no	
4	TERRAIN AND SOIL CONDITION				
	a) Geology of the area .	E&B - 50% H.S. - 30% V.H.S.- 20%		E & B -20% H.S. - 30 % V.H.S. - 50%	
	b) Road length passing through .				

p.e. Alkhalil

1/11/14

1/11/14

अभिमान

4620/207 dt. -03/2014

11-10-2014

1	2	3	4
D)	Mountainous terrain (cross slopes 25° to 60°	1.000 km	1.000 km
II)	Steep terrain (cross slopes greater than 60°	Nil	Nil
III)	Rocky stretches with indication in looser rocks stretch .	partially	partially
IV)	Area subject to avalanches and show drifts .	Nil	Nil
5.	NATURE OF SOILS		
	a) Length of reaches of E& B	50 %	20%
	b) Length of reaches of H. R.	30%	30%
	c) Length of reaches of V.H.R.	20%	50%
	d) Length of reaches with Conglomerate.	Nil	Nil
6.	BRIDGE REQUIREMENT (Minor Bridge)		
	a) Total No .	Nil	Nil
	b) Rang of SPAN	Nil	Nil
	c) Total water ways	Nil	Nil
7.	a) General elevation of the road indication max. min. heights regulated by main ascends and descends.	As per L section attached all most fall	fall

[Signature]

[Signature]

[Signature]

1	2	3	4
	b) Total nos. of ascends and descends.		
8.	a) Right of way bringing out construction and other structure. b) Approximate area and value of lands. i) Cultivated . ii) Irrigated iii) Un irrigated (Barren land) .	- - - 80 %	- - - 80 % Mule path & foot track
9.	a) Existing mean of inter communication Mule path , Jeep , Truck etc. b) Relation of proposed alignment with existing under construction materials.		
10.	a) Availability of road construction materials.	Only stone in locality available.	Only stone in locality available.
11.	b) Average leads . a) Leading grounds b) Dropping Zone. c) Foods stuffs . Labour local availability and needs of import	0.500km Nil Nil Local fruits & Vegetable available local labour is not available mostly work done by Nepali labour	0.500 km Nil Nil Same as alignment No (1)

[Signature]

[Signature]

अधिकासी अधिकृत
प्र. ख. लो. नि. वि.
सिन्धु

1	2	3	4
12.	Access point indication possibility of indication of equipments	Medium type of equipment can be taken up to starting point	Same as alignment No (1)
13.	CLIMATIC CONDITIONS a) Temperature monthly max and min. b) Rainfall dates average annual per intensities monthly described to the extent available length of road covered by snow (average and period) c) Wind directions . d) Exposure of sun	Data not available " North- East	Data not available " North- East
14.	a) Drainage characteristics of area including suitability of drainage. b) Length of land slides	Average 80% Sunny face Nil Nil	Average 70% Sunny face Nil 30 meter
15.	Length of unstable area.	Nil	300 meter
16.	Length of heavy clearances .	Nil	Nil
17.	Length of murshy and flooded area.	Nil <i>p.e. attached</i>	Nil

Drish
km

(M.B.1)

अधिशयमी अभियन्ता
प्र० ख० लो० नि० सि०

1	2	3	4
18	Length of portions with loose rocks	0% approximate 1 years	30% approximate 1 years
19	Period required for construction	Local fruits & Vegetable	Local fruits & Vegetable
20	Vegetable extend type	As per list attached	No political aspects
21	Political aspects a.) Villages falling with in 1 km b) with in 6 km c) Important villages connects	<i>Retinal</i> Nil	<i>Retinal</i> Nil
22	State consideration	More then 300	More than 200
23	Economical and industrial consideration population served by the alignment	It will develop tourisms and recreational means in this area	Same as alignment No (1)
24	Recreational potential and development of tourism	100% 70% length	80% 80% length
25	Scope for agriculture and horticulture development .		
26	Extend of forest width .	Nil	Nil
27	Proposed of development of minor of any major development projects being taken up in the Hydrolic project.		
28	Approximate cost of const. of the alignment .	43.00 Lacs Total 1.000 km Length	43.00 lacs Total 1.000 km Length
29	Merits and demerits . a) Merits. b) Demerits	After more then 70% population of this area will be benefited 2. Maximum forest wealth affected in this alignment constt. Of this road	After more then 70% opulation of this area will be benefited 2. Maximum forest wealth affected in this alignment constt. Of this road
30	Any other useful information		
31	Recommendation by E.E., P. D., P.W.D., Pithoragarh . <i>प्रमाणित वन अधिकारी</i> <i>विपरीत वन प्रचार</i>	गुण अवगुणों की तुलना करने पर तथा ग्राम वासियों का समरेखण नं० 1 में सहमति होने के कारण अनुमोदन की संस्तुति सहित प्रेषित है। <i>प्रमाणित</i> <i>विपरीत</i>	गुण अवगुणों की तुलना करने पर तथा ग्राम वासियों की समरेखण नं० 2 में असहमति होने के कारण निरस्त की संस्तुति सहित प्रेषित है। <i>अधिशामी अभियन्ता</i> <i>५० ख० लो० नि० वि०</i> <i>पिथौरागढ़</i>

अधिशामी अभियन्ता
५० ख० लो० नि० वि०
पिथौरागढ़

प्रमाणित
विपरीत

प्रमाणित वन अधिकारी
विपरीत वन प्रचार

प्रमाणित
विपरीत

प्रमाणित वन अधिकारी
पिथौरागढ़ वन प्रचार