
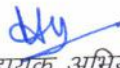



परियोजना का नाम :- जनपद अल्मोड़ा में घुघती-कैलानी से मसमौली तक मोटर मार्ग का नव निर्माण। 1.044 है० (6.500 किमी.)


### वैकल्पिक समरेखणों को निरस्त किये जाने का प्रमाण-पत्र


प्रस्तावित परियोजना हेतु दो समरेखणों पर विचार किया गया। समरेखण संख्या-2 हेयर पिन बैंड व अधिक वनभूमि आने अधिक लम्बाई की आवश्यकता होने एवं अधिक वृक्षों की संख्या आने के कारण निरस्त किया गया एवं समरेखण संख्या-1 में कम हेयर पिन बैंड, एवं कम वनभूमि प्रभावित होने, कम लम्बाई में मार्ग का निर्माण हो सकता है। इस प्रकार समरेखण नं० 1 में ग्रामीणों की सहमति होने के कारण उचित पाया गया जो कि प्रस्तावित है।


  
कनिष्ठ अभियन्ता,  
प्रान्तीय खण्ड, लोक निर्माण विभाग,  
रानीखेत


  
सहायक अभियन्ता,  
प्रान्तीय खण्ड, लोक निर्माण विभाग,  
रानीखेत

  
अधिशाली अभियन्ता,  
प्रान्तीय खण्ड, लोक निर्माण विभाग,  
रानीखेत


  
राज्य स्तरीय निरीक्षक,  
क्षेत्र.....  
तहसील.....


  
तहसीलदार स्याल्द  
जिला-अल्मोड़ा (उत्तराखण्ड)

  
प्रभागीय वनाधिकारी  
अल्मोड़ा वन प्रभाग अल्मोड़ा

  
प्रभागीय वनाधिकारी  
मिकियासन  
जिला-अल्मोड़ा

  
जिला अधिकारी  
अल्मोड़ा

  
जिला अधिकारी  
अल्मोड़ा

  
वन क्षेत्र अधिकारी,  
जोसही रेंज  
अल्मोड़ा वन प्रभाग

## Comparative Statement of various Alignment for Construction of Gughti Kailani motor Road Under State Sector

Name of Division : Provincial Division Division, P.W.D. Ranikhet

Sl.No	Item	Alignment - 01	Alignment - 02	Alignment - 03
1	2	3	4	5
	<i>Detail of Root and Topography of The Road</i>	As Per L- Section & Map Attached.	As Per L- Section & Map Attached.	As Per L- Section & Map Attached.
1.	Main features & description of the Alignment	Hill road alignment the road start from Km. 3 of Deghat Bungidhar Motor Road & Finish at Gugti Village	Hill road alignment the road start from Km. 3 of Deghat Bungidhar Motor Road & Finish at Gugti Village	Hill road alignment the road start from Km. 3 of Deghat Bungidhar Motor Road & Finish at Gugti Village
	Length of Alignment from Starting to terminal Point	10.00 Km.	10.00 Km.	6.00 Km.
	<i>Geometrics</i>			
3.	a) Gradients in Different stretches of the Alignment (as per enclosed L- Section)	. Gradient 1:24 RISE, LEVEL	. Gradient 1:20 RISE, 1:22 RISE	. Gradient 1:22 RISE, 1:24RISE, Level
		1:60 RISE, Level	1:60 RISE	Level
	Radius of Curves	1.60- 1 : 20 R, 1: 15 R, 1 : 120 R	1.60- 1 : 20 R, 1: 15 R, 1 : 120 R	1.60- 1 : 20 R, 1: 15 R, 1 : 120 R
	b) Curves and Hairpin Bends etc. (in No.)	4 No.	4 No.	1 No.
4.	<i>Traffic &amp; Soil Conditions :-</i>			
	a) Geological category of area	Hill	Hill	Hill
	b) Road length passing through			
	i. Mountainous terrain (X- slopes 25% to 60%)	8.00 Km.	8.00 Km.	6.00 Km.
	ii. Steep terrain (X- slopes more than 60%)	2.00 Km.	2.00 Km.	
	iii. Rocky Stretches with indication of length in loose Rock streches.	-Nil-	-Nil-	-Nil-
	iv. Area Subject to avalanches & Snow Cliffs.	-Nil-	-Nil-	-Nil-
5.	<i>Nature of Soil</i>			

प्रमाणित एवं प्रमाणित प्रमाणित

7/11

सहायक अभियन्ता  
प्रान्तीय खण्ड, लो०नि०बिभाग  
रानीखेत



Sl.No	Item	Alignment - 01	Alignment - 02	Alignment - 03
1	2	3	4	5
1	a. Length of Reaches with E&B	30%.	30%.	30%.
	b. Length of Reaches with Medium Rock/ Shale	30%	30%	30%
	c. Length of Reaches with Hard Rock / Shale	20%	20%	20%
	d. Length of Reaches with Homo Rock	20%	20%	20%
	Type of Land			
	a. Civil Soyam land			
	b. Private land			
	c. Reserve Forest	0.00	0.00	0.00
6	<b>Bridges Requirement</b>			
	i) Minor Bridge	-Nil-	-Nil-	-Nil-
	a. Total No.	Nil	3 Nos.	Nil.
	b. Range of Span		28.00 Mtr.	
	c. Total Water Ways	N.A.	N.A.	N.A.
	ii) Major Bridge			
	a. Total No.	-	-	-
	b. Range of Span	-	-	-
	c. Total Water Ways	-	-	-
7.	a) General Elevation of the road indications maximum and height negotiated	1550.00 to 1525.00 m.	1550.00 to 1525.00 m.	1550.00 to 1525.00 m.
	b) Total No. of Ascends and Descends	A = 2, D = 2	A = 2, D = 2	A = 2, D = 2
	c) Length of Cliffs and Garages	-Nil-	--	--
8.	a) Right of Way bringing out construction on account of built up area, monument & other Structures.	-Nil-	--	--
	b) Approximate area and Value			
	i. Cultivated	1.20 Hect.	1.20 Hect.	1.20 Hect.
	ii. Irrigated	-	-	-
	iii. Un- Irrigated	1.20 Hect.	1.20 Hect.	1.20 Hect.
9.	Existing means of Inter Communication Mule Path, Jeep, Tracks etc.	Foot Track/ Mule path	Foot Track/ Mule path	Foot Track/ Mule path

Sl.No	Item	Alignment - 01 3	Alignment - 02 4	Alignment - 03 5
1	2			
10.	Availability of Road Construction Materials	Stone locally available	Stone locally available	Stone locally available
11.	Location of Quarries	-Nil-	-Nil-	-Nil-
12.	Facilities / Recourses	Agricultural Land	Agricultural Land	Agricultural Land
	a. Landing Ground			
	b. Dropping Zone			
	c. Food Stuffs	Not available	Not available	Not available
	d. Labour Local availabilities & need of import.	Not available	Not available	Not available
	e. Construction Materials Timber, Bamboo, Sand Stone, Shingle etc. extent of their availability of and lead involved.	Stone Only	Stone Only	Stone Only
	f. Access point	Deghat Bungidhar Motar Road	Deghat Bungidhar Motar Road	Deghat Bungidhar Motar Road
13.	Climatic Conditions			
	a. Temperature max. and Min. Readings	0 °C to 30 °C	0 °C to 30 °C	0 °C to 30 °C
	b. Rain Fall Data, Avg. Annual Peak intensities monthly distribution to the extent available length of road covered by snow (Avg. and Velocity)	Data not available	Data not available	Data not available
	c. Winds Direction and Velocity	Normal	Normal	Normal
	d. Fogs Conditions	Normal	Normal	Normal
	e. Exposure to Sun	Sunny face	Sunny face	Sunny face
	f. Drainage Conditions of the area i/c Susceptibilities to damages.	Self drainage	Self drainage	Self drainage
14.	Length of Land Slides	---	---	---
15.	length at unstable Area	---	---	---
16.	length of heavy Clearing	---	---	---
17.	Length of Marshy or Flood Area	NIL	NIL	NIL
18.	Length of portions with Loose Rocks	NIL	NIL	NIL



Sl.No	Item	Alignment - 01	Alignment - 02	Alignment - 03
	2	3	4	5
1				
19.	Period required for Constructions	1 Year after T.S.	1 Year after T.S.	1 Year after T.S.
20.	Vegetations extents and Type	Natural shrubs & cultivated ground	Natural shrubs & cultivated ground	Natural shrubs & cultivated ground
21.	<i>Political Aspects</i>			
	a. Village Falling on	---	---	---
	b. 1 km of the Alignment	---	---	---
	c. Km 1 to End of the Alignment	Gughiti	Gughiti	Gughiti
	d. important villages, town (Marketing Center Connected)	Surmoli, Kailani & Deghat	Surmoli, Kailani & Deghat	Surmoli, Kailani & Deghat
22.	Economic & Industrial Consideration	Good for economical development	Good for economical development	Good for economical development
23.	populations served by the alignment	---	---	---
24.	Recreational potential for development of tourism	---	---	---
25.	Scope of Agriculture & horticulture development.	Agriculture & Harticulture will be developed in the area after road construction	Agriculture & Harticulture will be developed in the area after road construction	Agriculture & Harticulture will be developed in the area after road construction
26.	Extent of Forest weather	NIL	NIL	NIL
27.	Prospect at development of minor or any other major development project being taken up is the area Hydle Electrical Projects	---	---	---
28.	Approximate cost of Construction at each Alignment	---	---	---
29.	MERITS & DEMERITS			
	Merits:-	Less Harm to Forest	Easy Construction & less Construction cost	Easy Construction & less Construction cost
	Demerits :-	Damage to private Agriculrl land	Major harm to Forest	More private land

Sl.No	Item	Alignment - 01	Alignment - 02	Alignment - 03
1	2	3	4	5
30.	Recommendation of the Executive Engineer with reasons	Alignment already sansactioned earlier but refused by the villager later.	Alignment is rejected as local people not agreed on this alignment.	Alignment is recommended for sansaction as the local villagers are agree with the alignment
31.	Order of the Superintending Engineer with reason			

J.E.  
Provincial Division  
PWD Ranikhet

A.E.  
Provincial Division  
PWD Ranikhet

P.E.  
Provincial Division  
PWD Ranikhet

S.E.  
1 st Circle PWD  
Almora