

2.4

परियोजना का नाम :- पीपनाकोला-रणकुना-गोहाली मोटर मार्ग का निर्माण।
(14.500 किमी.), 4.185 है०।

वैकल्पिक समरेखणों को निरस्त किये जाने का प्रमाण-पत्र

प्रस्तावित परियोजना हेतु दो समरेखणों पर विचार किया गया। समरेखण संख्या-2 हेयर पिन बैण्ड 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 बैण्ड, 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।



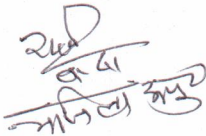
कनिष्ठ अभियन्ता
प्रान्तीय खण्ड, लोक निर्माण विभाग,
रानीखेत

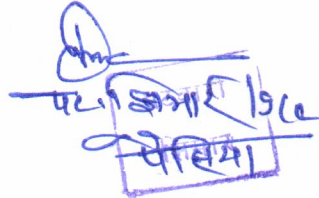


सहायक अभियन्ता,
प्रान्तीय खण्ड, लोक निर्माण विभाग,
रानीखेत

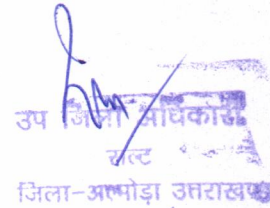


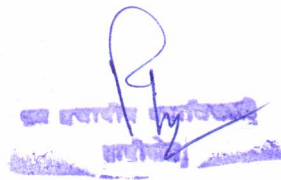
अधिराशी अभियन्ता,
प्रान्तीय खण्ड, लोक निर्माण विभाग,
रानीखेत

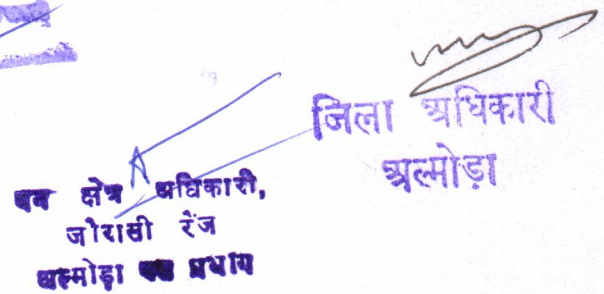

प. क. शर्मा
जिला अभियन्ता


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जिला अभियन्ता


उप जिला अधिकारी,
जिला-अम्बोड़ा उत्तराखण्ड


जिला अभियन्ता


जिला अधिकारी
अम्बोड़ा
जिला अधिकारी,
जोरासी रेंज
अम्बोड़ा उत्तराखण्ड

COMPARATIVE STATEMENT OF VARIOUS ALIGNMENT

Name of Work :- Construction of Pipna-Kola-Rankuna-Gohali(Maidali) Motor Road (Length : - 14.50 Km.).

Sl. NO.	ITEM	ALIGNMENT MARKED 1(Red)	ALIGNMENT MARKED 2(Green)
	Details of routes, vis-à-vis, Topography of the area		
1-	Main feature and description of alignment .	As per attached sheet& L- Section	As per attached sheet& L- Section
2-	Length of the alignment from starting point to terminal point.	14.5	15.00 km
3-	Geometric		
A.	Gradient in different stretches of the alignment	1:20 Fall, 1:20 R, 1:24 R & 1:20F	1:20 Fall, 1:20 R & 1:20F
B.	Curve and hair pin band.	4 Nos.	6 Nos.
4-A.	<u>Terrain and soil condition</u>		
1	Geology of road.	E&B/HR&HS/VHS&VHR	E&B/HR&HS/VHS&VHR
B.	<u>Road length passing through.</u>		
1	Mountainous terrain cross slope from 25 to 60	5 KM	6.00 km
2	Sleep terrain cross greater than 60	3 KM	4.00 km
3	Rocky stretches with indication in length in loose.	NIL	NIL
4	Area to subject to avalanches and snow drifts.	NIL	NIL
5-	<u>Nature of Soil</u>		
A.	Length of reaches with earth and boulder.	7.00 km	6.00 km
B.	Length of reaches with MR&MS	NIL	NIL
C.	Length of reaches with HR&HS	4.00 KM	5.00 km
D.	Length of reaches with VHR&VHS	3.50 KM	4.00 km
6-	<u>Bridge requirement</u>		
A.	<u>Minor bridge</u>		
i	Total number	N/A	NIL
ii	Range of span	NIL - 15m	NIL
B.	<u>Major Bridge</u>		
i	Total number	Two	Two
ii	Range of span	15-30 Meter	15 & 30 Meter
7	General elevation of the road indicating maximum and minimum heights negotiated by main ascents and descents.	L-Section Attached	L-Section Attached

[Signature]

सहायक अभियन्ता
राष्ट्रीय बण्ड, राजमिर्माणा विभाग, रांची जिला
महाराष्ट्र

Sl. NO.	ITEM	ALIGNMENT MARKED 1(Red)	ALIGNMENT MARKED 2(Green)
8	Total number of ascents and descents.	NIL	NIL
9	Construction material, timber, bamboo, sand stone, shingle, grits, etc.	Available from quarry proposed	Available from quarry proposed
10	Access point indication possibility of equipment.	NIL	NIL
11	Climate condition		
A.	Temperature Maximum & minimum	30° C to 5° C	30° C to 5° C
B.	Rainfall Data average annual peak intensities, monthly distribution To the extent available	(Not available) but approximate 300 Cm	(Not available) but approximate 300 Cm
C	Length of road covered show, Average and period	NIL	NIL
D	Wind direction and velocity	Normal	Normal
E	Fog condition	During Rainy Season	During Rainy Season
F	Exposure to sun	In maximum length	In maximum length
12	Drainage characteristics of the area indicating susceptibility to damage.	Sloppy & drainage in fair	Sloppy & drainage in fair
13	Length of land sides.	NIL	NIL
14	Length of unstable area.	NIL	NIL
15	Length of heavy snow clearing.	NIL	NIL
16	Length of marshy & flooded areas.	NIL	NIL
17	Length of positions with loose rocks	NIL	NIL
18	Period required for construction	1 & 1/2 Year (18 month)	2 Year (24 month)
19	Vegetation extent/Type.		
20	Critical Expects		
A.	Village following on or within.	1 to 14.50 km.	1 to 15
i	1 km of the alignment	As per L- Section	As per L- Section
ii	1 km to 6 km of the alignment	As per L- Section	As per L- Section
21	Important village, town/marketing center connected.	Pipna, Jhipa, Kola, Talla Rankuna, Kota Jhimar, Kaikholi, Thaien'Ashwal Bhakhali & Maidali	Pipna, Jhipa, Kola, Talla Rankuna, Kota Jhimar, Kaikholi, Thaien'Ashwal Bhakhali & Maidali
22	Economics & Industrial consideration:		
i	Population served by alignment.	1400	1320
ii	Agriculture , potential for development of forest.	Good scope of Fruits , vegetable & cereals	Good scope of Fruits , vegetable & cereals
23	Scope of agriculture and horticulture development.	Good scope of horticulture & agriculture	Good scope of horticulture & agriculture

[Signature]

सहायक संचालक (सुदूर)
राष्ट्रीय सड़क, कोलकाता, रानीबेर
मुख्यालय - रामनगर

Sl. NO.	ITEM	ALIGNMENT MARKED 1(Red)	ALIGNMENT MARKED 2(Green)
24	Extent to forest wealth.	Good	Good
25	Prospects of development of minor or any other major development project being taken up in the O.S. Hydro Electrical Project.	Nil	Nil
26	Approximate cost of construction.	Rs. 300.00 lacs	Rs. 310.00 Lacs
27	Merits and Demerits		
A.	Merits		
		1. Less harm to forest	1. harm to forest
		2. Shortest route to connect all villages.	2. Longest route to connect all villages.
		3. General people in favour of this.	
		4. Easy construction & less construction cost.	
B	Demerits		
		1. General people are in favour of this alignment.	1. General people are not in favour of this alignment.
		2. During construction damages of land, property & 5.00 km length forest panchat land.	2. During construction damages of property 6.00 Km. forest panchat land.
28	Any other useful information (Viz. other important projects being undertaken in the area required for completion of the work.	This road connects 13 villages.	This road connects 12 villages.
29	Recommendation of the Executive Engineer.	Alignment no. 1 marked in red colour is recommended for sanction/approved pl.	Alignment no. 2 marked in green colour is recommended for rejection pl.
30	Order of the Superintending Engineer with reason.		


 JE
 Provincial, Division. P.W.D. Ranikhet
 H.Q. - Ramnagar


 Asst. Engineer (IV)
 Provincial, Division. P.W.D. Ranikhet
 H.Q. - Ramnagar


 Executive Engineer
 Provincial, Division. P.W.D. Ranikhet
 31/11/22