

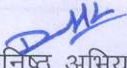
परियोजना का नाम:— जनपद चमोली के विकास खण्ड घाट में
घाट-रामणी मोटर मार्ग के ग्राम कुरुड से
कुण्डबगड तक मोटर मार्ग का निर्माण कार्य।

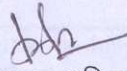
वैकल्पिक समरेखणों को निरस्त किये जाने का प्रमाण-पत्र।

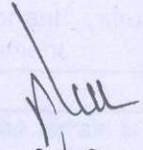
प्रस्तावित परियोजना हेतु दो समरेखणों पर विचार किया गया। समरेखण संख्या- दो
अधिक वृक्ष होने एवं वन भूमि के कारण निरस्त किया गया। एवं समरेखण संख्या एक कम वृक्ष
एवं एच.पी. बैण्ड कम होने के कारण उचित पाया गया जो कि प्रस्तावित है।

समरेखण नम्बर 1— उपयुक्त

समरेखण नम्बर 2— निरस्त


कनिष्ठ अभियन्ता
लो.नि.वि.
कर्णप्रयाग


सहायक अभियन्ता
लो.नि.वि.


अधिशासी अभियन्ता
प्रान्तीय खण्ड लो.नि.वि.
कर्णप्रयाग

Performa for comparison between identified alignments

Page 1 of 4

कार्य का नाम :- घाट रामणी मोटर मार्ग के ग्राम कुरुड से कुण्डबगड तक मोटर मार्ग का निर्माण।

Sl.No	Variables	Alignment No-1	Alignment No-2																																																										
1	2	3	4																																																										
1	Topography	Road start from ghat ramni Motor Road Km. 08.	Same as Alignment No. 1.																																																										
2	Length of Road	1.00 Km	1.00 Km																																																										
3	Bridging requirement No. and Length	Nil	Nil																																																										
4	Geometric																																																												
	(a) Gradients	1:17, 1:20, 1:24& 1:40	1:15, 1:17 & 1:20																																																										
	(b) Curves, H.P Bends	Numbers of 2 HP Bands	Numbers of 4 HP Bands																																																										
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule Path & Foot Tracks	Mule Path & Foot Tracks																																																										
6	Right of way, bringing out construction on account of built up areas, monuments and other structures.	Right of way is available for carrying out the construction work. There are no built up area, monuments of other important structures along this alignment.	Right of way is available for carrying out the construction work. There are no built up area, monuments of other important structures along this alignment.																																																										
7	Terrain & Soil Condition																																																												
	(i) Nature of soil	(i) The terrain is hilly and the soil is a mix of Earth and Boulders, Soft Roack, Hard Rock & Very Hard Rock	(i) The terrain is hilly and the soil is a mix of Earth and Boulders, Soft Roack, Hard Rock & Very Hard Rock																																																										
	(ii) Cliffs and gorges.	(ii) None	(ii) None																																																										
	(iii) Drainage characteristics of the area including supceptibility to flooding	(iii) The Natural Drainage characteristics of the area is good and there is no susceptibility to flooding	(iii) The Natural Drainage characteristics of the area is good and there is no susceptibility to flooding																																																										
	(vi) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends	(iv) The elevation at the starting point of the road is .00 m and the elevation at the end point of the road is .00 m. Thus the road achieves a height of .00 m.	(iv) The elevation at the starting point of the road is .00 m and the elevation at the end point of the road is .00 m. Thus the road achieves a height of .00 m.																																																										
	(v) Variations extants and types	Nil	Nil																																																										
8	Climate Condition																																																												
	(a) Temperature Monthly max. & min. reading.	(a) Temperature Monthly max. & Min. reading.	(a) Temperature Monthly max. & Min. reading.																																																										
		<table><tr><th rowspan="2">Month</th><th colspan="2">Temperature (in °C)</th></tr><tr><th>Max.</th><th>Min.</th></tr><tr><td>January</td><td>20</td><td>-1</td></tr><tr><td>February</td><td>25</td><td>8</td></tr><tr><td>March</td><td>28</td><td>10</td></tr><tr><td>April</td><td>30</td><td>15</td></tr><tr><td>May</td><td>35</td><td>20</td></tr><tr><td>June</td><td>38</td><td>24</td></tr><tr><td>July</td><td>34</td><td>19</td></tr><tr><td>August</td><td>28</td><td>17</td></tr></table>	Month	Temperature (in °C)		Max.	Min.	January	20	-1	February	25	8	March	28	10	April	30	15	May	35	20	June	38	24	July	34	19	August	28	17	<table><tr><th rowspan="2">Month</th><th colspan="2">Temperature (in °C)</th></tr><tr><th>Max.</th><th>Min.</th></tr><tr><td>January</td><td>20</td><td>-1</td></tr><tr><td>February</td><td>25</td><td>8</td></tr><tr><td>March</td><td>28</td><td>10</td></tr><tr><td>April</td><td>28</td><td>15</td></tr><tr><td>May</td><td>35</td><td>20</td></tr><tr><td>June</td><td>38</td><td>24</td></tr><tr><td>July</td><td>34</td><td>19</td></tr><tr><td>August</td><td>28</td><td>17</td></tr></table>	Month	Temperature (in °C)		Max.	Min.	January	20	-1	February	25	8	March	28	10	April	28	15	May	35	20	June	38	24	July	34	19	August	28	17
Month	Temperature (in °C)																																																												
	Max.	Min.																																																											
January	20	-1																																																											
February	25	8																																																											
March	28	10																																																											
April	30	15																																																											
May	35	20																																																											
June	38	24																																																											
July	34	19																																																											
August	28	17																																																											
Month	Temperature (in °C)																																																												
	Max.	Min.																																																											
January	20	-1																																																											
February	25	8																																																											
March	28	10																																																											
April	28	15																																																											
May	35	20																																																											
June	38	24																																																											
July	34	19																																																											
August	28	17																																																											

Performa for comparison between identified alignments

Page 2 of 4

कार्य का नाम :- घाट रामणी मोटर मार्ग के ग्राम कुरुड से कुण्डबगड तक मोटर मार्ग का निर्माण।

Sl.No	Variables	Alignment No-1			Alignment No-2		
1	2	3			4		
(b) Rainfall data average annual peak intensities monthly distribution (to the extent available)	(b) Rainfall data average annual peak intensities monthly distribution (to the extent available)	September	28	13	September	28	13
		October	18	9	October	18	9
		November	21	5	November	21	5
		December	18	-1	December	18	-1
		(b) Rainfall data average annual peak intensities monthly distribution			(b) Rainfall data average annual peak intensities monthly distribution		
		Month	Average Rainfall data (in mm)		Month	Average Rainfall data (in mm)	
		January			January	50	
		February	33		February	33	
		March	28		March	28	
		April	25		April	25	
		May	20		May	20	
		June	161		June	161	
		July	350		July	350	
		August	305		August	305	
		September	210		September	210	
		October	90		October	90	
		November	7		November	7	
		December	40		December	40	
(c) Snowfall data average annual peak intensities monthly distribution (to the extent available)	(c) Snowfall data average annual peak intensities monthly distribution (to the extent available)	(c) Snowfall fall data average annual peak intensities monthly distribution			(c) Snowfall fall data average annual peak intensities monthly distribution		
		Month	Average Snowfall data (in mm)		Month	Average Snowfall data (in mm)	
		January	60		January	80	
		February	10		February	12	
		March	-		March	-	
		April	-		April	-	
		May	-		May	-	
		June	-		June	-	
		July	-		July	-	
		August	-		August	-	
		September	-		September	-	
		October	-		October	-	
		November	-		November	-	
		December	80		December	100	
		(d) Towards north – east @ 20 km / h			(d) Towards north – east @ 20 km / h		
		(d) Wind direction and velocities.			(d) Towards north – east @ 20 km / h		

Performa for comparison between identified alignments

Page 3 of 4

कार्य का नाम :- घाट रामणी मोटर मार्ग के ग्राम कुरुड से कुण्डबगड तक मोटर मार्ग का निर्माण।

Sl.No	Variables	Alignment No-1	Alignment No-2
1	2	3	4
	(e) Fog Condition	(e) Nil	(e) Nil
	(f) Exposure to sun	(f) The site is exposed to sun throughout the year.	(f) The site is exposed to sun throughout the year. Except 2 to Months.
	(g) Unusual weather condition like cloud burst etc	(g) There is no record of unusual weather condition like cloud burst in the area where the site is located.	(g) There is no record of unusual weather condition like cloud burst in the area where the site is located.
9	Facilities resources.		
	(a) Landing ground.	(a) None	(a) None
	(b) Dropping Zone.	(b) At site	(b) At site
	(c) Food stuffs.	(c) Lehsoun, Dhan, Grehun, Aloo, Green Vegetable, Onion etc	(c) Lehsoun, Dhan, Grehun, Aloo, Green Vegetable, Onion etc
	(d) Labour local availability and need for import.	(d) Local labour is available for construction work.	(d) Local labour is available for construction work.
	(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved	(e) Stone require for the construction work shall be made available locally as it shall be obtained from hill side cutting, However, Sand required for the construction work shall be procured from the approved quarry.	(e) Stone require for the construction work shall be made available locally as it shall be obtained from hill side cutting, However, Sand required for the construction work shall be procured from the approved quarry.
10	Value of land, agricultural land, irrigated land, built up land, forest land etc,	Value of the land required for the construction of the road in this alignment is as under- As per current Govt. Rate	Value of the land required for the construction of the road in this alignment is as under- As per current Govt. Rate
11	Approximate Const. Cost.	Rs.50.00 Lacs	Rs. 70.00 Lacs
12	Access point indicating possibility of induction of equipment.	Access point available for induction of equipment	Access point available for induction of equipment
13	Period required for construction.	10 Months	14Months
14	Strategic Consideration.	Deployment of skilled manpower and efficient equipment/ Machinery shall be made for completion of the project.	Deployment of skilled manpower and efficient equipment/ Machinery shall be made for completion of the project.
15	Important villages, towns and markets centers to be connected.	The road shall provide connectivity to village Khadgoli and kameda with a population of numbers.	The road shall provide connectivity to village khadgoli and kameda a population of numbers.
16	Recreational potential.	Nil	Nil
17	Economic Factors:		

Performa for comparison between identified alignments

Page 4 of 4

र्य का नाम :- घाट रामणी मोटर मार्ग के ग्राम कुरुड से कुण्डबगड तक मोटर मार्ग का निर्माण।

No	Variables	Alignment No-1	Alignment No-2
1	2	3	4
	(a) Population served by the alignment.	(a) 700	(a) 700
	(b) Agricultures and economic potential of the area.	(b) Transporation lof the cultivated crops by mechanical means (i.e. through road) shall enhance the economical condition of the people residing in this area. Potential of the development of animal husbandry.	(b) Transporation lof the cultivate crops by mechanical means (i.e. through road) shall enhance the economical condition of the people residing in this area. Potential of the development of animal husbandry.
18	other major development projects being taken up electric projects etc.	None	None
19	(i) Misc. Such as camping sites	(i) Nil	(i) Nil
	(ii) Law and other problem	(ii) There is no significant law and order problem in the area and the loacl administration takes care of such matters.	(ii) There is no significant law and order problem in the area and the loacl administration takes care of such matters.
	(iii) Royalty	(iii) Royalty is paid to the Revenue Department.	(iii) Royalty is paid to the Revenue Department.
	(iv) Availability of contractors for collection and carriage of construction material	(iv) Available	(iv) Available
	(v) working period available for construction of work.	(v) 0 Months	(v) 0 Months
20	Total No. of Trees to be removed .	8 Numbers	15 Approximately Numbers
21	Average Density of forest cover .	Nil	Nil

RECOMMENDATIONS :

Alignment no.-1 is recommended for approval being more economical, useful & technically feasible.

J.E

कनिष्ठ अभियन्ता
प्रान्तीय खण्ड लो० नि० वि०
कर्णप्रयाग

सहायक अभियन्ता (प्रथम)
प्रान्तीय खण्ड लो० नि० वि०
कर्णप्रयाग

अधिशारी अभियन्ता
प्रान्तीय खण्ड लो० नि० वि०
कर्णप्रयाग