

COMPARATIVE STATEMENT

जनपद उत्तरकाशी में गंगराली पुल (सरनौल) से सरबदियार तक मोटर मार्ग के निर्माण (लम्बाई 9.50कि०मी०) हेतु 4.284 है० वन भूमि के समन्वय में।
(FP/UK/ROAD/18078/2016)

S.L.	Item	Alignment No 1	Alignment No 2
1	2	3	4
1	Details of route, Vis-a Vis, topography of the area.	Starting from chainage 2.50 km Gangrali pul to sarbadiyar Motar Road	Starting from chainage 2.50 km Gangrali pul to sarbadiyar Motar Road
2	Main features and description of the alignment.	As per mention in report & Joint inspection report	As per mention in report & Joint inspection report
	Length of the alignment from starting point to terminal point.	9.500 Km.	9.900 Km.
3	Gradient		
	(A) Gradient in different stretches of the alignment.	1:20R & 1:40R 1:24R & level	1:20F & 1:20R, 1:18R, 1:24R & level
	(B) Curves and hair pin bends.	6 Hair Pin Bend	8 Hair pin bend
4	Terrain and soil condition.		
	(A) Geology of the road.	Soil Mixed with boulders and hard shale	Soil Mixed with boulders, hard shale and very hard shale
	(B) Road length passing through		
	1. Mountain terrain cross slope from 10 ° to 25 °	0.000 Km	0.000 Km
	2. Mountain terrain cross slope from 25 ° to 60 °	4.500 Km	4.500 Km
	(3) Steep terrain cross slope greater than 60	5.000 Km	5.400 Km
	(4) Rocky stretches with indication of length in loose rocky stretches.	Nil	Nil

S.L.	Item	Alignment No 1	Alignment No 2
1	2	3	4
	(5) Area subject to avalanches and snow shifts.	2 km	2 km
5	Nature of Land		
	(A) Length of reaches with earth and boulders.	9.300 Km	8.500 Km
	(B) Length of reaches with hard rock / shale .	0.200 Km	0.900 Km
	(C) Length of reaches with V.H.R& V.H.S.	0.000 Km	0.500 Km
6	Bridge Requirements		
	(A) Minor bridge	nil	nil
	(B) Major Bridge	- 1 NO.	- 1 NO.
	(C) Total no of Bridge	- 1 No.	- 1 No.
	(D) Rang of span.	- 45 metre	- 72 metre
	General elevation of the road indicating maximum & minimum height negotiated by main ascends & descends .		
	(A) Total number of ascends and descends.	Throughout rise, level Grade	Two Ascends & One descends .
	(B) Height of different gorges.	nil	nil

1	Item	2	3	4
		Alignment No 1	Alignment No 2	
	Height of way bringing out construction on account of built up area monument and other structure			
	(B) approximate area and values			
	(1) Cultivated.			
	(2) Irrigated.	4.156 hect.		
	(3) Un irrigated.	nill	4.156hect.	
	(4) civil soyam+ van pyanchayat	4.156 hect.	nill	
	(5) forest land	2.814hect.	4.156 hect.	
	(6) Existing means of their communication mule path and jeepable road etc.	1.47hect.	2.94 hect.	
	(7) Relation of proposed alignment with existing road.	Foot Track and mule path	1.47hect.	Foot Track and mule path
	Facilities /resources	New connectivity		New connectivity
	(A) Landing round.	nill		
	(B) Dropping zone	nill	nill	
	(8) Food stumps	nill	nill	
	(9) Local labour available	Labour available locally	nill	
	(10) Availability of road construction material.	Barkot	Labour available locally	
	(11) Location of quarry	Locally available	Barkot	
	(12) Average leads	1 km	Locally available	
	Access point indicating possibility of induction of equipment.	with in 10.00 Km	1 km	with in 10.00 Km

S.L.	Item	Alignment No 1		Alignment No 2
1	2	3	4	
13	Climate condition .			
	(A) Temperature monthly maximum and minimum	0° c to 35 ° c	0° c to 35 ° c	
	(B) Rain fall .	Average	Average	
	(c) Wind direction and velocity.	No certain direction	No certain direction	
	(D) Fog condition .	Normal	Normal	
	(E) Exposure to sun .	Full	Full	
	(F) Drainage characteristic of the area including susceptibility of damage .	Good, Nature drainage	Good, Nature drainage	
14	Length of land slides .	Nil	Nil	
15	Length of unstable land.	nil	nil	
16	Length of heavy snow covering	2.00 km	2.00 km	
17	Length of moray of flood area.	nil	nil	
18	Length of loose portion .	Nil	Nil	
19	Vegetation extends type .	Nil	Nil	
20	Political aspect	Very High	Very High	

Item		Alignment No 1	Alignment No 2
21	village falling on terrain		
	(A) village on or with in		
	1. with in 0.00 – 6.000 km of the alignment		4
	2. with in 6.00 – 9.500 km of the alignment	Kimdar, Pounti, chanika, Goul, levradi, Kaslon	Kimdar, Pounti, chanika, Goul, levradi, Kaslon
	(B) Name of important village, town, marketing center, other centers connected	Connects different clusters digadi, sar village in different reach with in entire length.	Connects different clusters digadi, sar village in different reach with in entire length.
22	Strategic condition .		
23	economic & industrials consideration	Satisfactory .	Satisfactory .
24	Population served by alignment	Normal	normal
25	Recreation potential& potential for development	Approximate 1500	Approximate 1500
26	Scope of agricultural or horticultural development	yes, many trak like as sarutal and many water fall	yes, many trak like as sarutal and many water fall
27	Extent of forest wealth .	Bright	Bright
28	Possibility of development of miner or any other major	good	good
29	Approximate cost of construction of each Alignment @71.00lacs/km	Bright	Bright
30	Year required for construction .	Rs. 674.50 Lacs	Rs. 702.90 Lacs
		2 year .	2 year

Item		Alignment No 1		Alignment No 2
2		3		4
31		Merits and Demerits		
(A) Alignment-1 (Shown in Red on toposheet)		Merits	Demerits	
		1. Alignment accepted by villagers and their elected representative. 2. Length of Road in shorter side. 3. Number of H.P. Bends are less (6 nos) 4. Number of affected Oak tress is comparatively less than alignment -2	-	
(B) Alignment-2 (Shown in Green on toposheet)			1. Alignment Didn't accepted by villagers and their elected representative. 2. Increasing of forest land length of road and also total length. 3. Two More H.P. Bends provided 4. Allignment passes comparatively hard and vertical strata in more reach 5. Oak tress falling higher than alignment -1	
32	Relation of proposed alignment with existing and road under Construction	Starting from chainage 2.50 km Gangrali pul to sarbadiyar Motar Road	Starting from chainage 2.50 km Gangrali pul to sarbadiyar Motar Road	
33	Positions of Quarry	locally Available	locally Available	

Any other useful information viz. Other Important

Any other useful information viz. Other Important	Alignment No 1	Alignment No 2
	<p>3</p> <p>इस समरेखण से सभी ग्रामवासियों द्वारा सहमति जताई गई। सामाजिक आवश्यकता, परिस्थितिक आवश्यकता, आर्थिक मितव्यता तथा तकनीकी सर्वथा उपयुक्त पाया गया है। उसमें 3380(मी०) वन भूमि, 4020(मी०) सिविल भूमि से, 0000(मी०) वन पंचायत से, 2100(मी०) आरक्षित वन भूमि प्रभावित होगी एवं इस समरेखण/स्थल के चयन में 3.042 हे० नाप भूमि 2.814 हे० सिविल भूमि 0.000 हे० वन पंचायत भूमि 1.47 हे० आरक्षित वन भूमि व मक डिस्पोजल हेतु नाप भूमि 1.114हे० की आवश्यकता होगी। जिनमें से कुल 8.44 हे० भूमि के हस्तान्तरण की आवश्यकता होगी। इस समरेखण पर/चुने गये स्थल पर 958 वृक्ष विभिन्न प्रजाति के इस परियोजना के निर्माण से प्रभावित होंगे, जिनमें से 149 बांज प्रजाति के प्रभावित होंगे।</p>	<p>4</p> <p>इस समरेखण से सभी ग्रामवासियों द्वारा सहमति नहीं जताई गई। सामाजिक आवश्यकता, परिस्थितिक आवश्यकता, आर्थिक मितव्यता तथा तकनीकी आवश्यकता के दृष्टि से जो समरेखण/स्थल सर्वथा उपयुक्त नहीं पाया गया है। उसमें 3380 (मी०) नाप भूमि, 4200 (मी०) सिविल भूमि से, 0.00(मी०) वन पंचायत से, 2100(मी०) आरक्षित वन भूमि प्रभावित होगी एवं इस समरेखण/स्थल के चयन में कुल 3.042 हे० नाप भूमि 2.94 हे० सिविल भूमि 0.00 हे० वन पंचायत भूमि 1.47 हे० आरक्षित वन भूमि व मक डिस्पोजल हेतु नाप भूमि 1.114हे० की आवश्यकता होगी। जिनमें से कुल 8.566 हे० भूमि के हस्तान्तरण की आवश्यकता होगी। इस समरेखण पर/चुने गये स्थल पर लगभग 1080 वृक्ष विभिन्न प्रजाति के इस परियोजना के निर्माण से प्रभावित होंगे, जिनमें से 200 बांज प्रजाति के प्रभावित होंगे।</p>
35	Recommendations of Executive Engineering	Alignment-2 (Shown in green on contour map) is not Recommended for Approvals

Junior Engineer

Assistant Engineer

Executive Engineer

वन क्षेत्राधिकारी
कृष्णनौद रेज
गयाणी

प्रमोद कुमार
अपर उपनिवेश प्रसा
बरेली