


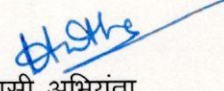
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प्रपत्र-13


परियोजना का नाम:- राज्य योजना में जनपद बागेश्वर में बैजनाथ-बागेश्वर मोटर मार्ग के कि.मी. 17 से मन्थूना होते हुए नरगवाड़ी तक मोटर मार्ग का निर्माण।

वैकल्पिक संरेखण निरस्त किये जाने का प्रमाण पत्र।

प्रमाणित किया जाता है कि परियोजना हेतु विभिन्न उपलब्ध विकल्पों पर विचार किया गया व वर्तमान विकल्प को सर्वदा उपयुक्त पाया गया।

  
प्रभासी व नाथिकारी,  
बागेश्वर व न. प्रभाग,  
बागेश्वर.

  
अधिशाली अभियंता  
प्रान्तीय खंड, लो0नि0वि0  
बागेश्वर


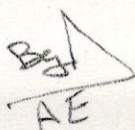
  
उप प्रभासी व नाथिकारी,  
बागेश्वर



(12)

**ALIGNMENT REPORT OF MOTOR ROAD FROM BAIJANATH-BAGESHWAR MOTOR ROAD KM 17 GAGRIGOL TO MANYURA-NARGWARI MOTOR ROAD.**

SL No.	Description of items	Alignment No.1 marked in Red color	Alignment No.2 marked in green color	Remarks
1	2	3	4	5
1	Main features of Alignments	Start from Km 17 of Baijnath Bageshwar motor road .	Start from Km 17 of Baijnath Bageshwar motor road .	
2	Length of road from starting to terminal point.	2.625 Km	2.625 Km	
3	Geometric (a) Gradient in different stretches of the alignment. (b) Curves (c) Hair pin bend numbers	1:18R 1:24R, 1:20R,  As per IRC 1	1:18R 1:16R, 1:15R,  As per IRC 1	
4	Terrain & Soil conditions (a) Geology of the area (b) Road length passing through- (i) Mountainous terrain (Cross slop 25% to 60%) (ii) Steep terrain (cross slope more than 60%) (iii) Stretches with indications of loose rock conditions. (iv) Areas subjected to avalanches or snowdrifts.	Nap Land, civil land, Forest land  1.50 Km  .700  Nil  Nil	Nap Land, civil land, Forest land  1.00 Km  1.6.25 Km  Nil  Nil	
5	Nature of soil (a) Length of reaches with Earth & Boulders. (b) Length of reaches with hard rock/ hard shale. (c) Length of reaches with Medium rock/ Med. shale. (d) Homogeneous rocks.	1.500 km 0.200 Km 1.000 Km -	1.00 km 0.700 Km 1.000 Km -	
6	Requirements of Bridges/ Culverts/ Scuppers:- (a) Major bridges. (b) Minor bridges. (i) Total numbers. (ii) Total waterway. (c) Scuppers (R.C.C. slab type) (i) Total numbers. (ii) Range of span. (iii) Total waterway.	- - - -  18 No 1.00M	- - - -  18 No 1.00M	



7	General elevation of road including maximum & minimum heights by mean ascents & descents. (a) Total numbers of ascents & descents. (b) Length of cliffs & gorges. (c)	- -	- -	
8	Land available (a) Right of way bringing out constraints on account of built up area, monuments & other structures. (b) Approximate area & value of Cultivated. (i) Irrigated. (ii) Un- Irrigated.	- 1.600 Km 1.100 Km	- 1.400 Km 1.300 Km	
9	Existing means of intercommunication mule path, jeep, truck etc.	Feet track	Feet track	
10	Availability of road construction materials. (a) Location of quarry. (i) Sand. (ii) Stone. (b) Lead. (i) Sand (ii) Stone.	Locally available Locally available 4.000 Km 200 M	Locally available Locally available 4.000 Km 200 M -	
11	Facility / Resources. (a).... (b) Dropping zone (c) Food stuff. (d) Lab our local availability & lead for import. (c) Construction materials, timber bamboo, sand, stone, shingle etc. availability and lead involved. (d)	- - Locally & Nepali  Locally	- - Locally & Nepali  Locally	
12	A.C.C. points indicating possibility of equipment's.	Departmentally & Labours	Departmentally & Labours	

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BE  
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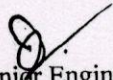


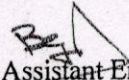
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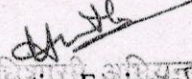
13	Climatic conditions. (a) Temperature maximum/ minimum. (b) Rainfall average, annual, peak intensity, monthly description to the extent possible. (c) Length of road covered by snow (average & peak) (d) Wind direction. (e) Fog conditions. (f) Exposure to sun.	Max 34 <sup>0</sup> c, Min 4 <sup>0</sup> c 100.00 mm Avg.  Nil East-West Dec., Jan Sunny Area	Max 34 <sup>0</sup> c, Min 4 <sup>0</sup> c 100.00 mm Avg.  Nil East-West Dec., Jan Sunny Area	
14	Drainage characteristic of the area indicating susceptibility of damages.	Fair	Fair	
15	Length of land slides.	Nil	Nil	
16	Length of heavy clouding.	Nil	Nil	
17	Length of marshy or flooded area.	Nil	Nil	
18	Length of portions with loose rock.	Nil	Nil	
19	Period required for construction.	12 month	12 month	
20	Vegetation extent type.	Mix	Mix	
21	Political aspects (villages falling within population) (a) 1 <sup>st</sup> . Km of the alignments. (b) 2 <sup>nd</sup> Km to 3 <sup>rd</sup> Km of the alignments	Gagrigol, Siri Manyura, Pitlakot, Nargwari	Gagrigol, Siri Manyura, Pitlakot, Nargwari	
22	Strategic considerations.	Fair	Fair	
23	Economical & Industrial considerations. (a) Population served by the alignment.	Good  2115	Good  2115	
24	Recreational potential for development.	Fair	-	
25	Scope of agricultural & horticultural development.	Fair	-	
26	Extent of forest wealth.	0.400 Km	0.400 Km	
27	Approximate cost of each alignment.	₹ 135.97 Lacs	₹ 135.97 Lacs	
28	Merits/ Demerits (i)	Due to Easy grade taken in Alignment no.1	Due to sharp grade Rejected Alignment no.2	
29	Any other important information, Other important projects being undertaken in the area required for completion of the work.	-	-	

Recommendation of Executive Engineer:- .

The alignment No. 1 is recommended for construction in view of the above facts

  
Junior Engineer

  
Assistant Engineer

  
Executive Engineer

Approval of Superintending Engineer.

Superintending Engineer.