

## सारांश

### प्रमाण - पत्र

प्रधानमंत्री ग्राम सड़क योजना के अन्तर्गत मासी-गैरखेत से परथोला मोटर मार्ग का निर्माण

संलग्न तुलनात्मक से स्पष्ट है कि संरेखण संख्या -1 जो कि लाल रंग से अंकित है, क्षेत्र की जनता की सुविधा एवं तकनीकी दृष्टि से उपयोगी है। इस संरेखण से जनता अधिक संतुष्ट है तथा किसी प्रकार के विवाद की संभावना नहीं है, क्योंकि समरेखण जनता की सहमति से किया गया है।

∴ संरेखण -1 जो कि लाल रंग से अंकित है को अनुमोदित करने की कृपा करें।

कनिष्ठ/अपर सहायक अभियन्ता  
पी०एम०जी०एस०वाई० खण्ड लो०नि०वि०  
सल्ट (अल्मोड़ा)

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पी०एम०जी०एस०वाई० खण्ड लो०नि०वि०  
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अधिशायी अभियन्ता  
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Sr. No.	Item	Alignment	
		Alignment 1	Alignment 2
22	Crident Aspect A Village following on or within. 6.000 Km. of the alignment.	2	2
23	Improtant villages, town/ marketing center connected.	Almora/Ramnagar	Almora/Ramnagar
24	Economic & industrial consideration. i Population served by alignment. ii Agriculture potential for development of forest. iii Recreational potential.	378 Good Will Increase	378 Good Will Increase
25	Strategic conditions.		
26	Scope of agriculture and Horticulture development.	Good	Good
27	Extent of forest welth.	Normal	Normal
28	Prospect of development of minor or any other major development project being taken up in the O.S. Hydro electric project.	Will Increase Rs lac.	Will Increase Rs lac.
29	Approximate cost of construction of each alignment	Rs lac.	Rs lac.
30	Merits & Demerits. A. Merits	1. Alignment Throught Nap land so that Villagers are agree with This . 2 . Length of road comes 6.000Km. hanse it is economical. 3. It H.P. Bands is 2 No.	
	B.De merits		1. Alignment Throught Nap land so that Villagers are agree with This . 2 . Length of road comes 6.900Km. hanse it is Uneconomical. 3. Passes trought slip zone hance is not safe . 3 It H.P. Bands is 4 No.
31	Any other Useful information (ViZ Other important project being undertaken in the area required for the completion of work)	Yet not in consideration	Yet not in consideration
32	Recommendation of Executive Engineer	Alignment no. 1 is recommended for approved.	
33	Order of the Superintending Engineer with reasons		

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निर्माण विभाग  
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	Item	Alignment	
		Alignment 1	Alignment 2
	Facilities / Resources		
	A. Landing ground	Nil	Nil
	B. Dropping Zone	Nil	Nil
	C. Food stuffs.	Almora	Almora
	D. Labour locally available or need of import.	50% Labours Available Locally and rest from Nepal	50% Labours Available Locally and rest from Nepal
	E. Construction Materials.	Stone (Mostly)	Stone (Mostly)
	F. Timber, Bamboo, Sand, Stone, Shingle, Grite etc. extent of their availability & lead involved.	Available with in Kms.	Available with in Kms.
12	Access point indicating possibility of equipment climate condition.	Almora	Almora
13	A. Temperature maximum & minimum.	Summer: Max 28 C, Min 18C, Winter: Max 20 C, Min 0 C.	Summer: Max 28 C, Min 18C, Winter: Max 20 C, Min 0 C.
	B. Rainfall data average annual peak intensities.	Average 1500mm.	Average 1500mm.
	C. Length of road covered by snow average and period.	Nil	Nil
	D. Wind direction and velocities.	From west and south with moderate velocity Negligible	From west and south with moderate velocity Negligible
	E. Fog conditions.		
	F. Exposure to Sun.	Well expose sun	Well expose sun
14	Drainage characteristics of the area indicating susceptibility to damage.	Good natural drainage, hence susceptibility to damage in minimum	Good natural drainage, hence susceptibility to damage in minimum
15	Length of land slides.	Nil	Nil
16	Length of unstable areas.	Nil	Nil
17	Length of heavy snow covering.	Nil	Nil
18	Length of marshy and flooded rocks.	Nil	Nil
19	Length of position with loose rocks.	Nil	Nil
20	Period required for construction.	18 month	18 month
21	Vegetation extent/type	Ordinary bushes and cheer trees.	Ordinary bushes and cheer trees.

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निर्माण कार्यको लागि आवश्यक  
सर्वेक्षण (अवधि)

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	Item	Alignment	
		Alignment 1	Alignment 2
	A. Bridge Requirments Minor Bridge i. Total number. ii. Range of span. iii. Total water way. B. Major Bridge i Total number. ii Range of span. iii Total water way. iv Length of cliffs and gorges. v Scuppers	-    NA  Average 6 Nos. per Km.  35	-    NA  Average 8 Nos. per Km.  50
7	Right of way bringing out construction Approximate area and value.  i Cultivated. ii Irrigated. iii Un irrigated. iv Civil soyam and banjar land. v Van Panchyat land.	2.000 Kms. 0.500 Kms. 0.525 Kms.  2.550 Kms. 0.425 Kms.	2.000 Kms. 0.500 Kms. 0.525 Kms.  2.550 Kms. 1.325 Kms..
8	General Elevation of Road i Indicating minimum and Maximum heights negotiated by main ascent and descent. ii Total No. 7 ascent and descent.	1000 m and 1126 m  Acent - 1, Descent - 2.	Minimum & Maximum heights  1000 m and 1126 m m
9	A Existing means of inter communication (Mule path, jeep etc) B Relation of proposed alignment with C. existing and under construction roads.	Mule path and foot track  Proposed alignment Starts from existing to Masi-Gairkhet M/Road k.m.-6.000	Mule path and foot track  Proposed alignment Starts from existing to Masi-Gairkhet M/Road k.m.-6.900
10	A. Availability of road construction Materials. B. Location of quarries. C. Average leads.	Locally available. For sand & metal  Ramnagar  120Km.	Locally available. For sand & metal  Ramnagar  120Km.

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Handwritten initials/signature

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 साय

Construction of Masi - Gaikhet To Parthola Motor Road from Km. 0.0000 to  
Km. 6.000 under PMGSY

Sanctioned Length :- 6.000 Km.

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Sr No.	Item	Alignment	
		Alignment 1	Alignment 2
1	Details of route, vis-à-vis topography of the area. Main features and description of the alignment.	Alignment Starts From off at Masi-Gaikhet M/Road k.m.-2it shall go Throught Nap L and, Civil Benap Land, Van Panchayat.	Alignment Starts From off at Masi-Gaikhet M/Road k.m.-2it shall go Throught Nap L and, Civil Benap Land, Van Panchayat.
2	Length of the alignment from starting point to terminal point.	6.000 Km.	6.900 Kms.
3	Geometric A. Gradient in different stretches of the alignment B. Curves and Hair pin bends.	1:20 F, 1:24 F, 1:60 R, 1:120 F, level. 2 H.P. Bands.	1:20 F, 1:16 F, 1:60 R, 1:120 F, level. All curves as per IRC 4 H.P. Bands.
4	Terrain and soil condition 1. Geology of the road. Road length passing through 1. Mountainous terrain cross slope from 25° to 60° 2. Steep terrain cross slope greater than 60° 3. Rocky Stretches with indication in length in loose. 4. Area subject to avalanches and snow drifs.	Soil, OR, HR  4.500 Kms. 1.250 Kms. 0.250 Kms. N.A.	Soil, OR, HR  4.000 Kms. 2.000 Kms. 0.900 Kms. N.A.
5	Nature of soil A. Length of reaches with earth and Boulders B. Length of reaches with hard rock/ Shale. C. Length of reaches with medium rock/Shale. D. Length of reaches with VHR/VHS.	3.500Kms. 0.500 Kms. 2.000 Kms. 0.000 Kms.	3.000Kms. 1.500 Kms. 2.000 Kms. 0.400 Kms

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सहायक अभियन्ता  
निर्माण खण्ड, लोक वि. वि.  
सदर (अल्मोडा)

अधियासी अभियन्ता  
खण्ड, लोक वि. वि.  
सदर (अल्मोडा)