

परियोजना का नाम	:- जनपद पौड़ी गढ़वाल में प्रधानमंत्री ग्रामीण सड़क योजना के अर्न्तगत भण्डेली बैण्ड (थलीसैण) से जखोला मोटर मार्ग (9.500 किमी) के नव निर्माण हेतु वन भूमि हस्तान्तरण प्रस्ताव।
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**Performa for comparison between identified alignments**

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	Alignment takes off Thalissain .Grade of this alignment are 1:24 fall, Level, 1:24 fall, 1:20 rise' 1:40 rise and 1:24 rise and. It shall run through civil Soyam land and Nap land. Three H.P. Bends provided.	Alignment takes off Thalissain. Grade of this alignment are 1:18 fall,level, 1:22 fall, 1:40 rise and 1:18 rise . It shall run through civil Soyam land, Forest land and Nap land. Three H.P. Bends provided.
2	Length of Road	9.500 Kms	10.325 Kms
3	Bridging requirement No. and Length	01 No., 12 M.	02, 36,48 m.
4	Geometric		
	(a) Gradients	1:24 fall,level, 1:24 fall, 1:20 rise, 1:40 rise and 1:24 rise.	1:18 fall, Level, 1:22 fall, 1:40 rise and 1:18 rise.
	(b) Curves, H.P Bends	All curves as per IRC , Three H.P Bends	All curves as per IRC , Three H.P Bends
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule path and foot track	Mule path and foot track
6	Right of way bringing out construction Approximate area and value  i Irrigated Cultivated Land ii Un irrigated Cultivated Land iii Civil soyam U.K Govt Land. iv Van Panchayat Land v Reserve Forest land  Total Length	4.223 Kms NIL 0.700 Kms 3.578 Kms 1.000 Kms  9.500 Kms	4.225 Kms NIL 0.800 Kms 3.800 Kms 1.500 Kms  10.325 Kms
7	(a) Terrain & Soil Condition.	E&B, HR, VHR/VHS	E&B, HR, VHR/VHS
	(vi) Cliffs and gorges.	NIL	NIL
	(vii) Drainage characteristics of the area including supceptibility to flooding .	Good natural drainage, hence susceptibility to damage in minimum.	Good natural drainage, hence susceptibility to damage in minimum.
	(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends.	NIL	NIL
	(ix) Variations extants and types.	NIL	NIL

8.	<p>Climate Condition:(a) Temperature Monthly max. &amp; min. reading.</p> <p>(b) Rainfall data average annual peak intensities monthly distribution (to the extent available)</p> <p>(c) Snowfall data average annual peak intensities monthly distribution (to the extent available) .</p> <p>(d) Wind direction and velocities.s</p> <p>(e) Fog Condition.</p> <p>(f) Exposure to sun.</p> <p>(g) Unusual weather condition like cloud burst etc.</p>	<p>Max 30 C, Min 0 C</p> <p>Not available</p> <p>Nil</p> <p>From North and South with moderate velocity</p> <p>Negligible</p> <p>Well expose to sun</p>	<p>Max 30 C, Min 0 C</p> <p>Not available</p> <p>Nil</p> <p>From North and South with moderate velocity</p> <p>Negligible</p> <p>Well expose to sun</p>
9.	<p>Facilities resources.</p> <p>(a) Landing ground.</p> <p>(b) Dropping Zone.</p> <p>(c) Food stuffs.</p> <p>(d) Labour local availability and need for import.</p> <p>(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.</p>	<p>Nil</p> <p>Nil</p> <p>Pauri</p> <p>50% Labors Available Locally and rest From Nepal</p> <p>Stone Mostly Available With In 50-80 Kms</p>	<p>Nil</p> <p>Nil</p> <p>Pauri</p> <p>50% Labors Available Locally and rest From Nepal</p> <p>Stone Mostly</p> <p>Available With In 50-80 Kms</p>
10.	Value of land, agricultural land, Irrigated land, bult up land, forest land etc,		
11.	Approximate Const. Cost.	712.50 Lack	774.38 Lack
12.	Access point indicating possibility of induction of equipment.	Pauri	Pauri
13.	Period required for construction.	12 month (working season)	12 month (working season)
14.	Strategic Consideration.		
15.	Important villages, towns and markets centers to be connected.	Pauri	Pauri
16.	Recreational potential.	Will Increase	Will Increase
17.	<p>Economic Factors:</p> <p>(a) Population served by the alignment.</p> <p>(b) Agricultures and economic potential of the area.</p>	<p>Approximate</p> <p>Good</p>	<p>Approximate</p> <p>Good</p>
18.	other major development projects being taken up electric projects etc.	Will Increase	Will Increase
19.	<p>(i) Misc. Such as camping sites</p> <p>(ii) Law and other problem</p>		



	(iii) Royalty		
	(iv) Availability of contractors for collection and carriage of construction material		
	(v) working period available for construction of work.	12 month (working season)	12 month (working season)
20.	Total No. of trees to be removed .	270	300
21.	Average Density of forest cover .	0.2	0.2
22.	Total No. of Merits	1. Alignment accepted by Villagers & Elected Public representatives of the area. 2. One Minor Bridge. 3. Alinment is passing through stable area.	1. Three H.P bends 2. Two Steel Girder Bridges. 3. Alignment is passing through Steep area
23.	Total No. of Demerits	1. Three H.P Bends	1. Alignment is not accepted by Villagers & Elected Public Representatives of the area. 2. Increasing of Nap Land, Private Trees in alignment. 3. Increasing Span of Bridge.

### RECOMMENDATIONS:

Alignment no. ( ) Recommended for approval being more economical, useful & technically feasible.

Junior Engineer

PMGSY, (ID) Baijro

Ass. Engineer

PMGSY, (ID) Baijro

Ex. Engineer

PMGSY, (ID) Baijro

वन क्षेत्र अधिकारी  
पूर्वी अमेली थलीसेण  
गढ़वाल वन प्रभाग (पौड़ी)

उप प्रमाणीय वनाधिकारी  
गढ़वाल वन प्रभाग  
थलीसेण

उप प्रमाणीय वनाधिकारी  
गढ़वाल वन प्रभाग  
पौड़ी