

परियोजना का नाम :-	जनपद देहरादून के सहसपुर विकास खण्ड में प्रधानमंत्री ग्रामीण सड़क योजना के अर्न्तगत प्रस्तावित, पुरुकुल गांव से भितरली-किमाडी मोटर मार्ग (लम्बाई 10.400 कि०मी०) के नव निर्माण हेतु हस्तान्तरण प्रस्ताव।
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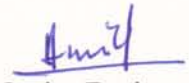
**Performa for comparison between identified alignments**

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	This road starts from Purkul Village Of Bhitarli- Kimari Motor Road.	This road starts from Purkul Village Of Bhitarli- Kimari Motor Road.
2	Length of Road	10.400 km.	11.000 km.
3	Bridging requirement No. and Length		
4	Geometric		
	(a) Gradients	1- 1:18, 1:20, 1:24, 1:30, 1:40, 1:60 R level.	1 - 1:18, 1:17, 1:20, 1:24, 1:30, 1:60 R.
	(b) Curves, H.P Bends	3 No of H.P. Bends	5 No of H.P. Bends
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule Track	Mule Track
6	Right of way, bringing out. Construction on account of built up areas, monuments and other structures.	7.00 Mtr	7.00 Mtr
7	(A) Terrain & Soil Condition.	Hilly Terrain	Hilly Terrain
	(vi) Cliffs and gorges. (vii) Drainage characteristics of the area including suscepibility to flooding. (viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends. (ix) Variations extants and types.	(vi) Nil (vii) Good Natural Drainage hence suscepibility to damage in minimum (viii) 1089 & 1288 (ix) Ordinary bushes & Trees	(vi) Nil (vii) Good Natural Drainage hence suscepibility to damage in minimum (viii) 1089 & 1288 (ix) Ordinary bushes & Trees
8	Climate Condition: (a) Temperature Monthly max. & min. reading. (b) Rainfall data average annual peak intensities monthly distribution (to the extent available). (c) Snowfall data average annual peak intensities monthly distribution (to the extent available). (d) Wind direction and velocities. (e) Fog Condition. (f) Exposure to sun. (g) Unusual weather condition like cloud burst etc.	(a) Maximum 5-40°c Minimum 10-15°c (b) Not Available (c) N/A  (d) North To South (e) N/A (f) well exposure to sun	(a) Maximum 5-40°c Minimum 10-15°c (b) Not Available (c) N/A  (d) North To South (e) N/A (f) well exposure to sun
9	Facilities resources.		
	(a) Landing ground.	Nil	Nil
	(b) Dropping Zone.	Nil	Nil
	(c) Food stuffs.	Dehradun Market.	Dehradun Market.
	(d) Labour local availability and need for import.	Locally available.	Locally available.
	(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Haridwar from Haldwani.	Haridwar from Haldwani.
10	Value of land, agricultural land, Irrigated land, built up land, forest land etc.		
11	Approximate Const. Cost.	520	550
12	Access point indicating possibility of induction of equipment.	Equipment is available at Ddun.	Equipment is available at Ddun.
13	Period required for construction.	1 Year	1 Year
14	Strategic Consideration.	Nil	Nil
15	Important villages, towns and markets centers to be connected.	DEHRADUN	DEHRADUN
16	Recreational potential.		

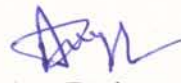
	markets centers to be connected.		
16	Recreational potential.		
17	Economic Factors:		
	(a) Population served by the alignment.	476	476
18.	other major development projects being taken up electric projects etc.	Will Increase	Will Increase
19.	(i) Misc. Such as camping sites (ii) Law and other problem (iii) Royalty		
	(iv) Availability of contractors for collection and carriage of construction material (v) Working period available for construction of work.	YES  12 month (working season)	YES  12 month (working season)
20.	Total No. of trees to be removed.		
21.	Average Density of forest cover.		
22.	Total No. of Merits	1. No any Irrigated Cultivated land involved. 2. Aligement Accepted by Villagers & their elected representative. 3. Lengeth of road is in shotter side.	1. No any Irrigated Cultivated land involved
23.	Total No. of Demerits	2. Some Trees are coming in the aligement	1. The span of Cluverts is in higher Side. 2. Aligement Didn't Accepted by Villagers & their elected representative. 3. Incresing of the length of road And Also increasing Cultivated land. 4. Two more HP Bend provided.

#### RECOMMENDATIONS:

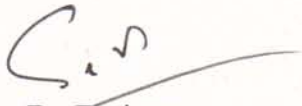
Alignment no. (1) Recommended for approval being more economical, useful & technically feasible.

  
Junior Engineer

PMGSY, Irr DIV. DEHRADUN

  
Ass. Engineer

PMGSY, Irr DIV. DEHRADUN

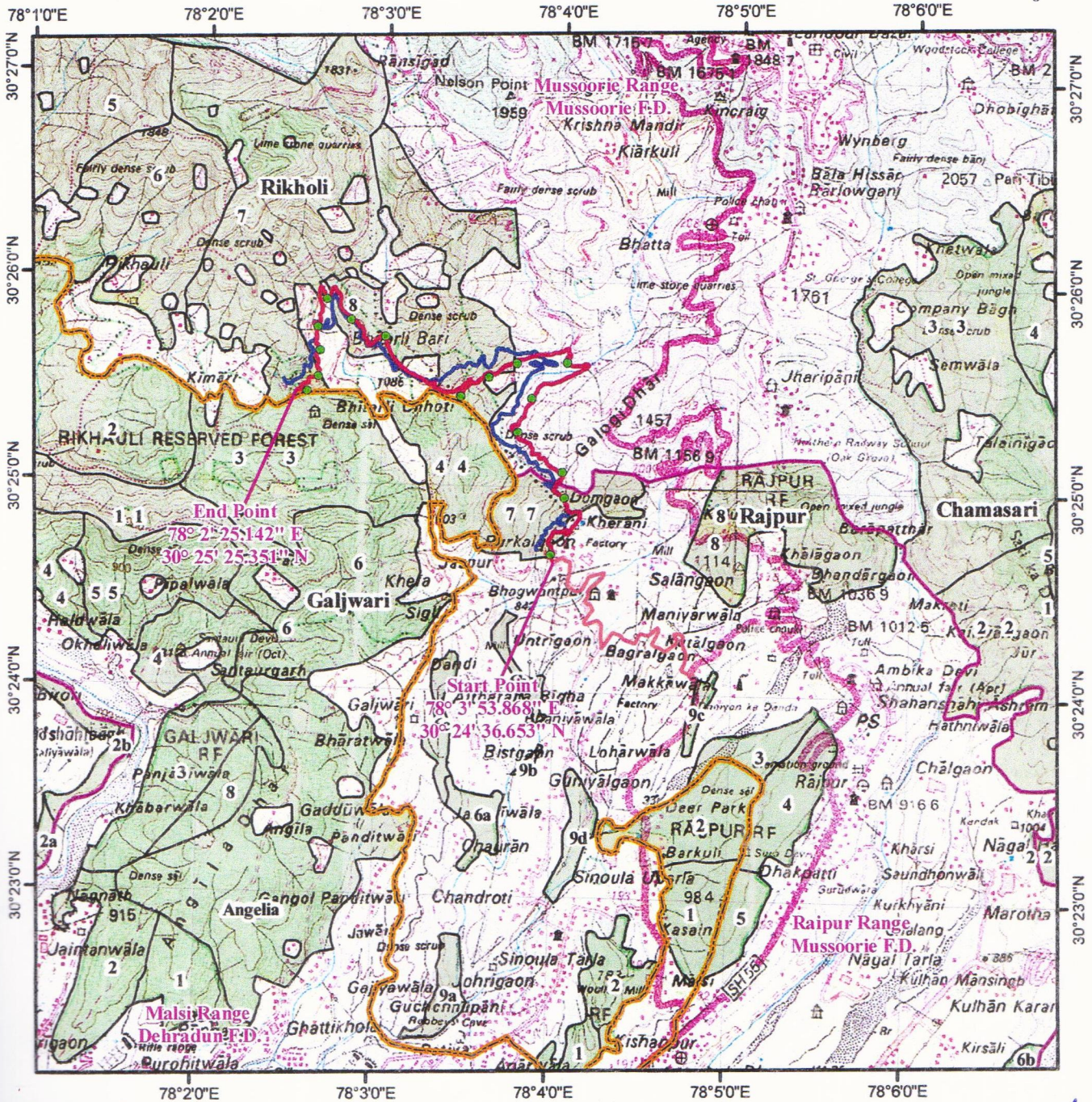
  
Ex. Engineer

PMGSY, Irr DIV DEHRADUN



डिजिटल मैप – जनपद देहरादून में प्रधान मंत्री ग्राम सड़क योजना के अर्न्तगत प्रस्तावित पुरुकुल गांव से भितरली-किमाडी मोटर मार्ग के निर्माण हेतु (लम्बाई 10.400 कि०मी०)

0 0.5 1 1.5Km



**Legend**

- Muck Dumping Zone
- Proposed Road
- Alternate Road
- Existing Road
- Reserve Forest Area
- ▭ Reserve Forest Boundary
- ▭ Forest Range Boundary
- ▭ Forest Division Boundary

प्रभागीय वनाधिकारी  
देहरादून  
मसूरी वन प्रभाग

वन अधिकारी  
मसूरी राजि  
मसूरी वन प्रभाग, मसूरी

प्रभागीय वनाधिकारी  
मसूरी वन प्रभाग, मसूरी

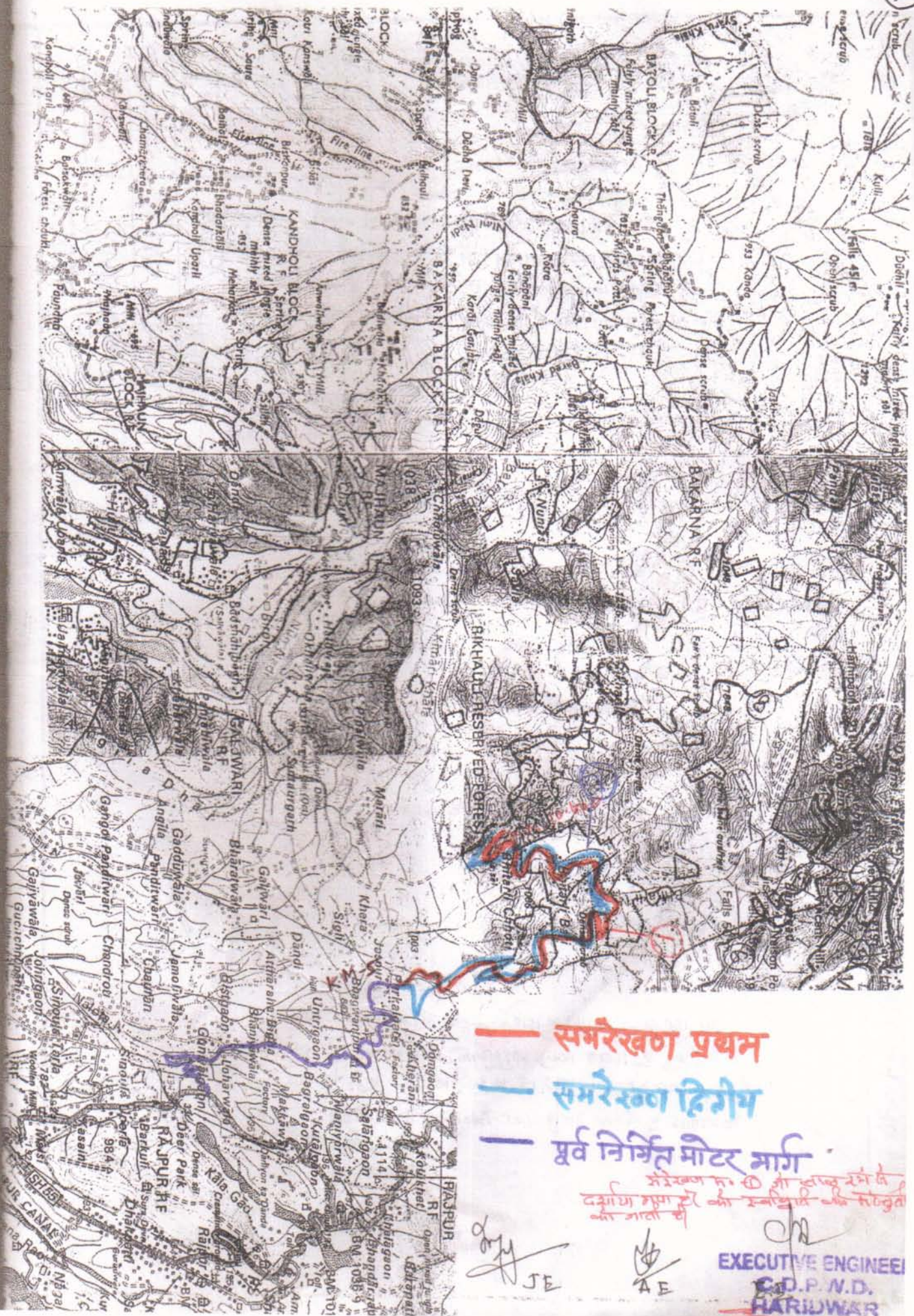
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2.5

Assistant Engineer - I  
P.M.G.S.Y.I.D., Dehradun

पी.एम.जी.एस.वाई. सिंचाई खण्ड  
6, इन्दिरा नगर देहरादून





— समरक्षण प्रथम  
 — समरक्षण द्वितीय  
 — पूर्व निर्मित मोटर मार्ग

संरक्षण नं. १० का लाल रंग में  
 दर्शाया गया है।  
 का मतलब है

JE

AE

EXECUTIVE ENGINEER  
 C.D.P.N.D.  
 HARIDWAR



# INDEX

PROPOSED ROAD:-	
EXISTING ROAD:-	
VILLAGE:-	
TEMPLE:-	
SCHOOL:-	
FOOT PATH CROSS	
COOL CROSS	



EXECUTIVE ENGINEER  
E.E.P.N.D.  
HARIDWAR

ROUTE PLAN OF:- PURUKULGAON TO BHITARALI - KIMPAJI MOTOR ROAD.

NOT TO SCALE

L-SECTION FOR ALIGNMENT-1 OF PURUKUL GADON TO BHITARALI-KIMARI MOTOR ROAD.

## ALIGNMENT-1

Scale-H:- 1:20000  
V:- 1:1000

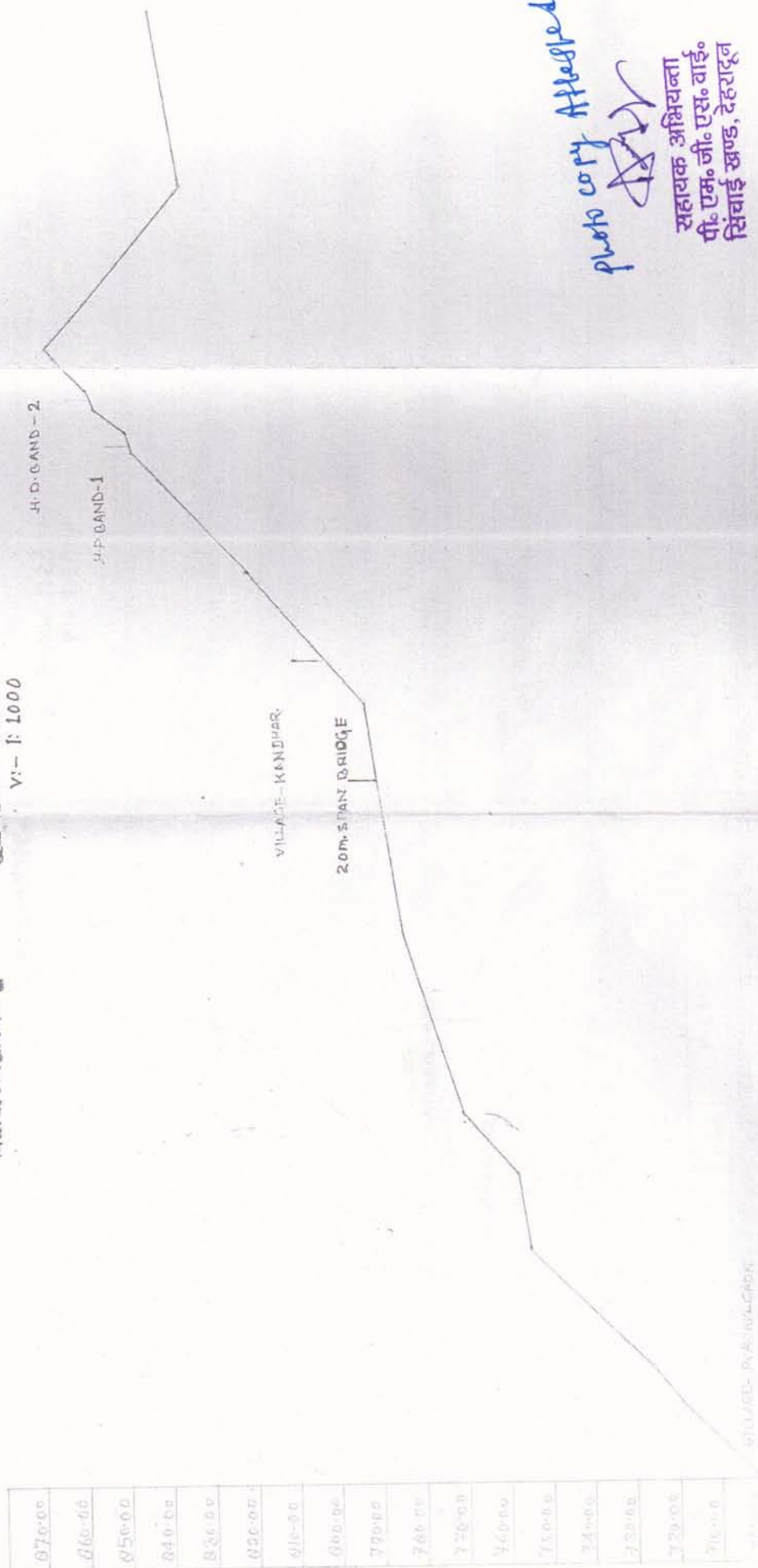


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CHANGES	FOREST LAND	PLAND	CHANGES
0.200	0.400	0.600	0.800
1.000	1.200	1.400	1.600
1.800	2.000	2.200	2.400
2.600	2.800	3.000	3.200
3.400	3.600	3.800	4.000
4.200	4.400	4.600	4.800
5.000	5.200	5.400	5.600
5.800	6.000	6.200	6.400
6.600	6.800	7.000	7.200

EXECUTIVE ENGINEER



