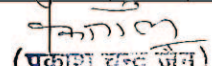
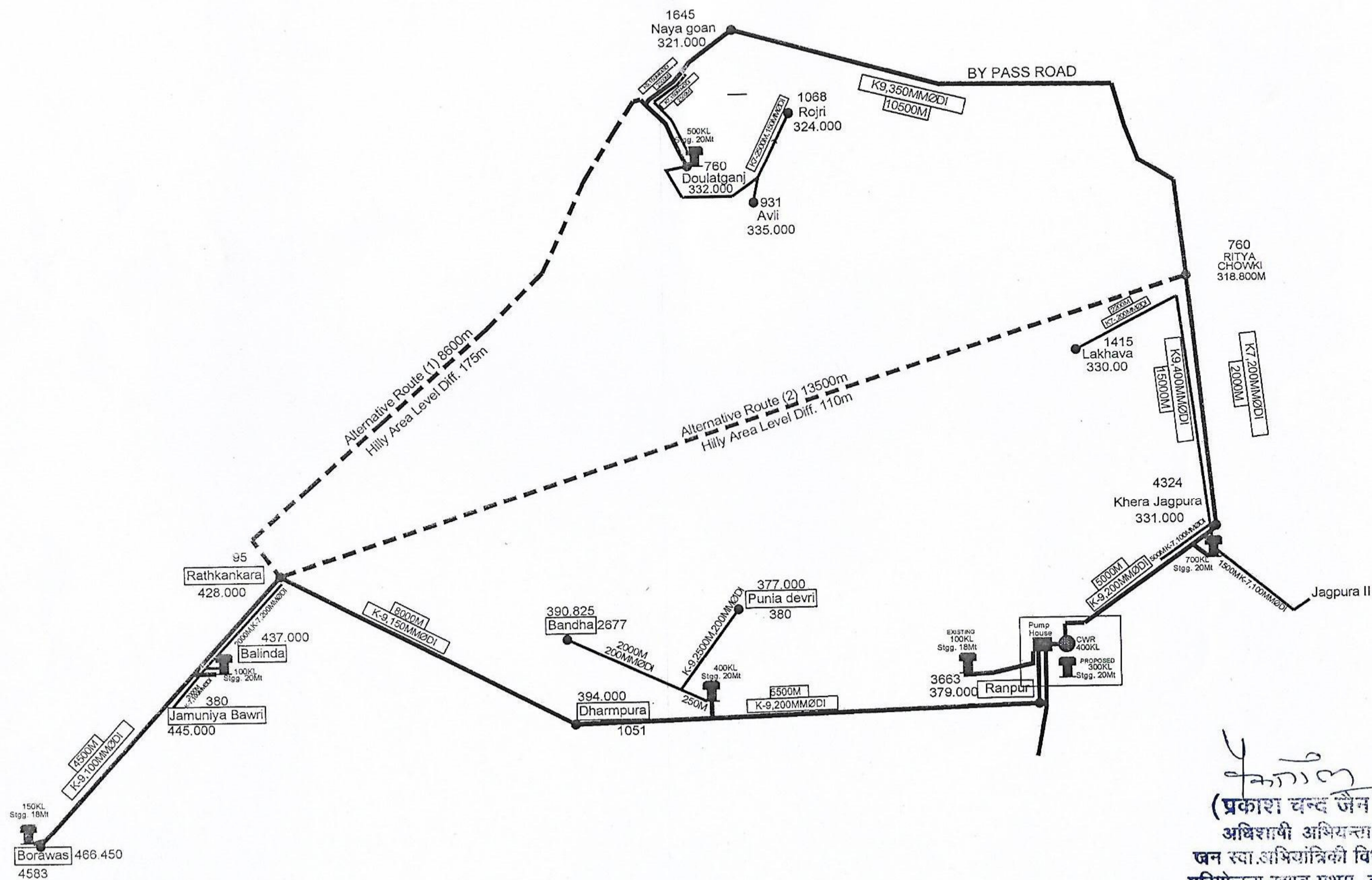


Borabas - Mandana Water Supply Alternative Route Analysis																							
Alternative Route-1 for Nayagaon To Ranthkankra																							
Sr No	Nayagaon to Ranthkankra (150 MM)							Lakhawa to Ranthkankra (150 MM)							Dharampura to Rathkankra (150 MM)							Remarks	
	Length in Forest Land	Width in Forest Land	Area (ha)	Length in Forest Land	Width in Forest Land	Area (ha)	Level difference	Length in Forest Land	Width in Forest Land	Area (ha)	Length in Forest Land	Width in Forest Land	Area (ha)	Level difference	Length in Forest Land	Width in Forest Land	Area (ha)	Length in Forest Land	Width in Forest Land	Area (ha)	Level difference	Justification for Selection of Route	
1	8600	0.65	0.55	Nil	Nil	Nil	175 Meter	8680	0.65	0.56	4820	0.65	0.31	110 M	2810	0.65	0.18	5190	0.65	0.33	34 M	1. Dharampura to Rathkankra Route have been selected as Compelte alignment is proposed along the existing road. 2.Level difference is only 34 meter	
Alternative Route - Doliya ESR to Kishanpura Village																							
Sr No.	Doliya ESR to Kishanpura (150 MM)							Amarkuan to Kishanpura (150 MM)							Remarks								
	Length in Forest Land	Width in Forest Land	Area (ha)	Length in Forest Land	Width in Forest Land	Area (ha)	Level difference	Length in Forest Land	Width in Forest Land	Area (ha)	Length in Forest Land	Width in Forest Land	Area (ha)	Level difference	Justification for Selection of Route								
1	1500	0.65	0.097	7700	0.65	0.5	40 M	3150	0.65	0.2	1350	0.65	0.08	47 M	1. Doliya ESR to Kishanpura route have been selected as this route proposed along the existing route 2.No Tree cutting is Involved while Amarkuna to Kishanpura is passing through dense forest Involvement is Less								3. Forest Area
Alternative Route - Dara ESR to Kalya Ki Kui Village																							
Sr No.	Moru Kala to Kalya Ki Kui (100 MM)							Moru Kala to Kalya Ki Kui via Moru Khurad (150 MM)							Remarks								
	Length in Forest Land	Width in Forest Land	Area (ha)	Length in Forest Land	Width in Forest Land	Area (ha)	Level difference	Length in Forest Land	Width in Forest Land	Area (ha)	Length in Forest Land	Width in Forest Land	Area (ha)	Level difference	Justification for Selection of Route								
1	750	0.6	0.04	2250	0.6	0.13	60 M	Nil	Nil	Nil	3700	0.65	0.24	40 M	1. Moru Kala to Kalya Ki Kui via Moru Khurad route have been selected as there is no Forest Land Involvement								


 (प्रकाश चन्द्र जेन)
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 जन स्वास्थ्य अभियंत्रिता विभाग
 परियोजना खण्ड प्रथम कोटा

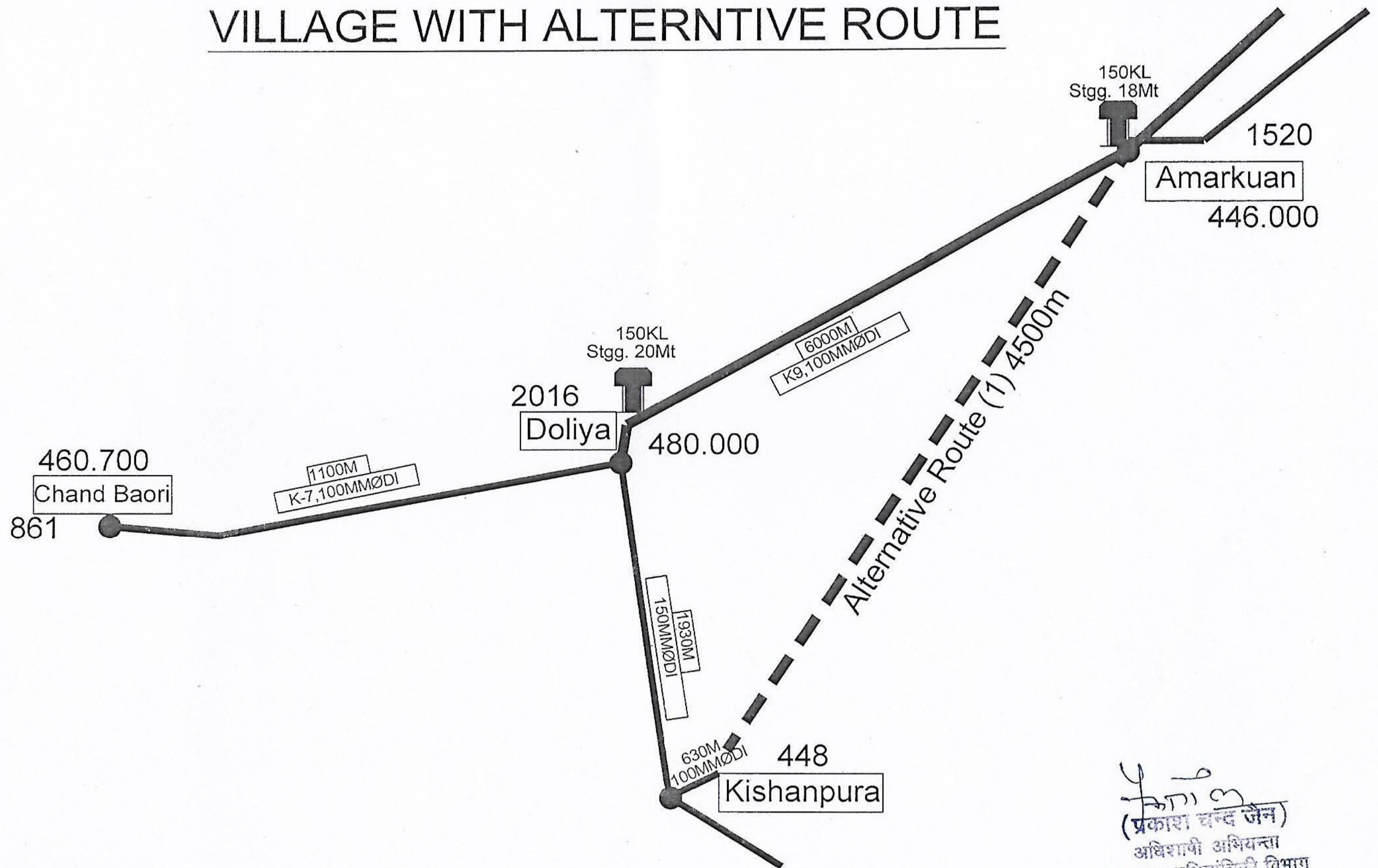
ROUTE MAP OF PIPE LINE FROM RANPUR IPS TO BORABAS VIA RANTKANKARA VILLAGE WITH ALTERNATIVE ROUTE



(प्रकाश चन्द जैन)
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परियोजना खण्ड प्रथम, कोटा
फोन नं ३२१४२

ROUTE MAP OF PIPE LINE FROM DOLIYA ESR TO KISHANPURA

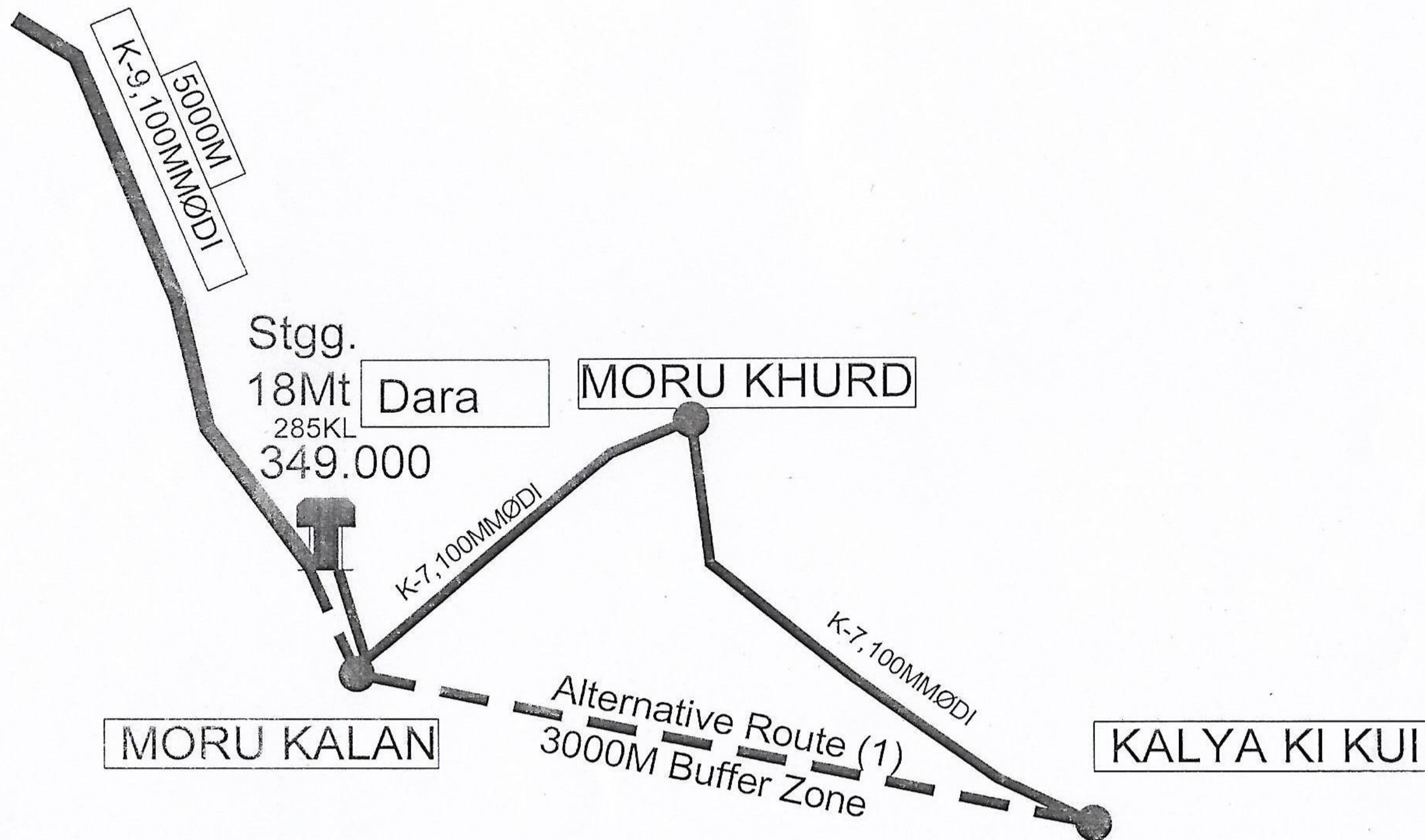
VILLAGE WITH ALTERNATIVE ROUTE



(प्रकाश चन्द जैन)
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ROUTE MAP OF PIPE LINE FROM DARA SR TO KALYAN KI KUI

VILLAGE WITH ALTERNATIVE ROUTE



प्रकाश चन्द जैन
(प्रकाश चन्द जैन)
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जन सेवा अभियानिकी विभाग
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