

## PROJECT REPORT

- Name of Work:** Construction of road from Peerah ( NHA) to Kameti) ( Under NABARD Phase 1st)
- Authority:-** Hon'ble Advisor to the Lt. Governor Jammu and Kashmir vide letter No Nil Dated 09/01/2020
- Project Profile:-** The construction of link road from National Highway peerah to Govt. MS Sawri. The proposed Road having length of 5km and will connect the hamlets of Peerah, Tutral, Kund & Kameti ( Banjar) etc. thereby reducing the non connectivity length of vast area and benefitting the population of about 5000 souls
- This road besides having Agricultural potential has also tourism spots. The area is rich in agricultural such as Maize, Pulses, vegetables and also quite rich in horticulture poultry and dairy produce. In absence of road connectivity the viability of produce for commercial purposes is diminished. The constt. Of this road will open new avenues of development in the area and also will boost the socio economic status of this area
- The proposed road will promote economic, industrial, Social & cultural development of the area. It will help in raising living standards of the people, advancement of the community, improvement in medical, educational, post & telegraph & recreational facility. Employment potential in the area will be generated to a large extent. The road will also meet the strategic needs of the defence & security forces. With the opening of this area to communications, the land value will go up. The living condition of the people shall change drastically and backward class and poor down trodden people will get tremendous uplift. Besides above, the fatigue and discomfort during travel will also get considerably reduced.
- Keeping in view all the above cited facts it is felt necessary to construct the road under NABARD Loan Assistance and complete in shortest possible time. The State Government is contributing **Rs. 42.20 lacs** and an amount of **Rs. 3791.77 lacs** Financial Assistance from NABARD is sought to complete the Scheme.

### **PROPOSALS SPECIFICATION :-**

It has been proposed to construct a length of 5 km in a width of 5.50 Mtr. The following chief specifications shall be adopted for the construction of the road upto fair weather status.

#### **(a) EARTHWORK :-**

Prior to commencement of earthwork, the site shall be cleared off vegetation such as trees, roots, under growth grass and rubbish falling within excavation and fill lines. After the site has been cleared, the limits of excavation shall be set out, true to the lines, curves, slopes, grades and section shown on drawings, with the help of pegs, stone bulree, lime etc. The earthwork in cutting excavation shall be conforming to the lines, grades, sides slopes and levels. The surplus excavated soil shall be disposed off from the road limits and dressed properly to slopes.

#### **(b) SUB BASE COURSE (WBM GRADE-II) 150MM THICKNESS IN TWO LAYERS :-**

This course shall be WBM with thickness 150mm and shall be laid over raised compacted portions of the road with nallah broken stones 63mm to 45mm size and screening 13.2mm conforming to IRC/Clause 404 of MOST specification 1995.

#### **(c) DRAINAGE CROSSING :-**

Hume pipe culverts / RCC culverts shall be provided at the adequate places as per necessity at site for crossing of the water which shall be constructed as per the standard IRC specifications.

#### **(d) RETAINING WALLS AND BREAST WALLS :-**

Semi-pucca Retaining walls & Breast walls shall be constructed for retention of the hill slope and improvement of geometric of the road

**TIME & COST :-**

The estimated cost of the scheme is **Rs. 421.97 Lacs** and shall be completed within a period of 03 Years subject to availability of funds and key constructional materials

**FINANCIAL**

**DETAIL :-**

The estimate cost of the project is **Rs. 421.97 Lacs** out of which 90% shall be funded by NABARD in a phased manner and balance by the J&K State Govt

**FINANCIAL**

The year wise financial phasing of the project is as under

**PHASING :-**

2019-20 30%

2020-21 40%

2021-22 30%

**PROJECT IMPLEMENTATION AND MANAGEMENT :-**

The project will be executed by the R&B wing of the Public Works Department which is well equipped with the technical staff headed by the Chief Engineer at provincial level, Superintending Engineer at the District level, Executive Engineer at the Divisional level and assisted by the Assistant Executive Engineer at the Sub Division level

**OPERATION AND MAINTENANCE :-**

The operation and maintenance of the project will be carried by the R&B Department on annual basis. Separate funds under Non-Plan are available for the said purpose

**RISK FACTOR AND PERCEPTION OF DEPARTMENT :-**

The construction of the road is a labour and capital intensive work. The non-availability of labour through out the year might create some delay in the completion of the project within the stipulated time but otherwise sufficient labour is available throughout the year and when needed plenty of machinery available with the State Mechanical Department and can be arranged

**BENEFITS AND JUSTIFICATION :-**

The constructed road will go a long way in improving socio-economic condition of the inhabitants. Agriculture and cattle farming is the prime activity in the area, will get a major thrust after the construction of the road. The inhabitants of the area will be benefited directly as well as indirectly from this project.

**INCREASE IN AGRICULTURAL PRODUCTION :-**

With the construction of this road there shall be smooth inflow of agriculture inputs/pesticides to these villages with the help of agriculture technocrats who will have a smooth and easy access to these areas connected by this road there shall be boost in the production of the agriculture products which can be easily taken to the nearby, Ramban, thus resulting in the economic upliftment of these people

**SAVING IN WASTAGE :-**

With the construction of this road convenient transportation shall be provided to the marketable goods/agriculture products to the nearby Mendhar/market resulting in saving in wastage of these goods.

**SAVING IN TRAVEL TIME :-**

The population of the benefited villages is about 500 souls. Assuming that only 15% of the population is engaged in marketing activity and assuming average time saved per Km/day after construction of this road upto B.T specification as 10 Min/Km,

**SAVING IN VEHICLE OPERATING COST :-**

Based on the assumed traffic intensity on this road, the saving in vehicle operating cost (VOC) can be quantified as under :-

# ABSTRACT OF COST

Name of Work:- Construction of road from Peerah ( NHA) to Kameti) ( Under NABARD Phase 1st)

Technical Data:-

1. Length 2.00 Km
2. Specification :
  - a). Road Way : 6.00 Mtr
  - b) Carriage Way : 3.00 mtr
  - c) Pavements : --

S.no.	Particulars	Unit	Quantity	Rate	Amount (Rs. in lacs)
<b>A</b>	<b>EARTH WORK</b>				
i	Earth work in cutting	Cum	28850.75	341.81	98.61
<b>B.</b>	<b>CROSS DRAINAGE WORKS</b>				
i	3 D M span RCC Culvert	No	2	18	36.00
ii	0.90 dia HP Culvert	No	2	6.66	13.32
iii	Pucca Drain	Mtr	198	3025	5.98
<b>C.</b>	<b>PROTECTION WORK (Walling)</b>				
i	Retaining Wall ( 3 m height )	RMT	200	28000	56.00
ii	Breast Wall	RMT	180	8000	14.40
<b>D</b>	<b>PAVEMENTS (Strengthening)</b>				
i	150 mm thick WBM Gr-II	Sqm	6600	422	27.85
ii	75 mm thick WBM Gr-III	Sqm	6600	200.00	13.20
iii	50 mm thick BM	Sqm	6600	515	33.99
iv	25 mm thick SDBC	Sqm	6600	452.00	29.83
<b>E</b>	Land/House Compensation	L S			50.00
	<b>Total</b>				<b>379.19</b>
	Add 10% for maintance of road				<b>32.91</b>
	<b>Total</b>				<b>412.10</b>
	Add 3% W C & contingencies				<b>9.87</b>
	<b>G.Total</b>				<b>421.97</b>

421.97.  
Say Rs.379.74 Lacs

Asst. Executive Engineer  
PWD (R&B) Sub- Division  
Batote

Executive Engineer  
PWD (R&B) Division  
Ramban



Name of Work:- Construction of road from Peerah ( NHAI) to Kameti) ( Under NABARD Phase 1st)

Km1st/RD	Length	Area	Total Area	Mean Area	Quantity	Classification
0	0	23.26	-	-	-	i. All kinds of Soil = 50 %
150	250	26.86	50.12	25.06	6265.00	ii. Ordinary Rock = 30 %
350	100	14.08	40.94	20.47	2047.00	iii. Hard Rock by blasting = 20 %
450	100	16.86	30.94	15.47	1547.00	Rate = Rs 582.47/cum
500	50	9.46	26.32	13.16	658.00	
750	250	7.01	16.47	8.23	2057.50	
1000	250	11.38	28.24	14.12	3530.00	
<b>Km 2nd/RD</b>						
0	0	11.38	-	-	-	
250	250	11.36	22.74	11.37	2842.50	
500	250	10.77	22.13	11.07	2766.25	
575	75	22.73	34.11	17.06	1279.13	
750	175	12.58	35.31	17.66	3089.63	
1000	250	11.38	22.15	11.08	2768.75	
				<b>Total</b>	<b>28850.75</b>	

Asst. Executive Engineer  
PWD (R&B) Sub- Division  
Balote

Executive Engineer  
PWD (R&B) Division  
W/Ramban

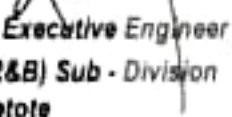
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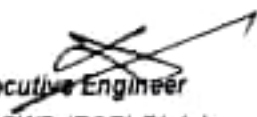
ame of Work :-

Construction of road from Peerah ( NHA) to Kameti) ( Under NABARD Phase 1st)

### **CERTIFICATE :**

***It is certified that we have inspected the site and are satisfied with the proposals kept in the project report strictly devised & designed as per the relevant IRC code & bureau of Indian Standard & sound Engineering practice.***

  
Asstt. Executive Engineer  
PWD (R&B) Sub - Division  
Batote

  
Executive Engineer  
PWD (R&B) Division  
Ramban

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Full Title of the Project :- CONSTRUCTION OF ROAD FROM PEERAH (NHAI) TO KAMETI  
UNDER NABARD

File No. :-

Date of Proposal :-

DETAIL OF MUCK/DEBRIES TO BE PRODUCED

Name of Work :- CONSRTRUCTION OF ROAD FROM PEERAH(NHAI) TO KAMETI .

Detail of Quantity to be produced and used during the construction of the road .

Sr.No.	Description of Items	Quantity
1	Total Quantity to be produced during the construction	17147
2	To be used for soling (6.50%),wearing of road (6.50 %) and filling behind retaining walls of the road (20%) total (33%)	5659
3	To be used for local use for construction of road average( total 33%)	5659
4	<b>Total Quantity to be used (2+3)</b>	<b>11317</b>
5	Net Quantity to be dumped (1-3)	5830
6	Soil factor 30 %	1749
7	<b>G-TOTAL (5+6)</b>	<b>7579</b>

  
Assistant Executive Engineer  
PWD(R&B) Sub Division  
Batote


  
Executive Engineer  
PWD(R&B) Division  
Ramban




PERFORMA-V  
STATEMENT SHOWING DETAIL OF PLACES FOR DISPOSAL OF MUCK/DEBRIS FOR THE CONSTRUCTION OF ROAD FROM PEERAH(NHAI) TO  
KAMETI .

Sr. No.	Name of dumping places	Location of Dumping place i.e. village Khasra No.	Slope of Dumping place	Length & width (in mtrs.) and area of Dumping place(in Sqm)	Quantity of muck/Debris to be dumped(in 1000 cum)	Height of dumping expected	Remarks (Area in Hect)
1	Ist Dumping Site Beer Bagh-Kanhal	RD 0/225 TO 0/265	1:3	15×20 = 300 Sqm	2526.3333	8.42	0.03
1	Ist Dumping Site Beer Bagh-Kanhal	RD 0/810 TO 0/850	1:3	15×20 = 300 Sqm	2526.3333	8.42	0.03
1	Ist Dumping Site Beer Bagh-Kanhal	RD 1/360 TO 1/400	1:3	15×20 = 300 Sqm	2526.3333	8.42	0.03
			total		7579		0.09

Say 0.09 Hect.

  
Assistant Executive Engineer  
PWD(R&B) Sub-Division  
Batole

  
Executive Engineer  
PWD(R&B) Division  
Kamban

**STATEMENT SHOWING DUMPING QUANTITY OF MUCK/DEBRIS TO BE DUMPED WITH OTHER DETAIL FOR PROJECT CONSTRUCTION OF ROAD FROM PEERAH (NHAI) TO KAMETI UNDER NABARD**

PROFORMA -III (REFER ITEM -8)

Sr. No	Name of Component from Muck/Debris to be produced	Total Quantity of Muck/Debris to be produced (in Cum)	Qty. of Muck/Debris to be used locally in Cum)	Qty. of Muck/Debris to be dumped on the compact basis (in Cum)	Factor of increase in volume for Dumping (in Cum)	Qty. of Muck/Debris to be dumped on the basis of increase (in Cum)	Name of Dumping Place	Slope of Dumping Place	Location of Dumping place and police station nearby road	Distance of Dumping place from the river	Area of dumping place with length and breadth (in hect)	Area of forest land out of land in column-10 (in hect)	Height of Muck/Debris is dumped expected (Vol. Area) (in mtrs.)	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Formation Cutting Work	17147	11317.02	5830	1.3	3096	Peerah	1H:3V	Dasangi Cheel, Ramban	30 Km	(3Nos x 15 x 20) = 0.09 Hect		0.9	8.42

[ ]

*[Signature]*

*[Signature]*  
 Assistant Executive Engineer  
 PWD(R&B) Sub-Division  
 Batole

*[Signature]*  
 Executive Engineer  
 PWD(R&B) Division  
 Ramban



Full Title of the Project :- CONSTRUCTION OF ROAD FROM PEERAH (NHA1) TO KAMETI  
 File No. :-  
 Date of Proposal :-

STATEMENT SHOWING THE ROAD LINE TO BE CONSTRUCTED FROM PEERAH (NHA1) TO KAMETI

Sr.No	RD		Distance in mtr.			Width of right way	Area of Road		Total Area in Sqm	Name of Village /Muhal and Forest Area	Muck /Debris to produce Total Cum	Muck /Debris to produce locally from	Muck /Debris to produce locally for work	Remarks
	FROM	TO	Forest land (in mtr.)	Non Forest land (in mtr.)	Total (in mtr)		Forest land	Non Forest land						
1	0/000	2/500	1500	500	2000	6.00	(1500×6.0+3 × 5×20) = 9900 Sqm T = 9900 Sqm = 0.99Hect		0.99 Hect	Tutral ,Kund	17147	5658.5	5658.5	

Assistant Executive Engineer  
 PWD(R&B) Sub-Division  
 Batote

Executive Engineer  
 PWD(R&B) Division  
 Ramban



सत्यमेव जयते

**GOVERNMENT OF JAMMU & KASHMIR**  
**OFFICE OF THE DEPUTY COMMISSIONER RAMBAN**

E-mail: dcramban-jk@nic.in

Ph/fax. 01998-266789/266906

**To Whom It May Concern**

**Subject:-** Construction of NABARD Road Peerah (NHIA) to Kameti in Division Batote - Regarding issuance of Forest Rights Act (FRA) Certificate.

**Ref:** Circular No. PCCF/FCA/3044/4295-4360 dated 29.01.2021 issued by Principal Chief Conservator of Forest & HoFF, J&K Government.

Executive Engineer, PWD (R&B) Division Ramban vide No. 20367/72 dated 28.12.2021 has requested this office for the issuance of FRA Certificate for Forest land measuring 0.99 Hectares proposed to be diverted for the below mentioned road:

S.No	Name of road	Sanction No.	RIDF	Forest land proposed to be diverted for NABARD PWD Project (in Hectares)
1	Link road from Peerah (NHIA) to Kameti under NABARD	NB. JKRO/505/RIDF-XXVII	XXVII	0.99

In compliance with the Ministry of Environment and Forest (MoFF), Government of India's letter No.11-9/98-Fc (pt) dated 3<sup>rd</sup> August 2009 wherein the MoFF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional forest Dwellers (Recognition of Forest Rights ) Act 2006('FRA' for short ) on the forest land proposed to be diverted for non-forest purpose read with MoFF's letter dated 5<sup>th</sup> of February, 2013 wherein MoFF issued certain exemption /relaxation in respect of linear projects, it is certified that 0.99 hectares of forest land is proposed to be diverted in favour of Executive Engineer, PWD (R&B) Division Ramban, required for construction Link Road Peerah (NHIA) to Kameti under NABARD in District Ramban.

It is further certified that :

- (a) As per MoFF letter no 11-09/98-FC(pt0, dated 5<sup>th</sup> February, 2013 for liner projects, like construction of roads, there is no requirement of resolution (meeting/ consent) of Gram Sabha of that area for forest land, use of which is proposed to be diverted.

(meeting/ consent) of Gram Sabha of that area for forest land, use of which is proposed to be diverted.

- (b) No house of primitive tribal group and pre-agriculture land shall be affected under the Scheduled Tribes and other Traditional Forest Dwellers ( Recognition of Forest Rights) Act, 2006 in case this 0.99 Hectares forest land is diverted for propose non-forestry purpose i.e. construction of above mentioned PWD road.

Hence, Forest Right Act Certificate is issued for forest land measuring 0.99 Hectare required for above mentioned PWD road in PWD division Ramban.

NO:- DCR/SB/1409-11

Date:- 02.02.2022

  
02.02.2022

**Mussarat Islam, JKAS**  
**District Collector**  
**(Deputy Commissioner)**  
**Ramban**

Copy to:-

01. Chief Engineer PWD(R&B), J&K, Jammu for information.
02. Executive Engineer PWD(R&B), Ramban for information.
03. Divisional Forest Officer, Batote for information.

Union Territory of Jammu & Kashmir  
**OFFICE OF THE SUPERINTENDING ENGINEER**  
**PWD (R&B) CIRCLE DODA**  
**(PH./FAX NO.01996295189, E.MAIL:- supengerroadsdoda@gmail.com)**

The Chief Engineer  
PW(R&B) Department  
Jammu.

NO:SED/R&B/12539-40

Dated: 18-11-2021

Sub:- Technical Sanction for the work Technical Sanction for "Construction of link road from Peerah (NHAI) to Kameti, L=2.00Kms" Under NABARD RIDF-XXVI (District Raman).

Sir,

Kindly find enclosed herewith the detailed estimate for an amount of **Rs. 412.10 Lakhs** received from Executive Engineer PWD (R&B) Division Ramban's letter No. 15920-24 Dated:- 16.11.2021 in requisite number of copies for grant of Technical Sanction please.

The AAA for the work stands accorded for an amount of **Rs. 421.97 Lakhs** vide your good office **order No. 46 of 2021-22 Dated:- 16.02.2021** and work stands approved under NABARD RIDF-XXVI for Rs. 418.10 lakhs (photo copy enclosed).

It is therefore requested that the necessary Technical Sanction may kindly be accorded, so that work may be put to tenders.

Yours faithfully,

Encl:

(Er. Nasir Hussain Zargar),  
Superintending Engineer,  
PWD (R&B) Circle,  
Doda.

Copy to the:-

1. Executive Engineer PWD (R&B) Division Ramban for information.



JE/SDC  
82  
15.12.21



UNION TERRITORY OF JAMMU AND KASHMIR  
OFFICE OF THE CHIEF ENGINEER PW(R&B) DEPARTMENT JAMMU

Loh Nirmal Bhawan, Rail-Head Complex, Jammu (Tawi) 180012

Phone No. 0191-2471700 Fax No. 0191-2471866

(E-mail: cejrambnpwd@gmail.com)

The Superintending Engineer  
PWD (R&B) Circle  
Doda

Order No: - 636 of November 2021

Subject: - Technical Sanction for Construction of link road from Peerah (NHAI) to Kameti, Length = 2.00 Kms under NABARD (District Ramban).

Ref: - Accord of Administrative Approval vide this office order No. 46 of 2021 dated 16.02.2021 issued under endorsement No. CEJ/DB/19166-72 dated 16.02.2021

In reference to your office recommendation vide letter No. SED/R&B/12539-40 dated 18.11.2021, the Technical Sanction to the estimate of above referred work amounting to Rs.357.50 lacs (Rupees Three Hundred Fifty Seven Lacs Fifty Thousand only) is hereby conveyed subject to following conditions :-

1. Work has been executed as per standard specification on which rate allotment has been made.
2. Rates allotted / provided in the estimate are certified to be the reasonable for such type of work, by the Executive Engineer.
3. Technical sanction shall not be construed as any approval and proper rate analysis/tender rate/sanction Schedule of rate shall be followed to ensure reasonability/ rationality of rates.
4. The Expenditure is strictly restrict to the allotment made for this work and no liability created in any case.
5. The Expenditure be made upto the extent of budgetary provisions only.
6. The Expenditure be incurred only after drawl of agreement and within its provisions.
7. The total Expenditure does not exceed over and above the approved AA cost.
8. The expenditure on this account is debited to the Head of accounts under which the funds have been released.
9. Work has been executed strictly as per approved design and drawings.
10. All quality control tests are conducted.
11. No change in proposals / specifications envisaged in the detailed estimate Technically sanctioned shall be made without prior approval of competent authority.
12. Rates provided as lower market rates (LMR) shall not be construed as approved rates. Executive Engineer shall follow the codal procedure while such payments.

No: - CEJ/DB/ 18706-07

Dated: - 23/11/2021

(P. MANZOOR HUSSAIN)

CHIEF ENGINEER

PW(R&B) DEPARTMENT,  
JAMMU

Copy to the:-

1. Executive Engineer, PWD (R&B) Division Ramban for information

110/ce/111  
For n/sd  
P  
22/11/21

2027  
9.12.21





# OFFICE OF THE CHIEF ENGINEER PW(R&B) DEPARTMENT JAMMU

OFFICE  
Lok Nirman Bhawan, Rail-Head Complex  
Jammu (Tawi) 180012  
(E-mail: cejmurnbpwd@gmail.com)

Office No. (2471788)  
Office Fax No. (2471866)

**Subject:** Construction of road from Peerah (NHAI) to Kameti, Length = 2.00 Kms  
(under NABARD RIDF XXVI).  
And Accord of Administrative Approval thereof.

ORDER NO. : - 46 OF 2021  
DATED : - 02 - 2021

As recommended by the Superintending Engineer PWD (R&B) Jammu-Kathua Circle, Jammu vide no. SED/R&B/10102-04 dated 27.01.2021, Administrative Approval is hereby accorded for above noted work for an amount of Rs.421.97 lacs (Rupees Four Hundred Twenty One Lacs Nenety Seven Thousand only).

The Administrative Approval is however, subject to the following conditions:-

1. The works shall be taken up for execution only after specific authorization of funds is made by the NABARD / Administrative Department.
2. The works shall be executed after observing all Codal formalities / procedures.
3. It must be ensured that there shall be no multi-source of funding or overlapping of schemes under different programmes.
4. The scheme shall be executed only after encumbrance's free land is available.
5. That the works are executed strictly as per provisions and specifications of the sanctioned estimates / NABARD guidelines.
6. Schemes / project shall be completed within stipulated time.
7. There is no time over-run or cost over-run involved in the project.
8. Accord of Administrative Approval shall not be treated as an authority to spend money not provided for in the budget.
9. Quality control is mentioned in accordance with standards set under MORTH/IRC code.
10. The detailed estimate of the work shall be technically sanctioned by the competent authority and proposals strictly devised and designed as per the relevant code of MORD /MORTH and IRC Manual specifications as per the relevant code.
11. Any such item(s) not covered under relevant schedule of rates is paid in accordance with the set codal procedure.
12. The structural design of the cross drainage is got authenticated by the competent authority well before the execution of work. The design shall also account for the latest HFL.
13. The NOC from the concerned regulatory Authorities such as forest department is obtained before the commencement of the work.

  
(Er. A.K. Kikloo)  
CHIEF ENGINEER,  
PW(R&B) DEPARTMENT,  
JAMMU

No.: CEJ/DB/ 19166 - 72  
Dated: 16 -02-2021

Copy for information to the:-

1. Financial Commissioner to Govt. Planning & Development Department Civil Sectt. Jammu
2. Principal Secretary to Govt. Public Works (R&B) Department Civil Sectt. Jammu
3. Accountant General J&K, Jammu.
4. General Manager, NABARD Regional office J&K.
5. Superintending Engineer PWD(R&B) Circle Doda.
6. Assistant General Manager, NABARD Regional Office Jammu.
7. Executive Engineer PWD (R&B) Division, Ramban.

# CALCULATION FOR BENEFIT COST RATIO

of the scheme:

Construction of road from Peerah ( NHA) to Kameti) ( Under NABARD Phase 1st)

Total cost of project /scheme	=	Rs	421.97	Lacs
Length of the road of project	=		2.00	kms
Population	=		5000	
PCUs	=		480	

## SAVING IN VEHICLE OPERATING COST.

As per IRC norms and guidelines of May, 1998 Assuming the vehicle operating cost at Rs.7.00 / km / PCU

The annual saving in VOC may be quantified as under

V.O.C x length x PCUs x 365

$$7 \times 2.0 \times 480 \times \frac{365}{100000} = \text{Rs } 24.53 \text{ Lacs}$$


## TRAVEL TIME SAVED

Population	=	5000	Souls
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Assuming 15% of the population is engaged in taking commercial activities with average time reduction of 5min/km with probability of securing employment at 0.65 and the current wage rate at Rs. 350/ day , the proportionate saving in travel time shall be as under :-

$$\frac{15}{100} \times 5000 \times \frac{5}{60} \times \frac{365}{8} \times 2.00 \times 0.65 \times \frac{350}{100000} = \text{Rs } 12.97 \text{ Lacs}$$

$$\text{Total benefits} = 81.33 + 24.53 + 12.97 = \text{Rs } 118.83 \text{ Lacs}$$

  
Asstt. Executive Engineer  
PWD (R&B) Sub - Division  
Batote

  
Executive Engineer  
PWD (R&B) Division  
Ramban


## COST BENEFIT ANALYSIS


#REF!

Construction of road from Peerah ( NHAI) to Kameti) ( Under NABARD Phase 1st)

JAMMU & KASHMIR		30%	40%	30%		
Particulars	Rs in lacs	1st year	2nd year	3rd year	4th year	Total
Capital cost of project	421.97	126.59	168.79	126.59	-	-
Benefits	118.83	17.83	41.59	59.42	118.83	-
Income Factor	-	0.87	0.756	0.658	2.73	-
Present worth of cost	-	110.13	127.60	83.30	-	321.03
Present worth of benefit	-	15.51	31.44	39.10	324.42	410.47

$$\text{Therefore BCR} = \frac{410.47}{321.03} = 1.28 > 1$$

  
Asst. Executive Engineer  
PWD (R&B) Sub- Division  
Batote

  
Executive Engineer  
PWD (R&B) Division  
Ramban

# Office Address

Nov. to April : Van Bhawan, Below Gumat, Jammu-180001  
Phone: 0191-2560585, 2548397, Fax: 0191-2547276  
May to October: Forest Complex, Sheikh Bagh Lal Chowk, Sgr. 190001  
Phone: 0194-2484938, 2483937, Fax: 0194-2455027



URL Address: [www.jkforest.gov.in](http://www.jkforest.gov.in)  
E-mail: [officeforest@gmail.com](mailto:officeforest@gmail.com)  
[officeforest1@gmail.com](mailto:officeforest1@gmail.com)



## Jammu & Kashmir Forest Department Office of the Pr. Chief Conservator of Forests & HoFF, Government of Jammu & Kashmir

Full Title of the Project: Construction of Road from Peerah (NHAI) to Kameli

File No: FP/JK/ROAD/151949/2022

Date of Proposal: 23-02-2022

### Undertaking for payment of net present value of forest area & Addl. NPV.

It is to certify that I/We PWD (R&B) DIVISION RAMBAN have applied for

diversion of 0.99 ha of forest area for the purpose of

Const. of Road from Peerah to Kameli

I/We, hereby undertake to pay the

net present value (NPV) of the above forest land. I/We also hereby undertake to

pay the additional amount of NPV, if so determined as per the decision of the

Hon'ble Supreme Court, at a later date.

Place: Bhatote

Date: 23-02-2022

Signature of User Agency

Office Seal Nodal Officer  
PWD (R&B) Division  
Ramban

(Kind Deep Singh) JKFS  
County Divisional Forest Officer

Divisional Forest Officer,

Forest Division,

Office Seal



## Office Address

Nov. to April : Van Bhawan, Below Gumat, Jammu-180001  
Phone: 0191-2560585, 2548397, Fax: 0191-2547276  
May to October: Forest Complex, Sheikh Bagh, Lal Chowk, Sgr. 190001  
Phone: 0194-2484939, 2483937, Fax: 0194-2455027



URL Address: [www.jkforest.gov.in](http://www.jkforest.gov.in)  
E-mail: [profjforest@gmail.com](mailto:profjforest@gmail.com)  
[ccfcajkt@gmail.com](mailto:ccfcajkt@gmail.com)



### Jammu & Kashmir Forest Department Office of the Pr. Chief Conservator of Forests & HoFF, Government of Jammu & Kashmir

Full Title of the Project: *Construction of Road from Deethah (NH44) to Kameti*

File No: *FP/JK/ROAD/151949/2022*

Date of Proposal: *23-02-2022*

#### Undertaking for payment of cost of compensatory afforestation

I/We PWD(R&B) DIVISION RAMBAN hereby undertake to pay

the entire amount for compensatory afforestation in lieu of the forest area diverted for \_\_\_\_\_ as per the prevailing wage rates at the time of plantations.

Place: *Batote*

Date: *22-02-2022*

*e/s*

*Kuldeep Singh*

*(Kuldeep Singh) JKPS*

*Batote Forest Division*

\_\_\_\_\_  
Forest Division,

Office Seal \_\_\_\_\_

Signature of User Agency *[Signature]*

Nodal Officer

Office Seal *PWD (R&B) Division*  
*Ramban*



Full Title of the Project: Construction of Road from Perak (NHAI) to Kameti

File No: FP/JK/ROAD/15/949/2022

Date of Proposal: 23-02-2022

### Certificate for Minimum Use of Forest Land

This is to certify that all alternative alignments/locations have been explored and the forest area involved in the proposal is unavoidable and barest minimum forest area i.e. 0.99 Ha. area has been proposed diversion.

Place: Datate

Date: 22-02-2022

Signature of User Agency

Office Seal

Node Officer  
PPT (R&S) Division  
Ramban

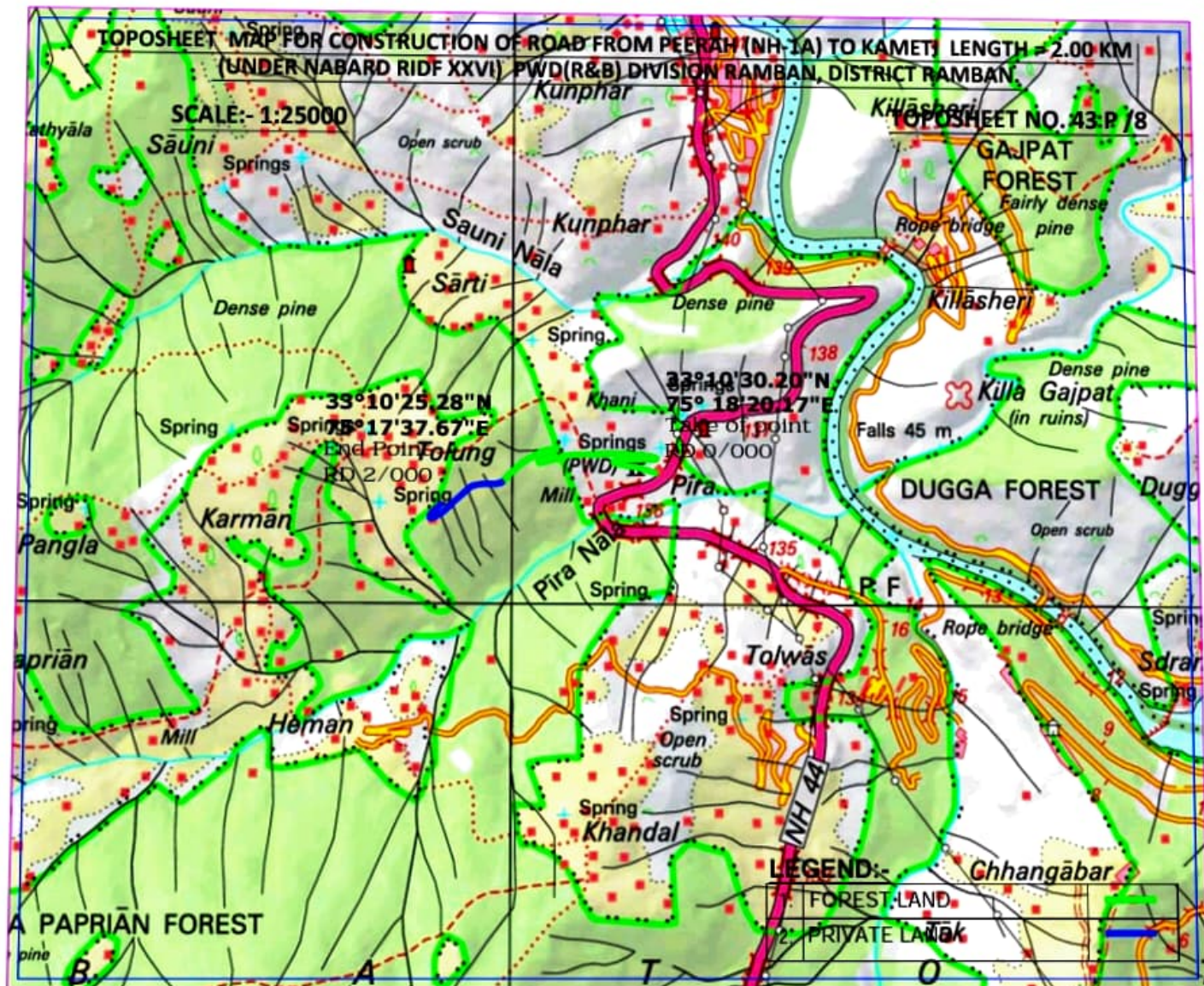
g/s  
belu3  
(Kandeep Singh) JKFS  
Countersigned  
Datate Forest Division  
Divisional Forests Officer,  
Forest Division,

Office Seal

TOPOSHEET MAP FOR CONSTRUCTION OF ROAD FROM PEERAH (NH-1A) TO KAMETI LENGTH = 2.00 KM  
(UNDER NABARD RIDF XXVI) PWD(R&B) DIVISION RAMBAN, DISTRICT RAMBAN.

SCALE:- 1:25000

TOPOSHEET NO. 43 P / 8





**GPS MAP FOR CONSTRUCTION OF ROAD FROM PEERAH (NH-1A) TO KAMETI LENGTH = 2.00 KM  
(UNDER NABARD RIDF XXVI) PWD(R&B) DIVISION RAMBAN, DISTRICT RAMBAN.**

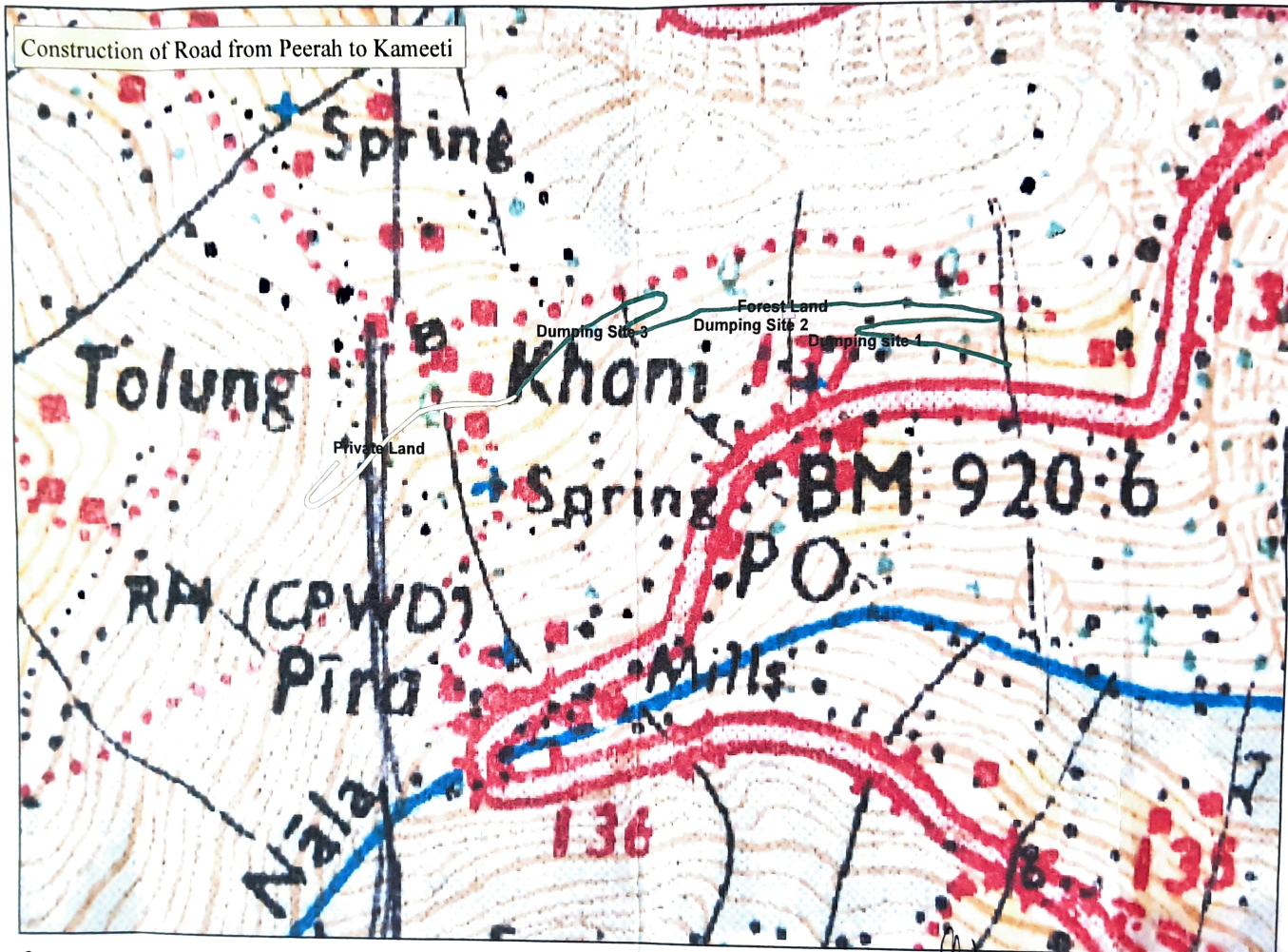


**LEGEND:-**

1.	FOREST LAND	<span style="color: green;">—</span>
2.	PRIVATE LAND	<span style="color: blue;">—</span>
3.	DUMPING POINT	<span style="color: yellow;">—</span>
4.	OTHER ROADS	<span style="color: black;">—</span>



Construction of Road from Peerah to Kameeti

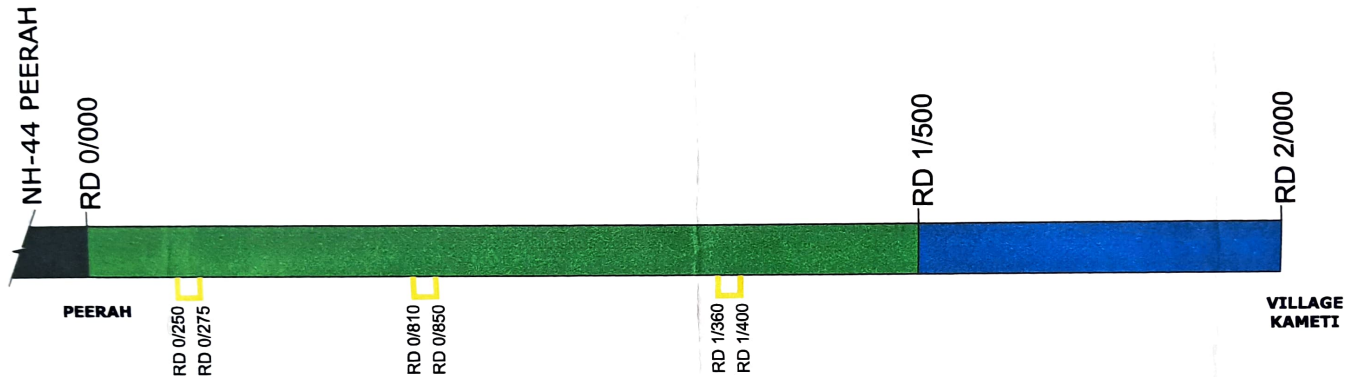


*Handwritten signature*

Assistant Executive Engineer  
Executive Engineer  
BATOTE  
P.W.D.(R&B) Division



**LAYOUT PLAN FOR CONSTRUCTION OF ROAD FROM PEERAH (NH-1A) TO KAMETI LENGTH = 2.00 KM**  
**(UNDER NABARD RIDF XXVI) PWD(R&B) DIVISION RAMBAN, DISTRICT RAMBAN.**



**FOREST AREA DETAIL**

AREA DETAIL OF ROAD	LENGTH X WIDTH	AREA
RD 0/000 TO 1/500	500M X 6 M	<u>9000 M<sup>2</sup> - A</u>

**DUMPING AREA DETAIL**

RD 0/225 TO 0/265	20 M X 15 M	300 M <sup>2</sup>
RD 0/810 TO 0/850	20 M X 15 M	300 M <sup>2</sup>
RD 1/360 TO 1/400	20 M X 15 M	<u>300 M<sup>2</sup></u>
<b>TOTAL</b>		<b><u>900 M<sup>2</sup> - B</u></b>

**TOTAL AREA = A+B= 9000+900 = 9900 M<sup>2</sup> OR 0.99 HECTARE**

**LEGEND:-**

1.	FOREST LAND	
2.	PRIVATE LAND	
3.	DUMPING SITE	
4.	OTHER ROAD	

*Assistant Executive Engineer*  
**PWD (R&B) Sub-Division**  
**BATOTE**

*Executive Engineer*  
**PWD (R&B) Sub-Division**



# Georeference Map for Site Plan

GT Sheet No 43 O/8

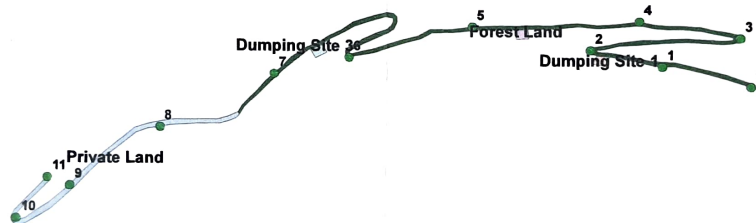
1:6,000



## Construction of Road from Peerah to Kameeti

FID	Longitude	Latitude
0	75° 18' 19.962" E	33° 10' 30.075" N
1	75° 18' 14.700" E	33° 10' 31.110" N
2	75° 18' 10.416" E	33° 10' 31.954" N
3	75° 18' 19.318" E	33° 10' 32.570" N
4	75° 18' 13.327" E	33° 10' 33.434" N
5	75° 18' 3.310" E	33° 10' 33.182" N
6	75° 17' 55.820" E	33° 10' 31.606" N
7	75° 17' 51.285" E	33° 10' 30.760" N
8	75° 17' 44.379" E	33° 10' 27.955" N
9	75° 17' 38.934" E	33° 10' 24.900" N
10	75° 17' 35.759" E	33° 10' 23.202" N
11	75° 17' 37.569" E	33° 10' 25.328" N

GPS\_Coordinates  
Name  
Dumping Site 1  
Dumping Site 2  
Dumping Site 3  
Forest Land  
Private Land



75°17'30"E

75°17'45"E

75°18'0"E

75°18'15"E

75°18'30"E

*Signature*

Assistant Executive Engineer

PWD (R&B) Division

BATGTE

*Signature*

Executive Engineer

PWD (R&B) Division