

## CHECKLIST

**Name of the Proposal: Diversion of 5.146 ha. Forest Land for Additional ROW Requirement for Development of Two Bridges located at Km- 2+250 to Km- 3+450 and Km- 10+100 to 10+560 of Chenani - Sudhmahadev Road (NH- 244).**

**Division: Forest Division Udhampur**

S. No.	Particulars	Document enclosed (Yes/No)
1	Fill the Form-A (Part-II)	Enclosed (Page No.2-3)
2	Joint Inspection by the representative of DFO and Project Authority and authentication of:	
	(i) inspection report	Enclosed (Page No.4)
	(ii) enumeration list of trees/poles on the forest	Enclosed (Page No.5-15)
	(iii) calculation of area (length and width) of forest land involved	Enclosed (Page No.16)
	(iv) Layout plan with dimensions	Enclosed (Page No.17-21(a))
3	Certificate that all alternatives have been explored and the proposed forest land is the minimum land required for the project, as per format (attached) .	Enclosed (Page No.21(b))
4	C.A. Proposal approved by the competent authority	Enclosed (Page No.22-25)
5	Geo-reference map of CA site	Enclosed (Page No.26-28)
6	Suitability certificate from the DFO regarding area proposed for CA (degraded forest land/non-forest land) suitable from management point of view, as per the format (attached)	Enclosed (Page No.29)
7	Calculation sheet of NPV	Enclosed (Page No.30-33)
8	Calculation sheet of Extraction charges	
9	Undertaking by User Agency to pay the following for the forest land involved duly countersigned by DFO as per the format (attached).	
	a) C.A	Enclosed (Page No.34)
	b) the Net Present Value (NPV)	Enclosed (Page No.35)
	c) Additional Net Present Value (NPV) if any,	
10	All proposals involving forest land more than 5 Ha (except for defence and building construction related cases) shall include a cost-benefit analysis, as per the format.	Enclosed (Page No.36-40)
11	Site inspection report of DFO as per the format (attached)	Enclosed (Page No.41)
12	Muck disposal plan	Enclosed (Page No.42)
13	Specific recommendation of DFO	Enclosed (Page No.43)
15	Violation report, if any	-

  
 Divisional Forest Officer  
 Udhampur Forest Division  
 Udhampur

**CHECKLIST**

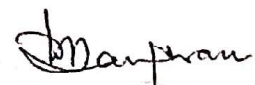
**Name of the Proposal:** Diversion of 5.146 ha. Forest land for Additional Right of Way (ROW) requirement for Development of Two Bridges located at Km- 2+250 to Km- 3+450 and Km- 10+100 to Km- 10+560 of Chenani - Sudhmahadev Road (NH- 244)

**Division:** Udhampur

**User Agency:** National Highways & Infrastructure Development Corporation Limited (NHIDCL), Ministry of Road, Transport & Highways (Govt. of India), PMU- Akhnoor, J&K (U/T)

S.no	Particulars	Document enclosed (Yes/No)
1	Register online through the portal "parivesh.nic.in"	Yes
2	Fill the Form-A- Part-I (extent of proposed area for diversion to be preferably in two digits after decimal)	Yes
3	Upload authorization letter to the person submitting application on PARIVESH portal by the competent authority of the user agency. ID Card, PAN Card etc not to be uploaded.	Yes
4	Upload colored Survey of India Toposheet Map of the project site / forest land to be diverted, or any suitable map with legend authenticated by the representative of DFO (Territorial) and Project Authority	Yes
5	Upload KML file of the forest land to be diverted under the project. KML of Non-Forest Land (NFL) in different shade to be uploaded, if necessary.	Yes
6	Upload Geo-reference map showing GPS Coordinates of the forest land proposed for diversion	Yes
7	Upload Justification for locating the project on forest land	Yes
8	Upload original copy of the communication addressed to the concerned Deputy Commissioner for recognition and vesting of forest rights in accordance with the provisions of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007) for the entire forest land indicated in the proposal	Yes
9	Additional documents:	Yes
i)	Brief Project Note (covering the main features of the proposal, particularly, its implication on environment/forest and mitigation measures like construction of retaining/breast walls and number of people to be benefited from the project)	Yes
ii)	Approval of the project by the competent authority.	Yes

  
**Divisional Forest Officer,**  
**Divisional Forest Officer**  
**Udhampur Forest Division**  
**Udhampur**

  
**(S.P.S Sangwan)**  
**General Manager (P)**  
**NHIDCL, PMU-Akhnoor**  
**General Manager (P)**  
**N.H.I.D.C.L.,**  
**PMU-Akhnoor (J&K)**



**Diversion of 5.146 ha. Forest Land for Additional ROW Requirement for Re-alignment and Dumping points(2 no.) at Km- 2+620 to Km- 3+450 and Km- 10+380 to 10+570 of Chenani - Sudhmahadev Road(upgradation) (NH- 244)**

**PART-II**

(To be filled by concerned Deputy Conservator of Forests)

**Location of the Project/Scheme**

7		
i	State/ Union Territory	Jammu and Kashmir
ii	District	Udhampur
lii	Forest Division	Udhampur
Iv	Area of the forest land proposed for Diversion (in Hact)	5.146 Ha.
v	Legal Status Forest	Demarcated Forest Land
vi	Density of Vegetation:	70% (0.7)
vii	Species-wise(Scientific names) and diameter class-wise enumeration of trees (to be enclosed).In case of Irrigation/ hydro projects enumeration at FRL, FRL-2 meter & FRL-1 meter also be enclosed	List enclosed
viii	Brief on Vulnerability of the forest area to erosion.	As the terrain is hilly, all possible preventive measures will have to be taken by the user agency for preventing the possibility of soil erosion.
ix	Approximate distance of proposed site for diversion from boundary of forest.	0.00 KM
x	Whether any part of National Park/ WL Sanctuary, Biosphere reserve, tiger reserve, Elephant corridor etc. (if so. the detail of the area and comments of the chief wildlife warden to Annexure)	No
xi	Whether any rare/ endangered unique species of flora and fauna is an area? if so details there of	No
	Whether any protected archeological/ heritage site/defense establishment or any other important monument is located in the area? If so, the details thereof with NOC from competent authority, if required	No archeological/heritage site/defense establishment exists in this area.
8.	Whether the requirement of forestland as proposed by the user agency in col 2 of Para-I is unavoidable and barest minimum for the project? If no, recommended area item wise with details of alternatives examined.	Yes.
9.	Whether any work in violation of the act has been carried out if Yes details of the same including period of work done. Action taken on erring officials. Whether work in violation is still in progress.	No
10.	Details of compensatory Afforestation scheme.	CA Scheme Attached
	i) Details of non forest area/ degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches and size of each patch.	The compensatory afforestation will be carried out in one patch as per detail given at Page:

*[Signature]*  
S.O. Kunal

*[Signature]*  
S.O. Guard  
Margina

*[Signature]*  
S.O. Ben  
Kashmir

	ii) Map showing non forest/ degraded forest area identified for Compensatory afforestation and adjoining forest boundaries.	Attached
	iii) Detailed compensatory afforestation scheme including species to be planted implementing agency, time schedule, cost Structure.	Detailed of CA Scheme attached
	iv) Total financial outlay for compensatory afforestation scheme.	The financial outlay for raising plantation and its maintenance under compensatory scheme comes out to be Rs. 943802/-
	v) Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from Management point of view (to be signed by concerned Deputy Conservator of Forests)	Certificate attached.
11.	Site inspection report of the DCF (to be enclosed) especially highlighted facts asked in col. 7(ix, xii), 8 & 9 above	Inspection report attached
12.	<b>Division/ District Profile:</b>	
	i) Geographical area of the District	2380 Sq. Kms
	ii) Forest area of the District	1070.79 SqKms
	iii) Total forest area diverted since 1980 with number of cases.	440.3564 Ha. (123 Nos. Cases)
	iv) Total compensatory afforestation stipulated in the District/ Division since 1980	2216 Ha.
	a) Forest land including penal compensatory afforestation	2216 Ha.
	b) Non forest land	-
	v) Progress of compensatory afforestation as on date	19-12-2020
	a) Forest Land	2216 Ha.
	b) Non Forest Land	-
13	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons:	Recommended.

Dated:

Place:

*2/11/20*  
*21.06.2020*

*3/11/20*  
 Beat Guard  
 Margana

*11/11/20*  
 B.O. Khet

*c/s*  
 Divisional Forest Officer  
 Udhampur Forest Division  
 Udhampur

*Attested*  
*13/11/20*  
 A.D. Duda



### Joint inspection

Today on 07-08-2020 the undersigned along with the concerned beat guard conducted the joint inspection with the representative of user agency NHIDCL for "upgradation of Chenani-Sudhmahadev road". During the joint inspection following area of Territorial Forest Division Udhampur was found involved.

S.No	Particular	Comptt. No.	Forest area proposed for diversion/upgradation (Ha.)				
			R.D no.	Length (m)	Width (m)	Total area (sqm)	Total area (Ha)
1.	Dudu	97a/D	R.D 2.620 KM to R.D 3.250 KM	630	30	18900	1.89
			R.D 3.250 KM to R.D 3.450	200	24	4800	0.48
Total						23700	2.37
2.	Dudu	97b/D	For Muck Dumping D-1			13300	1.33
Total						13300	1.33
3.	Dudu	101b/D	R.D 10.380 KM to R.D 10.430 Km	50	30	1500	0.15
			R.D 10.430 KM to R.D 10.570 KM	140	14	1960	0.196
			For muck Dumping D-2			11000	1.10
Total						14460	1.446
G.Total (Total Forest Land involved)						51460	5.146

- Further, on inspection of the site (as per the nishandehi given by the representative of user agency) it has been found that the land required by the user agency is a forest area measuring 5.146 hectare of forest comptt. 97a/D, 97b/D and 101b/D.
- The requirement of the forest land is proposed by the user agency is unavoidable and is barest minimum required for the project.
- The user agency has not violated the provision of Forest Conservation Act, 1980 and no upgradation work has been started without proper sanction.

*Anuraj Singh*  
Site Engineer  
NHIDCL

*d/s*  
Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

*Bo. Fuel.*

*Attested.*

*9/8/20*  
Forest Range Officer  
Dudu Forest Division

**General Abstract of trees/poles coming under the upgradation of Chenani- Sudhmahadev road(re-alignment and dumping point no.1) passing through the forest land Co. 97a/D, 97b/D and 101b/D**

S.No	Species	Botanical Name	Girth (in Cm's)											Total
			0-30	31-60	61-90	91-120	121-150	151-180	181-210	211-240	241-270	271-300		
1	Chir	Pinus roxburghii	384	10	7	27	49	55	60	59	31	3	685	
2	Deodar	Cedrus deodara	11	14	12								37	
3	Kiker	Robinia pseudoacacia	28										28	
4	Shisham	Dalbergia sissoo	14										14	
5	Kau	Olea cuspidata	27										27	
6	Anardana	Punica granatum	7										7	
7	Tunu	Toona ciliata	4										4	
8	Sadi	Prunus armeniaca	1										1	
9	Dhaman	Grewia optiva		1									1	
10	Kainth	Pyrus pashia		2									2	
11	Trimbal	Ficus racemosa	1										1	
12	Draink	Melia azedarach		1									1	
			477	28	19	27	49	55	60	59	31	3	808	

Certified that the trees/poles has been enumerated by u/s along with the concerned baet guard as per the spot nishandehi given by the representative of the user agency coming under the upgradation of Chenani Sudhmahadev road(re-alignment and dumping point no. 1 and 2) passing through the Co. 97a/D, 97b/D and 101b/D.

Divisional Officer  
Forest Division  
Udhampur

Beat Guard  
Margana

Beat Guard  
Karlach-II

Block Forest Officer  
Kud Block

Signature



Enumeration list of trees/poles coming under the upgradation of Chenani- Sudhmahadev road(re-alignment and dumping point no.1) passing through the forest land Co. 97a/D and 97b/D

S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks	S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks
1	97a/D	Chir	Pinus roxburghii	147	Green Standing	30	97a/D	Chir	Pinus roxburghii	200	Green Standing
2	97a/D	Chir	Pinus roxburghii	200	Green Standing	31	97a/D	Chir	Pinus roxburghii	243	Green Standing
3	97a/D	Chir	Pinus roxburghii	147	Green Standing	32	97a/D	Chir	Pinus roxburghii	228	Green Standing
4	97a/D	Chir	Pinus roxburghii	170	Green Standing	33	97a/D	Chir	Pinus roxburghii	218	Green Standing
5	97a/D	Chir	Pinus roxburghii	208	Green Standing	34	97a/D	Chir	Pinus roxburghii	223	Green Standing
6	97a/D	Chir	Pinus roxburghii	208	Green Standing	35	97a/D	Chir	Pinus roxburghii	200	Green Standing
7	97a/D	Chir	Pinus roxburghii	271	Green Standing	36	97a/D	Chir	Pinus roxburghii	129	Green Standing
8	97a/D	Chir	Pinus roxburghii	121	Green Standing	37	97a/D	Chir	Pinus roxburghii	170	Green Standing
9	97a/D	Chir	Pinus roxburghii	175	Green Standing	38	97a/D	Chir	Pinus roxburghii	203	Green Standing
10	97a/D	Chir	Pinus roxburghii	160	Green Standing	39	97a/D	Chir	Pinus roxburghii	231	Green Standing
11	97a/D	Chir	Pinus roxburghii	256	Green Standing	40	97a/D	Chir	Pinus roxburghii	241	Green Standing
12	97a/D	Chir	Pinus roxburghii	198	Green Standing	41	97a/D	Chir	Pinus roxburghii	182	Green Standing
13	97a/D	Chir	Pinus roxburghii	215	Green Standing	42	97a/D	Chir	Pinus roxburghii	210	Green Standing
14	97a/D	Chir	Pinus roxburghii	99	Green Standing	43	97a/D	Chir	Pinus roxburghii	213	Green Standing
15	97a/D	Chir	Pinus roxburghii	203	Green Standing	44	97a/D	Chir	Pinus roxburghii	231	Green Standing
16	97a/D	Chir	Pinus roxburghii	139	Green Standing	45	97a/D	Chir	Pinus roxburghii	190	Green Standing
17	97a/D	Chir	Pinus roxburghii	213	Green Standing	46	97a/D	Chir	Pinus roxburghii	238	Green Standing
18	97a/D	Chir	Pinus roxburghii	208	Green Standing	47	97a/D	Chir	Pinus roxburghii	162	Green Standing
19	97a/D	Chir	Pinus roxburghii	251	Green Standing	48	97a/D	Chir	Pinus roxburghii	154	Green Standing
20	97a/D	Chir	Pinus roxburghii	182	Green Standing	49	97a/D	Chir	Pinus roxburghii	111	Green Standing
21	97a/D	Chir	Pinus roxburghii	205	Green Standing	50	97a/D	Chir	Pinus roxburghii	182	Green Standing
22	97a/D	Chir	Pinus roxburghii	185	Green Standing	51	97a/D	Chir	Pinus roxburghii	104	Green Standing
23	97a/D	Chir	Pinus roxburghii	238	Green Standing	52	97a/D	Chir	Pinus roxburghii	185	Green Standing
24	97a/D	Chir	Pinus roxburghii	167	Green Standing	53	97a/D	Chir	Pinus roxburghii	213	Green Standing
25	97a/D	Chir	Pinus roxburghii	223	Green Standing	54	97a/D	Chir	Pinus roxburghii	116	Green Standing
26	97a/D	Chir	Pinus roxburghii	238	Green Standing	55	97a/D	Chir	Pinus roxburghii	177	Green Standing
27	97a/D	Chir	Pinus roxburghii	165	Green Standing	56	97a/D	Chir	Pinus roxburghii	190	Green Standing
28	97a/D	Chir	Pinus roxburghii	238	Green Standing	57	97a/D	Chir	Pinus roxburghii	233	Green Standing
29	97a/D	Chir	Pinus roxburghii	127	Green Standing	58	97a/D	Chir	Pinus roxburghii	226	Green Standing

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S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks	S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks
59	97a/D	Chir	Pinus roxburghii	193	Green Standing	91	97a/D	Chir	Pinus Roxburghii	187	Green Standing
60	97a/D	Chir	Pinus roxburghii	220	Green Standing	92	97a/D	Chir	Pinus Roxburghii	203	Green Standing
61	97a/D	Chir	Pinus roxburghii	175	Green Standing	93	97a/D	Chir	Pinus Roxburghii	213	Green Standing
62	97a/D	Chir	Pinus roxburghii	233	Green Standing	94	97a/D	Chir	Pinus Roxburghii	157	Green Standing
63	97a/D	Chir	Pinus roxburghii	172	Green Standing	95	97a/D	Chir	Pinus Roxburghii	160	Green Standing
64	97a/D	Chir	Pinus roxburghii	256	Green Standing	96	97a/D	Chir	Pinus Roxburghii	96	Green Standing
65	97a/D	Chir	Pinus roxburghii	238	Green Standing	97	97a/D	Chir	Pinus Roxburghii	193	Green Standing
66	97a/D	Chir	Pinus roxburghii	228	Green Standing	98	97a/D	Chir	Pinus Roxburghii	203	Green Standing
67	97a/D	Chir	Pinus roxburghii	210	Green Standing	99	97a/D	Chir	Pinus Roxburghii	157	Green Standing
68	97a/D	Chir	Pinus roxburghii	208	Green Standing	100	97a/D	Chir	Pinus Roxburghii	139	Green Standing
69	97a/D	Chir	Pinus roxburghii	256	Green Standing	101	97a/D	Chir	Pinus Roxburghii	162	Green Standing
70	97a/D	Chir	Pinus roxburghii	266	Green Standing	102	97a/D	Chir	Pinus Roxburghii	190	Green Standing
71	97a/D	Chir	Pinus roxburghii	241	Green Standing	103	97a/D	Chir	Pinus Roxburghii	139	Green Standing
72	97a/D	Chir	Pinus roxburghii	243	Green Standing	104	97a/D	Chir	Pinus Roxburghii	231	Green Standing
73	97a/D	Chir	Pinus roxburghii	215	Green Standing	105	97a/D	Chir	Pinus Roxburghii	182	Green Standing
74	97a/D	Chir	Pinus roxburghii	299	Green Standing	106	97b/D	Chir	Pinus Roxburghii	170	Green Standing
75	97a/D	Chir	Pinus roxburghii	170	Green Standing	107	97b/D	Chir	Pinus Roxburghii	213	Green Standing
76	97a/D	Chir	Pinus roxburghii	160	Green Standing	108	97b/D	Chir	Pinus Roxburghii	238	Green Standing
77	97a/D	Chir	Pinus roxburghii	127	Green Standing	109	97b/D	Chir	Pinus Roxburghii	231	Green Standing
78	97a/D	Chir	Pinus roxburghii	121	Green Standing	110	97b/D	Chir	Pinus Roxburghii	248	Green Standing
79	97a/D	Chir	Pinus roxburghii	114	Green Standing	111	97b/D	Chir	Pinus Roxburghii	238	Green Standing
80	97a/D	Chir	Pinus roxburghii	132	Green Standing	112	97b/D	Chir	Pinus Roxburghii	226	Green Standing
81	97a/D	Chir	Pinus roxburghii	114	Green Standing	113	97b/D	Chir	Pinus Roxburghii	119	Green Standing
82	97a/D	Chir	Pinus roxburghii	165	Green Standing	114	97b/D	Chir	Pinus Roxburghii	243	Green Standing
83	97a/D	Chir	Pinus roxburghii	193	Green Standing	115	97b/D	Chir	Pinus Roxburghii	104	Green Standing
84	97a/D	Chir	Pinus roxburghii	96	Green Standing	116	97b/D	Chir	Pinus Roxburghii	137	Green Standing
85	97a/D	Chir	Pinus roxburghii	99	Green Standing	117	97b/D	Chir	Pinus Roxburghii	149	Green Standing
86	97a/D	Chir	Pinus roxburghii	203	Green Standing	118	97b/D	Chir	Pinus Roxburghii	187	Green Standing
87	97a/D	Chir	Pinus roxburghii	177	Green Standing	119	97b/D	Chir	Pinus Roxburghii	195	Green Standing
88	97a/D	Chir	Pinus roxburghii	144	Green Standing	120	97b/D	Chir	Pinus Roxburghii	172	Green Standing
89	97a/D	Chir	Pinus roxburghii	182	Green Standing	121	97b/D	Chir	Pinus Roxburghii	170	Green Standing
90	97a/D	Chir	Pinus Roxburghii	200	Green Standing	122	97b/D	Chir	Pinus Roxburghii	182	Green Standing

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S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks	S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks
123	97b/D	Chir	Pinus Roxburghii	243	Green Standing	155	97b/D	Chir	Pinus Roxburghii	152	Green Standing
124	97b/D	Chir	Pinus Roxburghii	116	Green Standing	156	97b/D	Chir	Pinus Roxburghii	248	Green Standing
125	97b/D	Chir	Pinus Roxburghii	160	Green Standing	157	97b/D	Chir	Pinus Roxburghii	261	Green Standing
126	97b/D	Chir	Pinus Roxburghii	167	Green Standing	158	97b/D	Chir	Pinus Roxburghii	274	Green Standing
127	97b/D	Chir	Pinus Roxburghii	129	Green Standing	159	97b/D	Chir	Pinus Roxburghii	236	Green Standing
128	97b/D	Chir	Pinus Roxburghii	162	Green Standing	160	97b/D	Chir	Pinus Roxburghii	220	Green Standing
129	97b/D	Chir	Pinus Roxburghii	99	Green Standing	161	97b/D	Chir	Pinus Roxburghii	274	Green Standing
130	97b/D	Chir	Pinus Roxburghii	137	Green Standing	162	97b/D	Chir	Pinus Roxburghii	122	Green Standing
131	97b/D	Chir	Pinus Roxburghii	190	Green Standing	163	97b/D	Chir	Pinus Roxburghii	193	Green Standing
132	97b/D	Chir	Pinus Roxburghii	152	Green Standing	164	97b/D	Chir	Pinus Roxburghii	243	Green Standing
133	97b/D	Chir	Pinus Roxburghii	175	Green Standing	165	97b/D	Chir	Pinus Roxburghii	210	Green Standing
134	97b/D	Chir	Pinus Roxburghii	231	Green Standing	166	97b/D	Chir	Pinus Roxburghii	210	Green Standing
135	97b/D	Chir	Pinus Roxburghii	142	Green Standing	167	97b/D	Chir	Pinus Roxburghii	170	Green Standing
136	97b/D	Chir	Pinus Roxburghii	200	Green Standing	168	97b/D	Chir	Pinus Roxburghii	208	Green Standing
137	97b/D	Chir	Pinus Roxburghii	134	Green Standing	169	97b/D	Chir	Pinus Roxburghii	180	Green Standing
138	97b/D	Chir	Pinus Roxburghii	182	Green Standing	170	97b/D	Chir	Pinus Roxburghii	236	Green Standing
139	97b/D	Chir	Pinus Roxburghii	109	Green Standing	171	97b/D	Chir	Pinus Roxburghii	137	Green Standing
140	97b/D	Chir	Pinus Roxburghii	152	Green Standing	172	97b/D	Chir	Pinus Roxburghii	122	Green Standing
141	97b/D	Chir	Pinus Roxburghii	167	Green Standing	173	97b/D	Chir	Pinus Roxburghii	233	Green Standing
142	97b/D	Chir	Pinus Roxburghii	152	Green Standing	174	97b/D	Chir	Pinus Roxburghii	236	Green Standing
143	97b/D	Chir	Pinus Roxburghii	218	Green Standing	175	97b/D	Chir	Pinus Roxburghii	246	Green Standing
144	97b/D	Chir	Pinus Roxburghii	121	Green Standing	176	97b/D	Chir	Pinus Roxburghii	281	Green Standing
145	97b/D	Chir	Pinus Roxburghii	203	Green Standing	177	97b/D	Chir	Pinus Roxburghii	261	Green Standing
146	97b/D	Chir	Pinus Roxburghii	182	Green Standing	178	97b/D	Chir	Pinus Roxburghii	139	Green Standing
147	97b/D	Chir	Pinus Roxburghii	129	Green Standing	179	97b/D	Chir	Pinus Roxburghii	264	Green Standing
148	97b/D	Chir	Pinus Roxburghii	248	Green Standing	180	97b/D	Chir	Pinus Roxburghii	129	Green Standing
149	97b/D	Chir	Pinus Roxburghii	259	Green Standing	181	97b/D	Chir	Pinus Roxburghii	195	Green Standing
150	97b/D	Chir	Pinus Roxburghii	274	Green Standing	182	97b/D	Chir	Pinus Roxburghii	236	Green Standing
151	97b/D	Chir	Pinus Roxburghii	213	Green Standing	183	97b/D	Chir	Pinus Roxburghii	149	Green Standing
152	97b/D	Chir	Pinus Roxburghii	172	Green Standing	184	97b/D	Chir	Pinus Roxburghii	246	Green Standing
153	97b/D	Chir	Pinus Roxburghii	147	Green Standing	185	97b/D	Chir	Pinus Roxburghii	175	Green Standing
154	97b/D	Chir	Pinus Roxburghii	190	Green Standing	186	97b/D	Chir	Pinus Roxburghii	127	Green Standing




9.

S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks	S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks
187	97b/D	Chir	Pinus Roxburghii	147	Green Standing	192	97b/D	Chir	Pinus Roxburghii	101	Green Standing
188	97b/D	Chir	Pinus Roxburghii	149	Green Standing	193	97b/D	Chir	Pinus Roxburghii	147	Green Standing
189	97b/D	Chir	Pinus Roxburghii	238	Green Standing	194	97b/D	Chir	Pinus Roxburghii	104	Green Standing
190	97b/D	Chir	Pinus Roxburghii	139	Green Standing	195	97b/D	Chir	Pinus Roxburghii	142	Green Standing
191	97b/D	Chir	Pinus Roxburghii	157	Green Standing						

### Abstract of poles/saplings

S.No	Comptt. No	Local Name	Botanical Name	Girth (in Cm)			Total
				0-30	30-60	60-90	
1	97a/D	Kiker	Robinia pseudoacacia	28	-	-	28
		Shisham	Dalbergia sissoo	14	-	-	14
		Chir	Pinus roxburghii	380	1	1	382
		Kau	Olea cuspidata	27	-	-	27
		Anardan					
		a	Punica granatum	7	-	-	7
		Tunu	Toona ciliata	4	-	-	4
			Prunus				
		Sadi	armeriaca	1	-	-	1
		Dhaman	Grewia optiva	-	1	-	1
		Kainth	Pyrus pashia	-	2	-	2
		Trimbal	Ficus racemosa	1	-	-	1
		Draink	Melia azedarach	-	1	-	1
				462	5	1	468

Certified that the trees/poles has been enumerated by u/s along with the concerned baet guard as per the spot nishandehi given by the representative of the user agency coming under the upgradation of Chenani Sudhmahadev road(re-alignment and dumping point no. 1) passing through the Co. 97a/D and 97b/D. Is is also certified that the proposed realignment also passes between the CAMPA closure Comptt. 97a/D established during the year 2011-12.

CLs  Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

 Beat Guard  
Margana

 Block Forest Officer  
Kud Block



Abstract of trees/poles coming under the upgradation of Chenani- Sudhmahadev road(re-alignment) passing through the forest land Co. 97a/D

S.No	Species	Botanical Name	Girth (in Cm's)											Total
			0-30	31-60	61-90	91-120	121-150	151-180	181-210	211-240	241-270	271-300		
1	Chir	Pinus roxburghii	380	1	1	9	12	19	31	23	9	2	487	
2	Kiker	Robinia pseudoacacia	28										28	
3	Shisham	Dalbergia sissoo	14										14	
4	Kau	Olea cuspidata	27										27	
5	Anardana	Punica granatum	7										7	
6	Tunu	Toona ciliata	4										4	
7	Sadi	Prunus armeniaca	1										1	
8	Dhaman	Grewia optiva		1									1	
9	Kainth	Pyrus pashia		2									2	
10	Trimbal	Ficus racemosa	1										1	
11	Draink	Melia azedarach		1									1	
			462	5	1	9	12	19	31	23	9	2	573	

Certified that the trees/poles has been enumerated by u/s along with the concerned baet guard as per the spot nishandehi given by the representative of the user agency coming under the upgradation of Chenani Sudhmahadev road(re-alignment) passing through the Co. 97a/D.

Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

Beat Guard  
Margana

Block Forest Officer  
Kud Block

Signature of Block Forest Officer

Kud Block

Signature of Beat Guard

Margana

Abstract of trees/poles coming under the upgradation of Chenani- Sudhmahadev road(re-alignment and dumping point no.1) passing through the forest land Co. 97b/D

S.No	Species	Botanical Name	Girth (in Cm's)										Total
			0-30	31-60	61-90	91-120	121-150	151-180	181-210	211-240	241-270	271-300	
1	Chir	Pinus roxburghii				7	21	17	14	15	15	1	90
		Total				7	21	17	14	15	15	1	90

Certified that the trees/poles has been enumerated by u/s along with the concerned baet guard as per the spot nishandehi given by the representative of the user agency coming under the upgradation of Chenani Sudhmahadev road(dumping point no. 1) passing through the Co. 97b/D.

*G. Jay*  
Beat Guard  
Margana

*M. S. D.*  
Block Forest Officer  
Kud Block

*M. S. D.*  
Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

*A. H. S.*  
*P. S. D.*  
*R. S. D.*



Abstract of trees/poles coming under the upgradation of Chenani- Sudhmahadev road(re-alignment and dumping point no.1) passing through the forest land Co. 97a/D and 97b/D

S.No	Species	Botanical Name	Girth (in Cm's)										Total
			0-30	31-60	61-90	91-120	121-150	151-180	181-210	211-240	241-270	271-300	
1	Chir	Pinus roxburghii	380	1	1	16	33	36	45	38	24	3	577
2	Kiker	Robinia pseudoacacia	28										28
3	Shisham	Dalbergia sissoo	14										14
4	Kau	Olea cuspidata	27										27
5	Anardana	Punica granatum	7										7
6	Tunu	Toona ciliata	4										4
7	Sadi	Prunus armeniaca	1										1
8	Dhaman	Grewia optiva		1									1
9	Kainth	Pyrus pashia		2									2
10	Trimbal	Ficus racemosa	1										1
11	Draink	Melia azedarach		1									1
			462	5	1	16	33	36	45	38	24	3	663

Certified that the trees/poles has been enumerated by u/s along with the concerned baet guard as per the spot nishandehi given by the representative of the user agency coming under the upgradation of Chenani Sudhmahadev road(re-alignment and dumping point no. 1) passing through the Co. 97a/D and 97b/D.

Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

Beat Guard  
Margana

Block Forest Officer  
Kud Block

Attested  
R.D. Datta



**Enumeration list of trees/poles coming under the upgradation of Chenani- Sudhmahadev road(re-alignment and dumping point no.2) passing through the forest land Co. 101b/D**

S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks	S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks
1	101b/D	Chir	Pinus roxburghii	213	Green Standing	30	101b/D	Chir	Pinus roxburghii	236	Green Standing
2	101b/D	Chir	Pinus roxburghii	223	Green Standing	31	101b/D	Chir	Pinus roxburghii	121	Green Standing
3	101b/D	Chir	Pinus roxburghii	121	Green Standing	32	101b/D	Chir	Pinus roxburghii	259	Green Standing
4	101b/D	Chir	Pinus roxburghii	167	Green Standing	33	101b/D	Chir	Pinus roxburghii	228	Green Standing
5	101b/D	Chir	Pinus roxburghii	200	Green Standing	34	101b/D	Chir	Pinus roxburghii	91	Green Standing
6	101b/D	Chir	Pinus roxburghii	144	Green Standing	35	101b/D	Chir	Pinus roxburghii	203	Green Standing
7	101b/D	Chir	Pinus roxburghii	200	Green Standing	36	101b/D	Chir	Pinus roxburghii	116	Green Standing
8	101b/D	Chir	Pinus roxburghii	198	Green Standing	37	101b/D	Chir	Pinus roxburghii	116	Green Standing
9	101b/D	Chir	Pinus roxburghii	157	Green Standing	38	101b/D	Chir	Pinus roxburghii	167	Green Standing
10	101b/D	Chir	Pinus roxburghii	172	Green Standing	39	101b/D	Chir	Pinus roxburghii	226	Green Standing
11	101b/D	Chir	Pinus roxburghii	231	Green Standing	40	101b/D	Chir	Pinus roxburghii	116	Green Standing
12	101b/D	Chir	Pinus roxburghii	223	Green Standing	41	101b/D	Chir	Pinus roxburghii	170	Green Standing
13	101b/D	Chir	Pinus roxburghii	139	Green Standing	42	101b/D	Chir	Pinus roxburghii	218	Green Standing
14	101b/D	Chir	Pinus roxburghii	213	Green Standing	43	101b/D	Chir	Pinus roxburghii	220	Green Standing
15	101b/D	Chir	Pinus roxburghii	213	Green Standing	44	101b/D	Chir	Pinus roxburghii	248	Green Standing
16	101b/D	Chir	Pinus roxburghii	248	Green Standing	45	101b/D	Chir	Pinus roxburghii	203	Green Standing
17	101b/D	Chir	Pinus roxburghii	213	Green Standing	46	101b/D	Chir	Pinus roxburghii	208	Green Standing
18	101b/D	Chir	Pinus roxburghii	129	Green Standing	47	101b/D	Chir	Pinus roxburghii	121	Green Standing
19	101b/D	Chir	Pinus roxburghii	142	Green Standing	48	101b/D	Chir	Pinus roxburghii	231	Green Standing
20	101b/D	Chir	Pinus roxburghii	167	Green Standing	49	101b/D	Chir	Pinus roxburghii	157	Green Standing
21	101b/D	Chir	Pinus roxburghii	160	Green Standing	50	101b/D	Chir	Pinus roxburghii	165	Green Standing
22	101b/D	Chir	Pinus roxburghii	157	Green Standing	51	101b/D	Chir	Pinus roxburghii	264	Green Standing
23	101b/D	Chir	Pinus roxburghii	160	Green Standing	52	101b/D	Chir	Pinus roxburghii	152	Green Standing
24	101b/D	Chir	Pinus roxburghii	165	Green Standing	53	101b/D	Chir	Pinus roxburghii	127	Green Standing
25	101b/D	Chir	Pinus roxburghii	187	Green Standing	54	101b/D	Chir	Pinus roxburghii	134	Green Standing
26	101b/D	Chir	Pinus roxburghii	134	Green Standing	55	101b/D	Chir	Pinus roxburghii	205	Green Standing
27	101b/D	Chir	Pinus roxburghii	220	Green Standing	56	101b/D	Chir	Pinus roxburghii	157	Green Standing
28	101b/D	Chir	Pinus roxburghii	144	Green Standing	57	101b/D	Chir	Pinus roxburghii	215	Green Standing
29	101b/D	Chir	Pinus roxburghii	101	Green Standing	58	101b/D	Chir	Pinus roxburghii	215	Green Standing

*Handy.*  
*B.O. Kud.*

*Handy.*  
*He Beas kaal nu*



S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks	S.No	Comptt. No	Local Name	Botanical Name	Girth (in cm)	Remarks
59	101b/D	Chir	Pinus roxburghii	167	Green Standing	75	101b/D	Chir	Pinus roxburghii	228	Green Standing
60	101b/D	Chir	Pinus roxburghii	182	Green Standing	76	101b/D	Chir	Pinus roxburghii	162	Green Standing
61	101b/D	Chir	Pinus roxburghii	160	Green Standing	77	101b/D	Chir	Pinus roxburghii	162	Green Standing
62	101b/D	Chir	Pinus roxburghii	99	Green Standing	78	101b/D	Chir	Pinus roxburghii	193	Green Standing
63	101b/D	Chir	Pinus roxburghii	215	Green Standing	79	101b/D	Chir	Pinus roxburghii	121	Green Standing
64	101b/D	Chir	Pinus roxburghii	254	Green Standing	80	101b/D	Chir	Pinus roxburghii	203	Green Standing
65	101b/D	Chir	Pinus roxburghii	243	Green Standing	81	101b/D	Chir	Pinus roxburghii	228	Green Standing
66	101b/D	Chir	Pinus roxburghii	106	Green Standing	82	101b/D	Chir	Pinus roxburghii	248	Green Standing
67	101b/D	Chir	Pinus roxburghii	101	Green Standing	83	101b/D	Chir	Pinus roxburghii	220	Green Standing
68	101b/D	Chir	Pinus roxburghii	142	Green Standing	84	101b/D	Chir	Pinus roxburghii	223	Green Standing
69	101b/D	Chir	Pinus roxburghii	182	Green Standing	85	101b/D	Chir	Pinus roxburghii	177	Green Standing
70	101b/D	Chir	Pinus roxburghii	182	Green Standing	86	101b/D	Chir	Pinus roxburghii	106	Green Standing
71	101b/D	Chir	Pinus roxburghii	104	Green Standing	87	101b/D	Chir	Pinus roxburghii	121	Green Standing
72	101b/D	Chir	Pinus roxburghii	198	Green Standing	88	101b/D	Chir	Pinus roxburghii	132	Green Standing
73	101b/D	Chir	Pinus roxburghii	104	Green Standing	89	101b/D	Chir	Pinus roxburghii	147	Green Standing
74	101b/D	Chir	Pinus roxburghii	185	Green Standing						

### Abstract of poles/saplings

S.No	Comptt. No	Local Name	Botanical Name	Girth (in Cm)		
				0-30	30-60	60-90
1	101b/D	Deodar	Cedrus deodara	11	14	12
		Chir	Pinus roxburghii	4	9	6
				15	23	18
						56

Certified that the trees/poles has been enumerated by u/s along with the concerned baet guard as per the spot nishandehi given by the representative of the user agency coming under the upgradation of Chenani Sudhmahadev road(re-alignment and dumping point no. 2) passing through the Co. 101b/D.

*[Signature]*  
Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

*[Signature]*  
Beat Guard  
Karlak-II

*[Signature]* B.O. Kud  
Block Forest Officer  
Kud Block



**Abstract of trees/poles coming under the upgradation of Chenani- Sudhmahadev road(re-alignment and dumping point no.2) passing through the forest land Co. 101b/D**

S.No	Species	Botanical Name	Girth (in Cm's)											Total
			0-30	31-60	61-90	91-120	121-150	151-180	181-210	211-240	241-270	271-300		
1	Chir	Pinus roxburghii	4	9	6	11	16	19	15	21	7		108	
2	Deodar	Cedrus deodara	11	14	12								37	
	Total		15	23	18	11	16	19	15	21	7	0	145	

Certified that the trees/poles has been enumerated by u/s along with the concerned baet guard as per the spot nishandehi given by the representative of the user agency coming under the upgradation of Chenani Sudhmahadev road(re-alignment and dumping point no. 2) passing through the Co. 101b/D.

*[Signature]*  
Beat Guard

Karlah-II

*[Signature]*  
Block Forest Officer

Kud Block

*c/s*  
Divisional Forest Officer  
Udhampur

*[Signature]*  
*[Signature]*  
*[Signature]*



**STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR NON-FORESTRY USE FOR  
UPGRADATION OF CHENANI- SUDHMAHADEV ROAD (RE-ALIGNMENT AND DUMPING POINT NO.1 AND  
2) PASSING THROUGH THR FOREST CO. 97a/D, 97b/D AND 101b/D.**

S. No.	District	Division	Range	Comptt. No.	Forest Area proposed for diversion/upgradation (Ha)					Protected Area, if any (ha)	Remarks
1	2	3	4	5	6				7	8	
1	Udhampur	Udhampur	Dudu	97a/D	1. Segment 1 R.D 2.620 KM to R.D 3.250 KM 2. Segment 2 R.D 3.250 KM to R.D 3.450 <b>Total area</b>	Length (in mtr)	Width (in mtr)	Total Area (in Ha)	Nil	Segment 1 and 2 re-alignment	
						630	30	1.89			
						200	24	0.48			
2	Udhampur	Udhampur	Dudu	97b/D	Muck Dumping (D-1)			1.33	Nil	Dumping point (D-1)	
						<b>Total Forest area of Co. 97a/D and 97b/D</b>					<b>3.70</b>
3	Udhampur	Udhampur	Dudu	101b/D	1. Segment 3 R.D 10.380 KM to R.D 10.430 Km 2. Segment 4 R.D 10.430 KM to R.D 10.570 KM 3. Muck Dumping (D-2) <b>Total area</b>	Length (in mtr)	Width (in mtr)	Total Area (in Ha)	Nil	Segment 3 and 4 re-alignment	
						50	30	0.15			
						140	14	0.196			
								1.10			
								<b>1.446</b>			
<b>Total forest area proposed for upgradation of road and dumping points</b>										<b>5.146 Ha</b>	

Certified that the forest area proposed for upgradation of Chenani- Sudhmahadev road (re-alignment and dumping point no.1 and 2) passing through thr forest Co. 97a/D, 97b/D and 101b/D has been calculated by the representative of user agency.

o/s **Subimal Forest Officer**  
Udhampur Forest Division  
Udhampur

*Beatward Margana*

*Hebe Kaban*

**Block Forest Officer**  
Kud Block

*Master*

*6/6/24*

*Radu*





# National Highways & Infrastructure Development Corporation Ltd

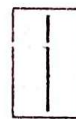
(MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVT. OF INDIA)

**"WIDENING AND UPGRADEATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION  
& GEOMETRIC IMPROVEMENT FROM KM 0.000 TO KM 16.990 ON CHENANJ - SUDHMAHADEV  
SECTION OF NH-244 IN THE STATE OF JAMMU & KASHMIR."**

## Plan & Profile

Forest Additional Acquisition Area Proposal  
January-2020

**Authority Engineer:**



TPF GETINSA EUROESTUDIOS, S.L.



SEGMENTAL CONSULTING & INFRASTRUCTURE ADVISORY (P) Ltd (SCIA)  
in association with

**Submitted By**

ECI - SRM PROJECTS

1A, HILL VIEW NEAR GOVT. HIGHER SECONDARY SCHOOL, BAHU FORT, JAMMU - 180006

**Area Statement of  
(Bridge Location Km- 2+250 to Km- 3+450)**



S. No.	Particulars	Length (In meter)	Width (In meter)	Area (In Ha.)
1	Segment- 1_Realignment (RD 2.620 Km to RD 3.250 Km)	630	30	1.89
2	Segment- 2_Realignment (RD 3.250 Km to RD 3.450 Km)	200	24	0.48
3	Muck Dumping Site (D- 1)	Latitude- 33° 2'4.22"N	Longitude- 75°17'23.38"E	1.33
Forest Area in Ha.				3.70

**Area Statement of  
(Bridge Location Km- 10+100 to Km- 10+560)**

4	Segment- 3_Realignment (RD 10.380 Km to RD 10.430 Km)	50	30	0.15
5	Segment- 4_Realignment (RD 10.430 Km to RD 10.570 Km)	140	14	0.196
6	Muck Dumping Site (D- 2)	Latitude- 33° 2'44.30"N	Longitude- 75°19'20.30"E	1.10
Forest Area in Ha.				1.446
Total Area Required for Forest Diversion (In Ha.)				5.146



Area Statement of (Bridge Location Km- 10+100 to Km- 10+560)				
4	Segment- 3 _Realignment (RD 10.380 Km to RD 10.430 Km)	50	30	0.15
5	Segment- 4 _Realignment (RD 10.430 Km to RD 10.570 Km)	140	14	0.196
6	Muck Dumping Site (D- 2)	Latitude- 33° 2'44.30"N	Longitude- 75° 19'20.30"E	1.10
Forest Area in Ha.				1.446
Total Area Required for Forest Diversion (In Ha.)				5.146

FOREST LAND	
DESIGN ALIGNMENT	

SEGMENT 3&4  
10+380 KM TO 10+570 KM  
0.346 HA

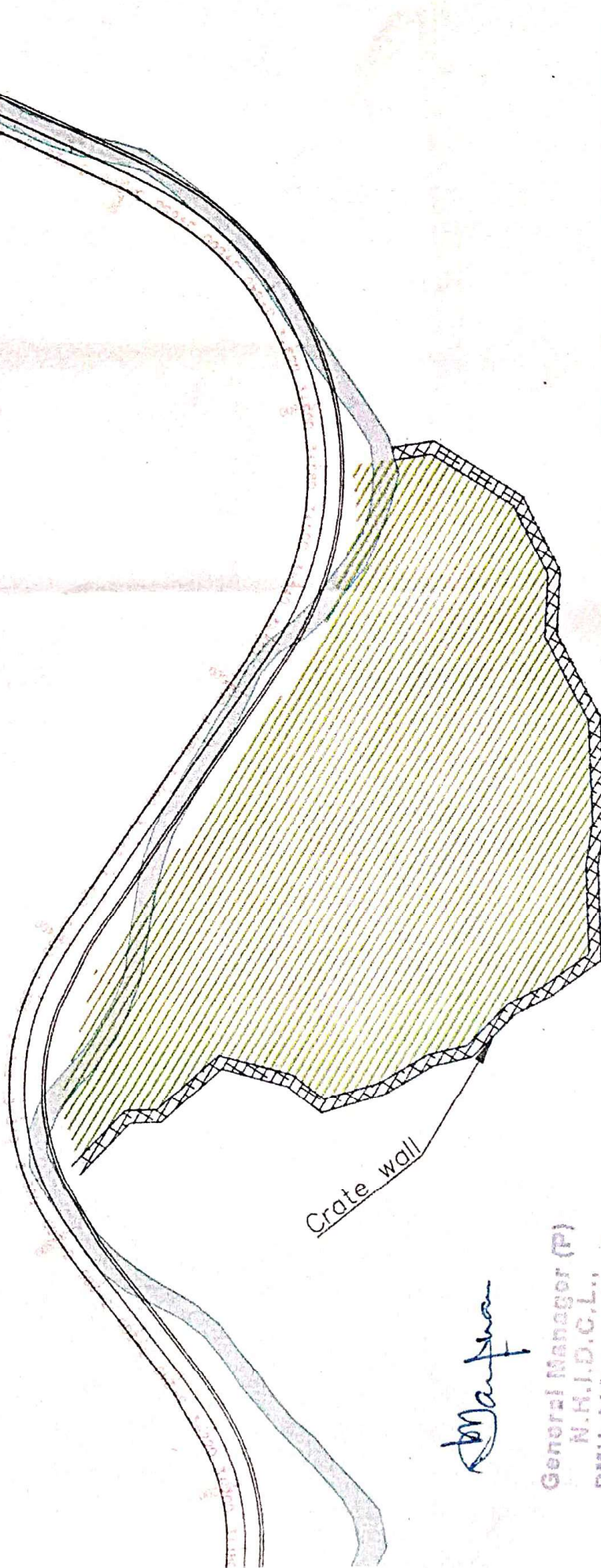
*General Manager*  
General Manager (P)  
N.H.I.D.C.L.,  
PMU-Akhnoor (J&K)

Crate wall

MUCK DUMPING Point-2  
from 10+560km to 10+620km  
Area-1.10 HA



Area Statement of (Bridge Location Km- 2+250 to Km- 3+450)				
No.	Particulars	Length (in meter)	Width (in meter)	Area (in Ha.)
1	Segment 1, Realignment (RD 2,620 Km to RD 3,250 Km)	630	30	1.89
2	Segment 2, Realignment (RD 3,250 Km to RD 3,450 Km)	200	24	0.48
3	Muck Dumping Site (D- 1)	Latitude- 33' 24.22"N Longitude- 75° 17' 23.38"E		1.33
Forest Area in Ha.				3.70



FOREST LAND	
DESIGN ALIGNMENT	

MUCK DUMPING PONT-1  
Design Chainage 3+320 KM TO 3+580 KM  
AREA 1.33 HA

*Signature*

General Manager (P)  
N.H.I.D.C.L.,  
PMU-Akhnoor (J&K)





*Mayana*  
 General Manager (P)  
 N.H.I.D.C.L.,  
 PMU-Akhnor (J&K)

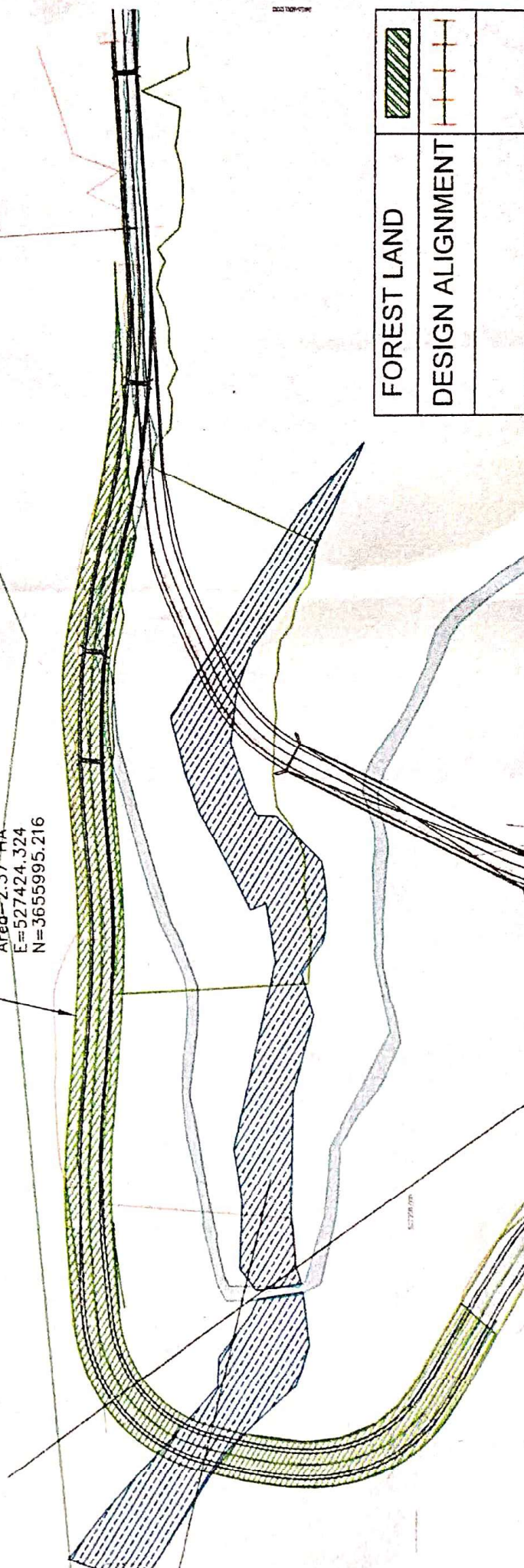
Area Statement of (Bridge Location Km- 2+250 to Km- 3+450)				
S. No.	Particulars	Length (in meter)	Width (in meter)	Area (in Ha.)
1	Segment- 1_ Realignment (RD 2.620 Km to RD 3.250 Km)	630	30	1.89
2	Segment- 2_ Realignment (RD 3.250 Km to RD 3.450 Km)	200	24	0.48
3	Muck Dumping Site (D- 1)	Latitude- 33° 2'4.22"N	Longitude- 75° 17'23.38"E	1.33
Forest Area in Ha.				3.70

SEGMENT 1&2  
 Location from 2+620km to 3+450km  
 (Major Bridge-2 Realignment portion)  
 Bridge 2 Forest area Location

Area-2.37-HA  
 E=527424.324  
 N=3655995.216

Realignment at E=527424.324

FOREST LAND	
DESIGN ALIGNMENT	



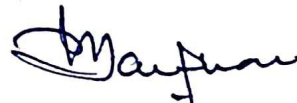


21(b).

**CERTIFICATE**

**(MINIMUM DEMAND OF FOREST AREA)**

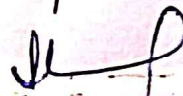
Certified that all other alternative site for the proposed project have been explored and the Demand for the required identified Forest Land of **5.146 ha.** in the village Ancha, Margana, Chenani, Bashat, Chullyar of Tehsil Chenani, District- Udhampur and demand for realignment in the geometry as per the required geometry of NH specifications at two sections of alignment portion of this project road i.e. from Km- 2+250 to Km- 3+450 and from Km- 10+100 to Km- 10+560 where additional land is required to pass in the forest area in the Union Territory of Jammu & Kashmir is the barest minimum demand.



(S. P. S. Sangwan)  
General Manager (P)  
NHIDCL, PMU-Akhnoor  
General Manager (P)  
N.H.I.D.C.L.,  
PMU-Akhnoor (J&K)

Counter Signed

q/s



Divisional Forest Officer  
Udhampur Forest Division  
Udhampur Forest Division  
Udhampur Forest Division  
Udhampur Forest Division





**GOVERNMENT OF JAMMU AND KASHMIR**  
**OFFICE OF THE CHIEF CONSERVATOR OF FORESTS, JAMMU**

(Forest Complex, Exchange Road, Dogra Hall) Ph. 0191 – 2547748, 2545400 Fax: 2562929, Email:ccfjammu1@gmail.com

Sub: Revised work programme of Compensatory Afforestation w.r.t Forest Clearance for "**Construction of Additional ROW Requirement for Development of Two Bridges located at Km 2+2.50 to Km 3+450 and Km 10+100 to Km 10+560 of Chenani-Sudhmahadev Road (NH-244)**" in Udhampur Forest Division.

Ref: CF East's No: 146-47/CFE/FCA Dated 20.05.2021.

**ORDER**

The revised work proposal for Compensatory Afforestation to be done in lieu of diversion of **5.146** hectare of forest land in Udhampur Forest Division for "**Construction of Additional ROW Requirement for Development of Two Bridges located at Km 2+2.50 to Km 3+450 and Km 10+100 to Km 10+560 of Chenani-Sudhmahadev Road (NH-244)**" by NHIDCL to the tune of Rs. 16.268 Lacs, prepared and submitted by the Divisional Forest Officer, Udhampur Forest Division, duly recommended by the CF East Circle, Jammu, is hereby approved / sanctioned, as per the details given below:-

Proposal No	Location	Area involved for diversion	Area of C.A Plan	Canopy Density	Spp. To be planted.
FP/JK/Road/47304/2020	87c/D (Nagulta Tandhar)	5.146 Ha	14.70 Ha	<30%	Indigenous species.

The approval / sanction is subject to the following conditions: -

- 1) All the terms and conditions as per the provisions of Forest Conservation Act 1980 w.r.t Compensatory Afforestation are complied with.
- 2) That the existing Forest Tariff Rate schedule shall be applicable.
- 3) That the DFO, Udhampur Division shall be the implementing agency for executing the CA Plan.

(K. Ramesh Kumar), IFS  
Chief Conservator of Forests  
Jammu

No: CCFJ/Plg/21-22/42/ 762-65

Dated: 22.21.2021.

Copy to: -

1. Pr. Chief Conservator of Forests (HoFF), J&K, Jammu for favour of information.
2. APCCF / Nodal Officer, FCA, O/o the PCCF J&K for favour of information.
3. CF, East Circle, Jammu.
4. DFO, Udhampur Forest Division for information and necessary action.



## REVISED COMPENSATORY AFFORESTATION SCHEME

<b>Full Title of the Forest Land Diversion Project</b>	Upgradation of Chenani-Sudhmahadev road
<b>File No.</b>	FP/JK/ROAD/47304/2020
<b>Date of Proposal</b>	11-07-2020
<b>Name of the Forest Division (where forest land is proposed to be diverted)</b>	Forest Division Udhampur
<b>Forest Area to be diverted</b>	5.146 Ha
<b>Forest area to be planted</b>	14.70 Ha
<b>No. of trees to be felled</b>	284 Nos.
<b>No. of plants/poles could be damaged</b>	524 Nos.
<b>No. of plants to be planted in the scheme</b>	10300 Nos.
<b><u>Details of land where C.A. is to be carried out:</u></b>	
• Degraded forest land (Yes/No)	: Yes <b>Area: 14.70 Ha.</b>
• Non-forest land (Yes/ No)	: No <b>Area: NA</b>
• Forest Division	Udhampur
• District	Udhampur
• Range	Dudu
• Tehsil	Chenani
• Compartment No.	87c/D
• Khasra No. (in case of Non Forest land)	NA
• C.A Site (Name of location)	Beat Nagulta Tandhar
• C.A area in Hectare	14.70 Ha
• C.A. Site Geo-Coordinates:	
<b>Starting Point:</b>	Latitude: 33° 0'58.64"N Longitude: 75°15'54.35"E
<b>Ending Point:</b>	Latitude: 33° 0'50.34"N Longitude: 75°15'31.62"E
• In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	NA

### 1. Description of C.A. Site

a) Soil Type	Clay
b) Topography: Hilly/ Undulating/ Plain	Hilly-Undulating
c) Slope: Steep/ Medium/ Gentle	Medium
d) For non forest land-description of existing vegetation/ root and density	NA
e) In case of degraded forest land-description of forest type and crown density	Sub-Tropical Hilly Forest
f) Crown Density	Less than 30%

### 2. Plantation Model:

Compensatory afforestation over an area of 14.70 Ha of degraded forest land is proposed to be raised. The area selected for this purpose is Co. 87c/D, Beat Nagulta Tandhar, which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*). Whole of the plantation of 14.70 ha will be raised in a single compact block. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is Rs.16,26,752/-. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.



S. No.	Description				Rate	Total Amount (In Rs.)	
	Afforestation work		Unit				
A	1 <sup>st</sup> year advance work	Raising of poly bag plants	No	10300	8.03	82,709	
	2 <sup>nd</sup> year	Plantation and maintenance of poly bag plants		10300	32	3,29,600	
		Raising of poly bag plants		2575	8.03	20,677	
	3 <sup>rd</sup> year	Plantation and maintenance of poly bag plants		2575	32	82,400	
		Raising of poly bag plants		1030	8.03	8,271	
	4 <sup>th</sup> year	Plantation and maintenance of poly bag plants		1030	32	32,960	
		Raising of poly bag plants		515	8.03	4,135	
	5 <sup>th</sup> year	Plantation and maintenance of poly bag plants		515	32	16,480	
		Raising of poly bag plants		515	8.03	4,135	
	6 <sup>th</sup> year	Plantation and maintenance of poly bag plants		515	32	16,480	
		Raising of poly bag plants		515	8.03	4,135	
	7 <sup>th</sup> year	Plantation and maintenance of poly bag plants		515	32	16,480	
		Raising of poly bag plants		515	8.03	4,135	
	8 <sup>th</sup> year	Plantation and maintenance of poly bag plants		515	32	16,480	
		Raising of poly bag plants		515	8.03	4,135	
	9 <sup>th</sup> year	Plantation and maintenance of poly bag plants		515	32	16,480	
		Raising of poly bag plants		515	8.03	4,135	
	10 <sup>th</sup> year	Plantation and maintenance of poly bag plants		515	32	16,480	
	Total						6,80,307
	B	Other afforestation Intervention (As per the requirement of the site condition)					
1	Patch sowing		No	3000	6.99	20,970	
2	Planting of grass slips		No	3000	6.35	19,050	
					Total	40,020	
C	Fencing						
1	Square PCC Post Fencing (7 Strand) (Advance work 1 <sup>st</sup> year)		Rft	6400	105	6,72,000	
2	Fencing Repair		Rft	3200	16.74	53,568	
					Total	7,25,568	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)		Ha	0	0	0.00	
E	Pruning & Tending of Existing Root Stocks		No	0	0	0.00	
Total C.A. Charges						14,45,895	
F	Soil & water conservation and protection measures like construction of fire lines and inspection paths (DRSM)						
1	Soil & water conservation measures (DRSM)		Cum	30	1099	32,970	
Total						32,970	
Total (A+B+C+D+E+F)						14,78,865	
G	Supervisory/ overhead / misc Charges (10% of C.A charges)					1,47,887	
Grand Total (A+B+C+D+E+F+G)						16,26,752	

The Afforestation cost is calculated as per the **JAMMU & KASHMIR FOREST RATE SCHEDULE TARIFF' 2017.**

- I. **Technical** Details: Technical details of Compensatory Afforestation Scheme are as follows:
- General Details : Co. 87c/D, Block: Gharrian, Beat: Nagulta Tandhar
  - Plantation Method : Pit Plantation
  - Species proposed to be planted : Chir/ Mixed Broad leaved (Local)
  - Soil & Moisture Conservation Works : -
  - Protection : (Fencing, Watch & Ward, People's Participation etc)
  - Proposed Monitoring Mechanism : As per existing Standard mechanism of the Department
  - Any other information : Nil

*Drishak Sharma*  
B.O Gharrian

*Attested*

*Radhika*



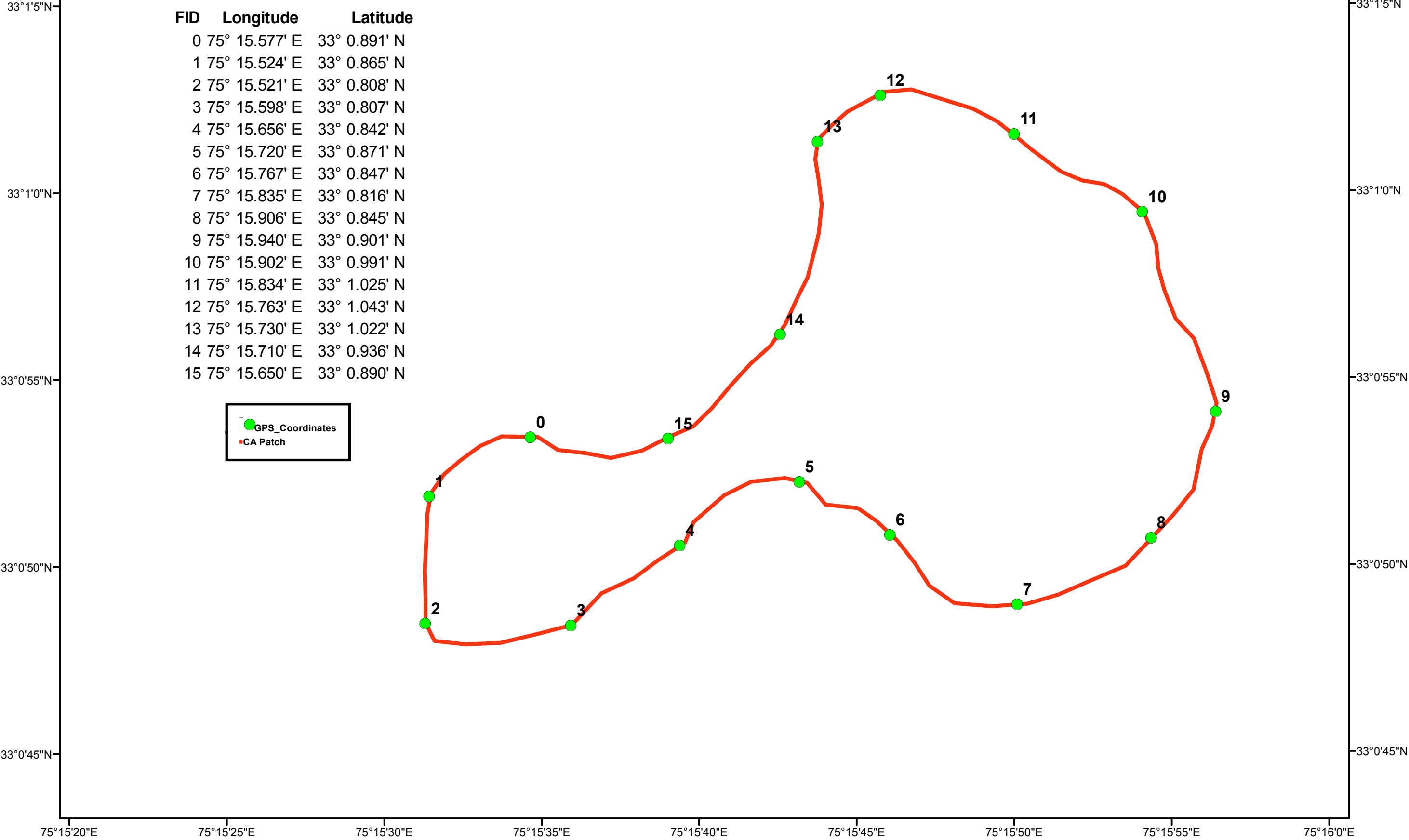
Georeference CA Map

GT Sheet No 43 O/8



CA for Upgradation of road from Chenani-Sudhmahadev 87c/D

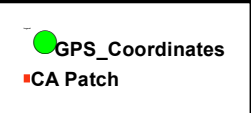
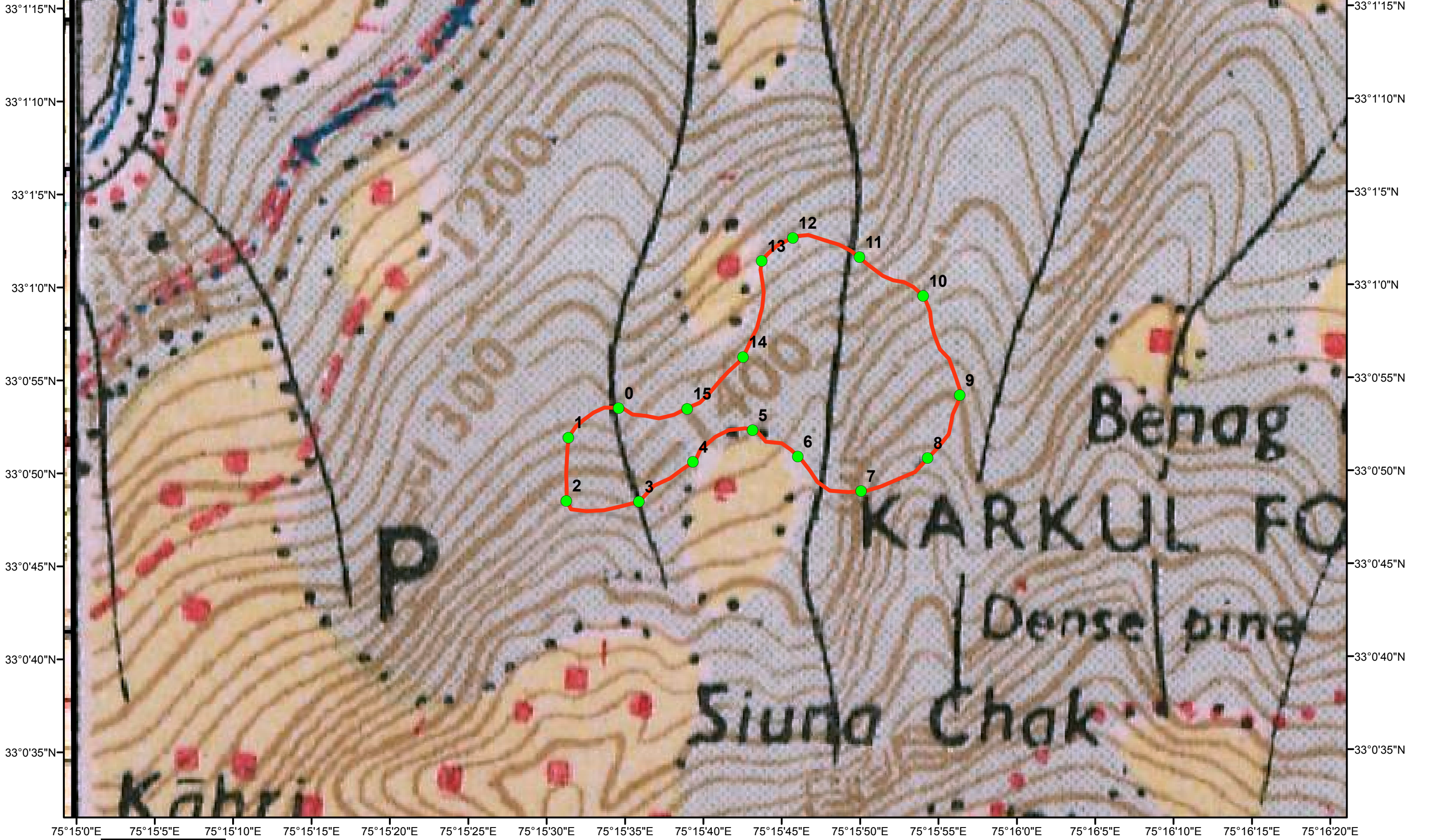
FID	Longitude	Latitude
0	75° 15.577' E	33° 0.891' N
1	75° 15.524' E	33° 0.865' N
2	75° 15.521' E	33° 0.808' N
3	75° 15.598' E	33° 0.807' N
4	75° 15.656' E	33° 0.842' N
5	75° 15.720' E	33° 0.871' N
6	75° 15.767' E	33° 0.847' N
7	75° 15.835' E	33° 0.816' N
8	75° 15.906' E	33° 0.845' N
9	75° 15.940' E	33° 0.901' N
10	75° 15.902' E	33° 0.991' N
11	75° 15.834' E	33° 1.025' N
12	75° 15.763' E	33° 1.043' N
13	75° 15.730' E	33° 1.022' N
14	75° 15.710' E	33° 0.936' N
15	75° 15.650' E	33° 0.890' N







CA for Upgradation of road from Chenani-Sudhmahadev 87c/D



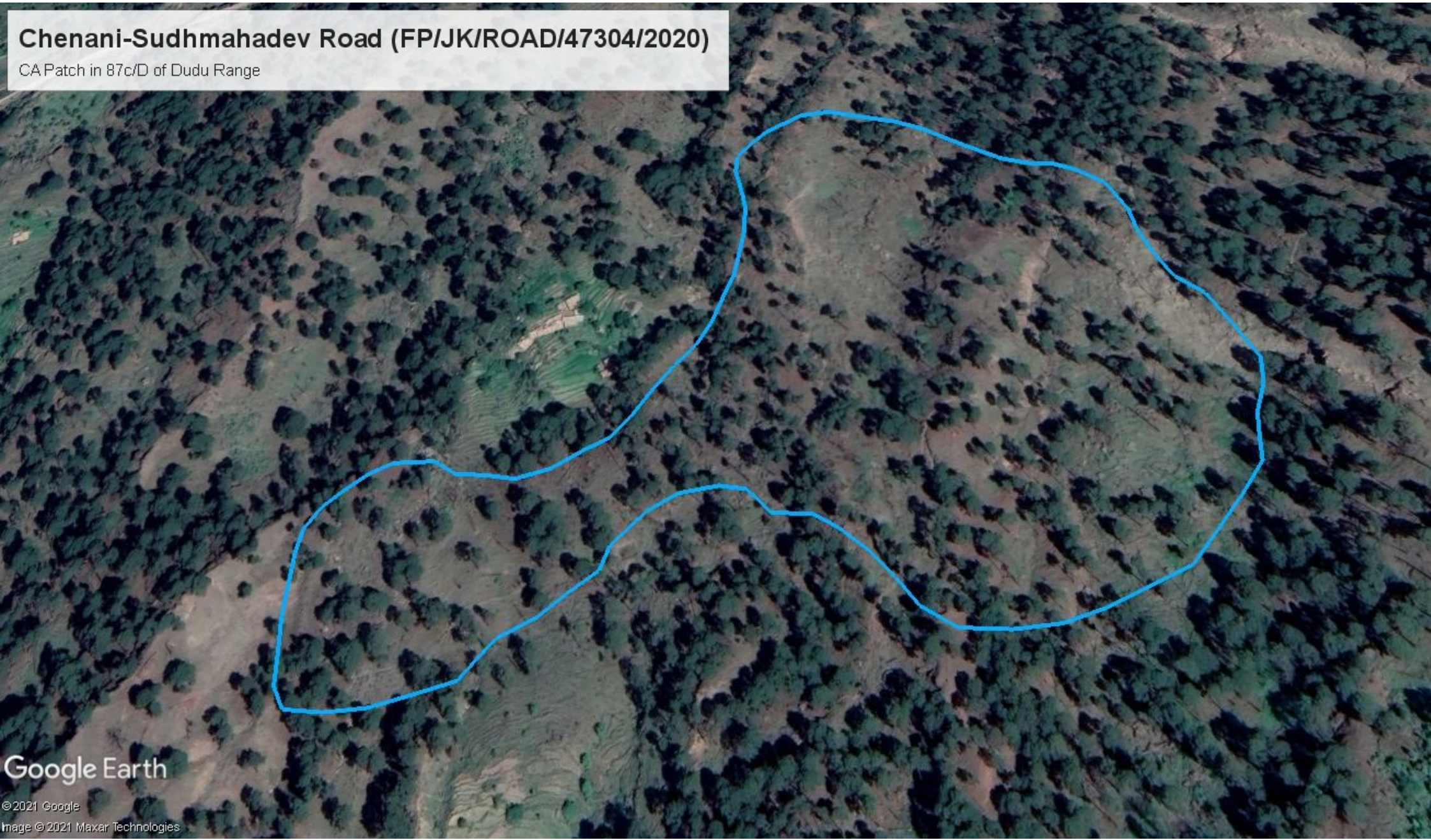


**Chenani-Sudhmahadev Road (FP/JK/ROAD/47304/2020)**

CA Patch in 87c/D of Dudu Range

Google Earth

© 2021 Google  
Image © 2021 Maxar Technologies

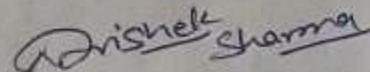




**UPGRADATION OF CHENANI- SUDHMAHADEV ROAD (RE-ALIGNMENT AND DUMPING POINT**  
**(2 NO.) PASSING THROUGH THE FOREST LAND Co. 97a/D, 97b/D and 101b/D.**

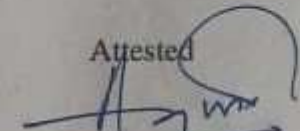
**LAND SUITABILITY CERTIFICATE**


This is to certify that 14.70 Hact. of forest land in Protected (Demarcated) Forest, Compartment – 87c/D, Forest Beat – Nagulta Tandhar, Block – Gharrian, Range – Dudu Forest Range of Udampur Forest Division, Tehsil Chenani, District Udampur identified for Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.



Block Forest Officer  
Gharrian Block

Attested

  
Range Forest Officer  
Dudu-HQ Chenani

  
Divisional Forest Officer  
Udampur Forest Division  
Udampur

## **Abstract**

<b>S. No.</b>	<b>Particulars</b>	<b>Amount (In Lakh)</b>
1	Compensatory Afforestation	16.26752
2	Net Present Value (NPV)	43.48370
3	Extraction & Transportation Charges	15.20027
4	Re-establishment of CAMPA Closure (established during 2011-12) in Co. 97a/D coming under proposed alignment	1.38282
	<b>Total :</b>	<b>76.33431</b>



Proposal for reestablishment of CAMPA closure (established during the year 2011-12) in Co. 97a/D which is coming under the re-alignment of Chenani-Sudhmahadev road.

S.No	Detail of work	Qty	Rate	Amount
1.	4 strand B.A wire fencing	1900 rft	@72.78/rft	1,38,282-
	Total			Rs. 1,38,282

Certified that the estimate has been prepared as per the forest tariff rate.

9s  
Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

Gay  
Beast Guard  
Margana

Hauls  
Block Forest Officer  
Kud Block

Attest  
@ John  
R.D. Dada

**CALCULATION SHEET OF NET PRESENT VALUE OF FOREST AREA PROPOSED FOR  
NON-FORESTRY USE FOR UPGRADEATION OF CHENANI-SUDHMAHADEV ROAD (RE-  
ALIGNMENT AND DUMPING POINT NO.1 AND 2) PASSING THROUGH THE FOREST  
CO. 97a/D, 97b/D AND 101b/D**

S. No.	Division	Comptt. No.	Forest Area (Ha)	Canopy Density	Eco-Class	NPV Rate (Lac Rs./ha)	NPV Amount (Rs. In Lacs)
1	2	3	4	5	6	7	8
1.	Udhampur	97a/D For road re-alignment	2.37 Ha	Dense Forest	V	8.45	20,02,650/-
2.	Udhampur	97b/D For dumping (D-1)	1.33 Ha	Dense Forest	V	8.45	11,23,850/-
3.	Udhampur	101b/D For road re-alignment	0.346 Ha	Dense Forest	V	8.45	2,92,370/-
4.	Udhampur	101b/D For dumping (D-2)	1.10 Ha	Dense Forest	V	8.45	9,29,500/-
<b>Total</b>			<b>5.146 Ha</b>			<b>8.45</b>	<b>Rs. 43,48,370/-</b>

*[Signature]*  
Udhampur Forest Division  
Udhampur

*[Signature]*  
Beat Guard  
Margana

*[Signature]*  
Attested  
*[Signature]*  
Red Dated

*[Signature]*  
Block Forest Officer  
Kud Block



Detailed estimate for extraction of timber and firewood in Co. Co. 97a/D, 97b/D and 101b/D out of enumerated trees coming under the upgradation of Chenani-Sudhmahadev road (re-alignment and dumping point no.1 and 2)

S.No	Activities/Norms	Volume		Normal Rate	Distance	Total Rate	Amount
		Stand.	Sawn				
1.	Felling 100%	29319.5	-	3.82	-	3.82	1,12,000
2.	Hand sawing		14671	57.84	-	57.84	8,48,570
3.	Handling charges after sawing		14671	0.62/cft/chain	2 Chains	1.24	18,192
4.	Minor related activities after sawing		14671	0.94/cft	-	0.94	13,790
5.	Head load carriage from forest to KLP (avg.)		14671	0.62/cft/chain	10 Chains	6.2	90,960
6.	Stacking		14671	0.88/cft	-	0.88	12,910
7.	Road transportation upto Jammu		14671				
	a. Kaccha road		14671	0.25/cft/Km	7 KM	1.75	25,674
	b. Pakka road		14671	0.19/cft	100 KM	19	2,78,749
	c. Loading charges 1.65/cft		14671	1.65/cft	-	1.65	24,207
A	Total						14,25,052
8.	Firewood Extraction						
	a. Expected Firewood Extraction		500 Qtl.(approx.)	127.05	-	127.05	63,525
	b. Head load from forest to loading point		500 Qtl.(approx.)			L/S	20,000
	c. Mechanical transportation of firewood upto Udhampur		500 Qtl.(approx.)	1.90/Qtl/KM	31 KM	58.9	29,450
B	Total						94,975
	Total(A+B)						15,20,027

Sawn volume = 14671 cft and firewood 500 Qtl (Approx.)

G.Total = Rs. 15,20,027/-

Certified that the estimate for extraction of timber has been prepared as per SFC rates of 2019 and extraction of firewood has been prepared as per forest rate of 2016-17 and submitted to Range Forest Officer Dudu for favour of information and necessary action.

B.O Kud

Attested and submitted to worthy DFO Udhampur for favour of Check and sanction please.

  
Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

  
Range Forest Officer  
Dudu HQ- Chenani


**Full Title of the Project:** - Additional Right of Way (ROW) Requirement for Development of Two Bridges Located at Km- 2+250 to Km- 3+350 and Km- 10+100 to Km- 10+ 560 or Chenani- Sudhmahadev Road (NH-244).

File No:-

Date of Proposal:-

**Undertaking for Payment of Cost of Compensatory Afforestation**

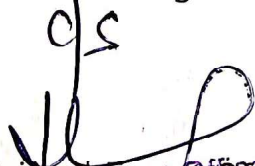
I Surajpal Singh Sangwan hereby undertake to pay the entire amount for compensatory afforestation in lieu of the forest area diverted for Additional Right of Way (ROW) Requirement for Development of Two Bridges Located at Km- 2+250 to Km- 3+350 and Km- 10+100 to Km- 10+ 560 or Chenani- Sudhmahadev Road (NH-244) as per the prevailing wage rates at the time of plantations.



(S.P.S Sagwan)  
General Manager (P)  
NHIDCL, PMU-Akhnoor  
**General Manager (P)**  
**N.H.I.D.C.L.,**  
**PMU-Akhnoor (J&K)**

Place: JAMMU  
Date: 21 / 01 / 2021

Countersigned



(Divisional Forest Officer)  
Divisional Forest Division  
Udhampur Forest Division  
Udhampur



**Full Title of the Project:** - Additional Right of Way (ROW) Requirement for Development of Two Bridges Located at Km- 2+250 to Km- 3+350 and Km- 10+100 to Km- 10+ 560 or Chenani- Sudhmahadev Road (NH-244).

File No:-

Date of Proposal:-

**Undertaking for Payment of Net Present value of Forest Area.**

It is to certify that I Surajpal Singh Sangwan have applied for diversion of 5.146 ha. Of forest area for the proposal of Additional Right of Way (ROW) Requirement for Development of Two Bridges Located at Km- 2+250 to Km- 3+350 and Km- 10+100 to Km- 10+ 560 or Chenani- Sudhmahadev Road (NH-244). I, hereby undertake to pay the net present value (NPV) of the above forest land. I also hereby undertake to pay the additional amount of NPV, if so determined as per the decision of the Supreme Court, at a later date.



(S.P.S Sagwan)  
General Manager (P)  
NHIDCL, PMU-Akhnoor  
**General Manager (P)**  
**N.H.I.D.C.L.,**  
**PMU-Akhnoor (J&K)**

Place: Jammu

Date: 21 / 01 / 2021

Countersigned

  
(Divisional Forest Officer)  
Udhampur Forest Division

### COST BENEFIT ANALYSIS

**Project Name:-** Additional Right of Way (ROW) Requirement for Development of Two Bridges Located at Km- 2+250 to Km- 3+350 and Km- 10+100 to Km- 10+ 560 or Chenani- Sudhmahadev Road (NH-244).

**Purpose:** This cost benefit analysis is being undertaken for proposed diversion of Forest Land (5.146 ha.) being affected due to Construction of Chenani-Sudhmahadev road NH-244 in the Union Territory of Jammu & Kashmir.

**Table A: Cases under which cost benefit analysis for Forest diversion Required**

S. No.	Nature of Proposal	Applicable /Not Applicable	Remark
1	All categories of proposals involving forest land upto 20 hectares in plains upto 5 hectare in hills	Not applicable	These proposals may be considered on a case to case basis and value judgment
2	Proposal for defense installation purposes and oil prospecting (prospecting only)	Not applicable	In view of national priority accorded to these sectors, the proposals would be critically assessed to help ascertain that the utmost minimum forest land is diverted for non forest use.
3	Habitation, establishment of industrial units, tourist lodges complex and other building construction	Not applicable	These activities being detrimental to protection and conservation of forest , as a matter of policy, such proposals would be rarely entertained
4	All other proposals involving forestland more than 20 hectares in plains and more than 5 hectares in hills including roads, transmission lines, minor, medium and major irrigation project, hydro project mining activity, railway lines, location specific installation like micro wave station, auto repeater centers, TV tower etc.	Applicable	These are cases where a cost benefit analysis is necessary to determine when diverting the forest land to non-forest use in the overall strategic point of view and public interest.



(S. P. S. Sangwan)  
General Manager (P)  
NHIDCL, PMU-Akhnoor  
General Manager (P)  
N.H.I.D.C.L.,  
PMU-Akhnoor (J&K)



**Table B : Estimation of cost of forest diversion**

S.No.	Parameters	Cost	REMARK
1	Ecosystem services losses due to proposed forest diversion	NPV of the forest land which is being diverted i.e. Forest Land= 5.146 ha. X 8.45 lac = Rs. 43.48370 Lac <b>Total cost = Rs. 43.48370Lac, Say 43.48 Lac</b>	Cost has been decided as per norms of state govt. and will be paid by user agency.
2	Loss of animal husbandry productivity including loss of fodder	<b>NIL</b> Productivity of livestock will not be affected due to construction and widening of existing highway. This road is also a strategic road connecting Line of Control with Indo-Pak border. Therefore Loss of animal husbandry productivity including loss of fodder will also be nil.	
3	Cost of human resettlement	<b>Nil</b> No, as are is not habitat hence, there is no displacement of any oust sees in the project & therefore there would be no resettlement.	
4	Loss of public facilities and administrative infrastructure (Road, building, school, dispensaries, electric lines, railways, etc) on forest land which would require forest land if these facilities were diverted due to the project.	<b>Nil</b> As existing road is being widened with new construction in bypasses and tunnel with double lane specifications.	
5	Possession value of forest land diverted	<b>Nil</b>	
6	Cost of suffering to outeers	<b>Nil</b> Loss of house/Habitat/Structure is NIL, hence not applicable.	
7	Habitat Fragmentation cost	<b>Nil</b>	
8	Compensatory afforestation and soil & moisture conservation cost	Compensatory Afforestation cost <b>9.43 lac (Approx 1.83 lac/ha.)</b> Soil and moisture conservation cost included in Compensatory	

		Afforestation cost.	
	<b>Total Loss (Against the proposed forest land diversion)</b>	<b>Rs:- 52.92 Lacs</b>	



**(S. P. S. Sangwan)**  
**General Manager (P)**  
**NHIDCL, PMU-Akhnoor**  
**General Manager (P)**  
**N.H.I.D.C.L.,**  
**PMU-Akhnoor (J&K)**



**Table C: Existing Guidelines for estimating benefits of Forest Diversion**

S.N.	Parameters	Descriptions
1	Increase in productivity attribute to the specific project.	National Highways & Infrastructure Development Corporation Ltd. (NHIDCL) a PSU under Ministry of Road Transport and Highways, Govt. of India has been entrusted with the working of widening and upgradation to 2 lane with paved shoulder configuration and geometric improvement on Chenani - Sudhmahadev Section of NH- 244 in the UT of Jammu & Kashmir. There is requirement of realignment in the geometry as per the required geometry of NH specifications at two sections of alignment portion of this project road i.e. from Km- 2+250 to Km- 3+450 and from Km- 10+100 to Km- 10+560 where additional land is required to pass through forest area. Hence development of this road will increase productivity of the local population. <b>Project cost Rs. 15504 lac i.e. 155.04 crores (approx) for 20 years.</b>
2	Benefits to economy due to the specific project.	As stated in Sl. 1 above development of the road will facilitate economic growth of the area. Directly it will be <b>438 lac (4.38 crore)</b> and many more in after completion of project as per feasibility report. It will help in trade and as an alternate route to Kashmir Valley via Doda and Kishtwar districts as well as local development of remote areas.
3	No. of population benefited due to specific project.	Development of road is going to benefit the population @ 6.00 lac approx of Udhampur, Doda and Kishtwar district as well as huge local and villagers of remote area.
4	Economic benefits due to of direct and indirect employment due to the project.	During the development stage employment will be generated for skilled and unskilled manpower for a period of 24 months. Man-days- 360000 (Approx) Rs. 400/- Per Man-day <b>Total Amount= 1440 lac (14.40 crore)</b>  Employment generated during operational life of 50 years for 30 Man-days per Day Man-days- 547500 Rs. 700/- Per Man-day (Approx) <b>Total Amount= 3832 lac (38.325 crore)</b>
5	Economic benefits due to Compensatory afforestation.	Compensatory Afforestation for <b>5.146 ha.</b> of degraded forest land @ <b>3.50 lac/ha.</b> for 50 Years (as per Guideline issued by MoEF vide letter No. 5-3/2007-FC/ Dated 05.02.2009) =

		Rs. 18.011 lac
	Total	Rs. 21232.011 lac (212.32 Crore)

**C. Cost Benfit Ration i.e. Project Benefit/Forest loss =  $21232/52.92 = 401:1$**

Hence the project has very high benefit to the country as compared to forest loss. **The benefit to loss ratio is approximate 401 times.**



(S. P. S. Sangwan)  
General Manager (P)  
NHIDCL, PMU-Akhnoor

General Manager (P)  
N.H.I.D.C.L.,  
PMU-Akhnoor (J&K)



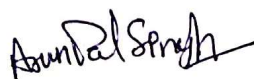
**UPGRADATION OF CHENANI- SUDHMAHADEV ROAD (RE-ALIGNMENT AND DUMPING POINT (2 NO.) PASSING THROUGH THE FOREST LAND Co. 97a/D, 97b/D and 101b/D.**

**Site inspection report**


A proposal has been received by this office from NHIDCL, for diversion (under section 2 of FCA-1980) of 5.146 Hectare of forest land for non-forestry purpose. The site inspection of the land involved in the proposal has been done by me on dated 7.8.2020 & 11.9.2020

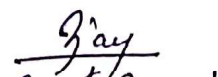
- On inspection of the site, it is found that the land required by the user agency is a forest area measuring 5.146 Hectare.
- The requirement of forest land as proposed by the user agency in Col-2 of Part-I is unavoidable and is barest minimum required for the project.
- The user agency has not violated the provision of Forest (Conservation) Act., 1980 and no work has been started without proper sanction.


Recommended for acceptance, please

  
Site Engineer  
NHIDCL

  
Block Forest Officer  
Kud Block

Attested  
  
Range Forest Officer  
Dudu-HQ Chenani

  
Beat Guard  
Margona

  
Beat Guard

  
Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

**Muck Disposal Plan for Additional ROW requirement for Development of Two Bridges  
located at Km- 2+250 to Km- 3+450 and Km- 10+100 to Km- 10+560 of Chenani -  
Sudhmahadev Road (NH- 244)**

**Brief History**

1. National Highways & Infrastructure Development Corporation Ltd. (NHIDCL) a PSU under Ministry of Road Transport and Highways, Govt. of India has been entrusted with the working of widening and up-gradation to 2 lane with paved shoulder configuration and geometric improvement on Chenani - Sudhmahadev Section of NH- 244 in the UT of Jammu & Kashmir.
2. There is requirement of realignment in the geometry as per the required geometry of NH specifications at two sections of alignment portion of this project road i.e. from Km- 2+250 to Km- 3+450 and from Km- 10+100 to Km- 10+560 where additional land is required to pass through forest area.

**Muck Disposal Plan for Muck Dumping Site- 1**

Approximately **60,000 cum** of muck has to be disposed off for the proposed additional ROW requirement for realignment the project road i.e. from Km- 2+250 to Km- 3+450. In this quantity of muck approx **28,000 cum** of muck will be used for embankment filling and raising the level of the abutment and wings wall of the bridge and rest approx **32,000 cum** of muck will be disposed off at **Muck Point- 1** for which an area of **1.33 Ha.** has been proposed. Gabion wall structure will be constructed at the border of proposed muck dumping site so that it cannot be spread in other areas.

**Muck Disposal Plan for Muck Dumping Site- 2**

Approximately **50,000 cum** of muck has to be disposed off for the proposed additional ROW requirement for realignment the project road i.e. from Km- 10+100 to 10+560. In this quantity of muck approx **20,000 cum** of muck will be used for embankment filling and raising the level of the abutment and wings wall of the bridge and rest approx **30,000 cum** of muck will be disposed off at **Muck Point- 2** for which an area of **1.10 Ha.** has been proposed. Gabion wall structure will be constructed at the border of proposed muck dumping site so that it cannot be spread in other areas.



**(S. P. S. Sangwan)  
General Manager (P)  
NHIDCL, PMU-  
Akhnoor  
General Manager (P)  
N.H.I.D.C.L.,  
PMU-Akhnoor (J&K)**



**UPGRADATION OF CHENANI- SUDHMAHADEV ROAD (RE-ALIGNMENT AND  
DUMPING POINT (2 NO.) PASSING THROUGH THE FOREST LAND Co. 97a/D,  
97b/D and 101b/D.**

**Justification / Recommendation.**

The diversion of the land is required by the user agency for the upgradation of CHENANI- SUDHMAHADEV road (re-alignment and dumping point (2 no.) passing through the forest land Co. 97a/D, 97b/D and 101b/D. (5.146 Hectare). The widening of the road will benefit the villagers adjoining to the road.

Therefore, the project regarding diversion of the land for widening of Chenani-Sudhmahadev road, justifies in the interest of the general public.

*Ram Pal Singh*  
Site Engineer  
NHIDCL

*H. Pandey*  
Block Forest Officer  
Kud Block

Attested  
*G. Kumar*  
Range Forest Officer  
Dudu-HQ Chenani

*Jay*  
Beat Guard  
Margana

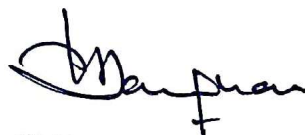
*R. Chow*  
He Beat guard leader

*Ch. S. Singh*  
Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

**CERTIFICATE****(NO VIOLATION OF FOREST [CONSERVATION] ACT, 1980 / GUIDELINE UNDER IT -  
CERTIFICATE OF PROJECT AUTHORITY)**

This is to certify that no work has started in Forest Land village Ancha, Margana, Chenani, Bashat, Chullyar of Tehsil Chenani, District- Udhampur for the realignment in the geometry as per the required geometry of NH specifications at two sections of alignment portion of this project road i.e. from Km- 2+250 to Km- 3+450 and from Km- 10+100 to Km- 10+560 where additional land is required to pass in the forest area in the Union Territory of Jammu & Kashmir.

This is also to be certified that the provisions of Forest Conservation Act, 1980 and Guidelines under has not been violated for the realignment in the geometry as per the required geometry of NH specifications at two sections of alignment portion of this project road i.e. from Km- 2+250 to Km- 3+450 and from Km- 10+100 to Km- 10+560 where additional land is required to pass in the forest area in the Union Territory of Jammu & Kashmir at village Ancha, Margana, Chenani, Bashat, Chullyar of Tehsil Chenani, District- Udhampur.



(S. P. S. Sangwan)  
General Manager (P)  
NHIDCL, PMU-Akhnoor

**General Manager (P)**  
**N.H.I.D.C.L.,**  
**PMU-Akhnoor (J&K)**