

(To be uploaded as additional document in Part-II)

CHECKLIST (DFO)

Name of the Proposal: Proposed Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi
Katra Expressway

Division: Kathua Forest Division

Proposal No: FP/ROAD/142566/2021

S.no.	Particulars	Document enclosed (Yes/No)
1	Fill the Form-A (Part-II)	Yes
2	Joint Inspection by the representative of DFO and Project Authority and authentication of:	
	(i) inspection report	Yes
	(ii) enumeration list of trees/poles on the forest	Yes
	(iii) calculation of area (length and width) of forest land involved	Yes
	(iv) Layout plan with dimensions	Yes
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) .	Yes
4	C.A. Proposal approved by the competent authority	Yes
5	Geo-reference map of CA site	Yes
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)	Yes
7	Calculation sheet of NPV	Yes
8	Calculation sheet of Extraction charges	Yes
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,	Yes
	b) the Net Present Value (NPV)	Yes
	c) Additional Net Present Value (NPV) if any,	Yes
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.	NA
11	Site inspection report of DFO as per the format (attached)	Yes
12	Muck disposal plan	Yes
13	Specific recommendation of DFO	Yes
14	Recommendation of concerned Conservator of Forests	NA
15	Violation report, if any	Not noticed


Divisional Forest Officer
Kathua Forest Division, Kathua

Joint Inspection Report

Today on Dated: 27/07/2021, the representative of Divisional Forest Officer, Kathua and National Highway Authority of India (user agency) have conducted the joint inspection of the road namely proposed Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway.. The details is as under:

- i. Total length of road = 83.3998 Kms.
- ii. Forest area involved = 0.6642 hac in Bein Closure of Jasrota Range
- iii. Trees/poles etc. involved = 792 Nos.

The user agency has not violated the provisions of Forest Conservation Act, 1980 and also it was observed that Forest area involved in the proposal is unavoidable and barest minimum.

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Beat Guard
Said Kootah

Block Officer
Lower Hiranagar

Range Officer
Jasrota Forest Range
Hiranagar

Divisional Forest Officer
Kathua Forest Division, Kathua

**Enumeration list of trees/Poles coming under alignment of proposed Development of Package-15
(KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway by National Highway
Authority of India w.r.t. Kathua Forest Division**

S.No.	Name of species	Class	Girth	Dia (cm)	Dia-Class(cm)	Remarks
1	Sisoo	C	31	25.06372	0-30	
2	Khair	B	31	25.06372	0-30	
3	Khair	B	33	26.680735	0-30	
4	Khair	B	24	19.404171	0-30	
5	Khair	B	26	21.021185	0-30	
6	Khair	B	25	20.212678	0-30	
7	Khair	B	32	25.872228	0-30	
8	Khair	B	8	6.4680569	0-30	
9	Khair	B	26	21.021185	0-30	
10	Khair	B	33	26.680735	0-30	
11	Khair	B	23	18.595664	0-30	
12	Khair	B	25	20.212678	0-30	
13	Khair	B	39	31.531777	31-60	
14	Lacunia	C	16	12.936114	0-30	
15	Gilmohar	C	14	11.3191	0-30	
16	Acacia auriculiformis	C	12	9.7020853	0-30	
17	Safeda	C	23	18.595664	0-30	
18	Safeda	C	23	18.595664	0-30	
19	Khair	B	17	13.744621	0-30	
20	Khair	B	20	16.170142	0-30	
21	Safeda	C	15	12.127607	0-30	
22	Lacunia	C	13	10.510592	0-30	
23	Sisoo	C	12	9.7020853	0-30	
24	Lacunia	C	10	8.0850711	0-30	
25	Lacunia	C	12	9.7020853	0-30	
26	Lacunia	C	11	8.8935782	0-30	
27	Khair	B	27	21.829692	0-30	
28	Khair	B	30	24.255213	0-30	
29	Kiker	C	46	37.191327	31-60	
30	Sisoo	C	21	16.978649	0-30	
31	Khair	B	17	13.744621	0-30	
32	Sisoo	C	26	21.021185	0-30	
33	Khair	B	18	14.553128	0-30	
34	Lacunia	C	15	12.127607	0-30	
35	Khair	B	25	20.212678	0-30	
36	Sisoo	C	19	15.361635	0-30	
37	Khair	B	26	21.021185	0-30	
38	Lacunia	C	13	10.510592	0-30	
39	Lacunia	C	15	12.127607	0-30	
40	Khair	B	23	18.595664	0-30	
41	Khair	B	24	19.404171	0-30	
42	Khair	B	24	19.404171	0-30	
43	Khair	B	24	19.404171	0-30	
44	Khair	B	24	19.404171	0-30	

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Kishan Lal Patel
Glebeat Said
Kastab

Block Forest Officer
Block Lower Hiranagar

Range Officer
Jasrota Forest Range
Hiranagar

45	Kamble	C	29	23.446706	0-30
46	Khair	B	16	12.936114	0-30
47	Lacunia	C	25	20.212678	0-30
48	Khair	B	60	48.510427	31-60
49	Safeda	C	14	11.3191	0-30
50	Lacunia	C	12	9.7020853	0-30
51	Safeda	C	14	11.3191	0-30
52	Safeda	C	17	13.744621	0-30
53	Lacunia	C	12	9.7020853	0-30
54	Safeda	C	15	12.127607	0-30
55	Safeda	C	16	12.936114	0-30
56	Safeda	C	14	11.3191	0-30
57	Safeda	C	73	59.021019	31-60
58	Safeda	C	15	12.127607	0-30
59	Safeda	C	17	13.744621	0-30
60	Safeda	C	55	44.467891	31-60
61	Safeda	C	17	13.744621	0-30
62	Safeda	C	47	37.999834	31-60
63	Safeda	C	13	10.510592	0-30
64	Safeda	C	13	10.510592	0-30
65	Safeda	C	16	12.936114	0-30
66	Safeda	C	15	12.127607	0-30
67	Safeda	C	14	11.3191	0-30
68	Safeda	C	13	10.510592	0-30
69	Safeda	C	17	13.744621	0-30
70	Safeda	C	16	12.936114	0-30
71	Safeda	C	13	10.510592	0-30
72	Safeda	C	16	12.936114	0-30
73	Safeda	C	12	9.7020853	0-30
74	Khair	B	20	16.170142	0-30
75	Lacunia	C	34	27.489242	0-30
76	Kamble	C	29	23.446706	0-30
77	Lacunia	C	34	27.489242	0-30
78	Lacunia	C	35	28.297749	0-30
79	Khair	B	60	48.510427	31-60
80	Acacia auriculiformis	C	12	9.7020853	0-30
81	Lacunia	C	16	12.936114	0-30
82	Lacunia	C	14	11.3191	0-30
83	Lacunia	C	16	12.936114	0-30
84	Lacunia	C	18	14.553128	0-30
85	Lacunia	C	18	14.553128	0-30
86	Khair	B	16	12.936114	0-30
87	Sisoo	C	18	14.553128	0-30
88	Lacunia	C	12	9.7020853	0-30
89	Lacunia	C	13	10.510592	0-30
90	Lacunia	C	24	19.404171	0-30
91	Khair	B	29	23.446706	0-30
92	Khair	B	33	26.680735	0-30
93	Lacunia	C	15	12.127607	0-30
94	Lacunia	C	20	16.170142	0-30

Shymmi Lal Patel
Robert Singh
KODTA

Mehar
Block Forest Officer
Block Lower Hiranagar

Range Forest Officer
Jasur Forest Range
Jammu

95	Lacunia	C	20	16.170142	0-30	
96	Kiker	C	26	21.021185	0-30	
97	Lacunia	C	12	9.7020853	0-30	
98	Kiker	C	40	32.340284	31-60	
99	Lacunia	C	18	14.553128	0-30	
100	Lacunia	C	12	9.7020853	0-30	
101	Lacunia	C	13	10.510592	0-30	
102	Safeda	C	12	9.7020853	0-30	
103	Lacunia	C	15	12.127607	0-30	
104	Sisoo	C	24	19.404171	0-30	
105	Lacunia	C	13	10.510592	0-30	
106	Lacunia	C	16	12.936114	0-30	
107	Kiker	C	80	64.680569	61-90	
108	Lacunia	C	23	18.595664	0-30	
109	Lacunia	C	12	9.7020853	0-30	
110	Lacunia	C	12	9.7020853	0-30	
111	Lacunia	C	13	10.510592	0-30	
112	Lacunia	C	23	18.595664	0-30	
113	Sisoo	C	19	15.361635	0-30	
114	Sisoo	C	12	9.7020853	0-30	
115	Sisoo	C	19	15.361635	0-30	
116	Lacunia	C	15	12.127607	0-30	
117	Lacunia	C	14	11.3191	0-30	
118	Lacunia	C	13	10.510592	0-30	
119	Lacunia	C	14	11.3191	0-30	
120	Lacunia	C	12	9.7020853	0-30	
121	Lacunia	C	12	9.7020853	0-30	
122	Lacunia	C	19	15.361635	0-30	
123	Lacunia	C	12	9.7020853	0-30	
124	Lacunia	C	20	16.170142	0-30	
125	Lacunia	C	20	16.170142	0-30	
126	Lacunia	C	20	16.170142	0-30	
127	Lacunia	C	15	12.127607	0-30	
128	Safeda	C	12	9.7020853	0-30	
129	Kiker	C	29	23.446706	0-30	
130	Safeda	C	12	9.7020853	0-30	
131	Lacunia	C	12	9.7020853	0-30	
132	Lacunia	C	13	10.510592	0-30	
133	Lacunia	C	12	9.7020853	0-30	
134	Safeda	C	15	12.127607	0-30	
135	Safeda	C	11	8.8935782	0-30	
136	Lacunia	C	12	9.7020853	0-30	
137	Safeda	C	12	9.7020853	0-30	
138	Lacunia	C	12	9.7020853	0-30	
139	Safeda	C	13	10.510592	0-30	
140	Safeda	C	12	9.7020853	0-30	
141	Safeda	C	12	9.7020853	0-30	
142	Safeda	C	15	12.127607	0-30	
143	Lacunia	C	12	9.7020853	0-30	
144	Lacunia	C	12	9.7020853	0-30	

William Calicut
Jc East Side
Kee/aj

Block
Block Forest Officer
Hiranagar

Range Forest Officer
Jasrta Forest Range
Hiranagar

145	Safeda	C	11	8.8935782	0-30	
146	Safeda	C	11	8.8935782	0-30	
147	Safeda	C	12	9.7020853	0-30	
148	Safeda	C	11	8.8935782	0-30	
149	Safeda	C	11	8.8935782	0-30	
150	Safeda	C	12	9.7020853	0-30	
151	Safeda	C	97	78.42519	61-90	
152	Lacunia	C	39	31.531777	31-60	
153	Safeda	C	12	9.7020853	0-30	
154	Lacunia	C	33	26.680735	0-30	
155	Safeda	C	64	51.744455	31-60	
156	Safeda	C	66	53.361469	31-60	
157	Safeda	C	57	46.084905	31-60	
158	Safeda	C	63	50.935948	31-60	
159	Lacunia	C	32	25.872228	0-30	
160	Lacunia	C	34	27.489242	0-30	
161	Safeda	C	55	44.467891	31-60	
162	Safeda	C	17	13.744621	0-30	
163	Safeda	C	16	12.936114	0-30	
164	Safeda	C	13	10.510592	0-30	
165	Safeda	C	13	10.510592	0-30	
166	Safeda	C	13	10.510592	0-30	
167	Safeda	C	11	8.8935782	0-30	
168	Safeda	C	12	9.7020853	0-30	
169	Lacunia	C	11	8.8935782	0-30	
170	Lacunia	C	11	8.8935782	0-30	
171	Lacunia	C	11	8.8935782	0-30	
172	Lacunia	C	12	9.7020853	0-30	
173	Sisoo	C	40	32.340284	31-60	
174	Sisoo	C	64	51.744455	31-60	
175	Sisoo	C	39	31.531777	31-60	
176	Lacunia	C	16	12.936114	0-30	
177	Sisoo	C	21	16.978649	0-30	
178	Khair	B	13	10.510592	0-30	
179	Khair	B	18	14.553128	0-30	
180	Sisoo	C	47	37.999834	31-60	
181	Kakoa	C	14	11.3191	0-30	
182	Lacunia	C	11	8.8935782	0-30	
183	Lacunia	C	14	11.3191	0-30	
184	Lacunia	C	16	12.936114	0-30	
185	Lacunia	C	14	11.3191	0-30	
186	Lacunia	C	27	21.829692	0-30	
187	Sisoo	C	52	42.04237	31-60	
188	Lacunia	C	46	37.191327	31-60	
189	Khair	B	31	25.06372	0-30	
190	Khair	B	27	21.829692	0-30	
191	Safeda	C	55	44.467891	31-60	
192	Safeda	C	56	45.276398	31-60	
193	Safeda	C	64	51.744455	31-60	
194	Lacunia	C	36	29.106256	0-30	

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

W. S. Singh
9165000000
Kootay

W. S. Singh
Block Forest Officer
Block Lower Hiranagar

W. S. Singh
Range Forest Officer
Jasrota Forest Range
Hiranagar

195	Lacunia	C	31	25.06372	0-30
196	Lacunia	C	34	27.489242	0-30
197	Lacunia	C	36	29.106256	0-30
198	Lacunia	C	30	24.255213	0-30
199	Lacunia	C	44	35.574313	31-60
200	Safeda	C	14	11.3191	0-30
201	Safeda	C	11	8.8935782	0-30
202	Safeda	C	13	10.510592	0-30
203	Safeda	C	14	11.3191	0-30
204	Safeda	C	14	11.3191	0-30
205	Safeda	C	14	11.3191	0-30
206	Safeda	C	13	10.510592	0-30
207	Safeda	C	112	90.552796	91-120
208	Safeda	C	12	9.7020853	0-30
209	Safeda	C	15	12.127607	0-30
210	Safeda	C	13	10.510592	0-30
211	Safeda	C	16	12.936114	0-30
212	Safeda	C	15	12.127607	0-30
213	Safeda	C	20	16.170142	0-30
214	Safeda	C	19	15.361635	0-30
215	Safeda	C	16	12.936114	0-30
216	Safeda	C	20	16.170142	0-30
217	Safeda	C	16	12.936114	0-30
218	Safeda	C	15	12.127607	0-30
219	Safeda	C	16	12.936114	0-30
220	Safeda	C	16	12.936114	0-30
221	Safeda	C	15	12.127607	0-30
222	Safeda	C	37	29.914763	0-30
223	Lacunia	C	14	11.3191	0-30
224	Safeda	C	15	12.127607	0-30
225	Safeda	C	14	11.3191	0-30
226	Safeda	C	12	9.7020853	0-30
227	Safeda	C	12	9.7020853	0-30
228	Lacunia	C	30	24.255213	0-30
229	Lacunia	C	37	29.914763	0-30
230	Lacunia	C	28	22.638199	0-30
231	Lacunia	C	30	24.255213	0-30
232	Lacunia	C	32	25.872228	0-30
233	Safeda	C	60	48.510427	31-60
234	Safeda	C	62	50.127441	31-60
235	Safeda	C	50	40.425356	31-60
236	Safeda	C	10	8.0850711	0-30
237	Safeda	C	8	6.4680569	0-30
238	Safeda	C	6	4.8510427	0-30
239	Safeda	C	7	5.6595498	0-30
240	Safeda	C	8	6.4680569	0-30
241	Safeda	C	6	4.8510427	0-30
242	Safeda	C	8	6.4680569	0-30
243	Safeda	C	4	3.2340284	0-30
244	Safeda	C	5	4.0425356	0-30

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Shamir
Present
Said
Korla

Shamir
Block Forest Officer
Block Lower Hiranagar

Shamir
Range Forest Officer
Jasrota Forest Range
Hiranagar

245	Safeda	C	6	4.8510427	0-30	
246	Safeda	C	4	3.2340284	0-30	
247	Safeda	C	4	3.2340284	0-30	
248	Safeda	C	5	4.0425356	0-30	
249	Safeda	C	6	4.8510427	0-30	
250	Safeda	C	7	5.6595498	0-30	
251	Safeda	C	4	3.2340284	0-30	
252	Safeda	C	5	4.0425356	0-30	
253	Safeda	C	4	3.2340284	0-30	
254	Safeda	C	2	1.6170142	0-30	
255	Safeda	C	2	1.6170142	0-30	
256	Safeda	C	4	3.2340284	0-30	
257	Safeda	C	6	4.8510427	0-30	
258	Safeda	C	8	6.4680569	0-30	
259	Safeda	C	7	5.6595498	0-30	
260	Safeda	C	5	4.0425356	0-30	
261	Safeda	C	4	3.2340284	0-30	
262	Safeda	C	4	3.2340284	0-30	
263	Safeda	C	4	3.2340284	0-30	
264	Safeda	C	4	3.2340284	0-30	
265	Safeda	C	4	3.2340284	0-30	
266	Safeda	C	6	4.8510427	0-30	
267	Safeda	C	7	5.6595498	0-30	
268	Safeda	C	8	6.4680569	0-30	
269	Safeda	C	6	4.8510427	0-30	
270	Safeda	C	8	6.4680569	0-30	
271	Safeda	C	4	3.2340284	0-30	
272	Safeda	C	5	4.0425356	0-30	
273	Safeda	C	6	4.8510427	0-30	
274	Safeda	C	4	3.2340284	0-30	
275	Safeda	C	4	3.2340284	0-30	
276	Safeda	C	5	4.0425356	0-30	
277	Safeda	C	6	4.8510427	0-30	
278	Safeda	C	7	5.6595498	0-30	
279	Safeda	C	4	3.2340284	0-30	
280	Safeda	C	5	4.0425356	0-30	
281	Safeda	C	4	3.2340284	0-30	
282	Safeda	C	2	1.6170142	0-30	
283	Safeda	C	2	1.6170142	0-30	
284	Safeda	C	4	3.2340284	0-30	
285	Safeda	C	6	4.8510427	0-30	
286	Safeda	C	8	6.4680569	0-30	
287	Safeda	C	7	5.6595498	0-30	
288	Safeda	C	5	4.0425356	0-30	
289	Safeda	C	4	3.2340284	0-30	
290	Safeda	C	4	3.2340284	0-30	
291	Safeda	C	4	3.2340284	0-30	
292	Safeda	C	4	3.2340284	0-30	
293	Safeda	C	4	3.2340284	0-30	
294	Safeda	C	6	4.8510427	0-30	

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

(Signature)
S/Chief Saini
Kootah

(Signature)
Block Forest Officer
Block Lower Hiranagar

(Signature)
Range Forest Officer
Jasrota Forest Range
Hiranagar

295	Safeda	C	7	5.6595498	0-30
296	Safeda	C	8	6.4680569	0-30
297	Safeda	C	6	4.8510427	0-30
298	Safeda	C	8	6.4680569	0-30
299	Safeda	C	4	3.2340284	0-30
300	Safeda	C	5	4.0425356	0-30
301	Safeda	C	6	4.8510427	0-30
302	Safeda	C	4	3.2340284	0-30
303	Safeda	C	4	3.2340284	0-30
304	Safeda	C	5	4.0425356	0-30
305	Safeda	C	6	4.8510427	0-30
306	Safeda	C	7	5.6595498	0-30
307	Safeda	C	4	3.2340284	0-30
308	Safeda	C	5	4.0425356	0-30
309	Safeda	C	4	3.2340284	0-30
310	Safeda	C	2	1.6170142	0-30
311	Safeda	C	2	1.6170142	0-30
312	Safeda	C	4	3.2340284	0-30
313	Safeda	C	6	4.8510427	0-30
314	Safeda	C	8	6.4680569	0-30
315	Safeda	C	7	5.6595498	0-30
316	Safeda	C	5	4.0425356	0-30
317	Safeda	C	4	3.2340284	0-30
318	Safeda	C	4	3.2340284	0-30
319	Safeda	C	4	3.2340284	0-30
320	Safeda	C	4	3.2340284	0-30
321	Safeda	C	4	3.2340284	0-30
322	Safeda	C	6	4.8510427	0-30
323	Safeda	C	7	5.6595498	0-30
324	Safeda	C	8	6.4680569	0-30
325	Safeda	C	6	4.8510427	0-30
326	Safeda	C	8	6.4680569	0-30
327	Safeda	C	4	3.2340284	0-30
328	Safeda	C	5	4.0425356	0-30
329	Safeda	C	6	4.8510427	0-30
330	Safeda	C	4	3.2340284	0-30
331	Safeda	C	4	3.2340284	0-30
332	Safeda	C	5	4.0425356	0-30
333	Safeda	C	6	4.8510427	0-30
334	Safeda	C	7	5.6595498	0-30
335	Safeda	C	4	3.2340284	0-30
336	Safeda	C	5	4.0425356	0-30
337	Safeda	C	4	3.2340284	0-30
338	Safeda	C	2	1.6170142	0-30
339	Safeda	C	2	1.6170142	0-30
340	Safeda	C	4	3.2340284	0-30
341	Safeda	C	6	4.8510427	0-30
342	Safeda	C	8	6.4680569	0-30
343	Safeda	C	7	5.6595498	0-30
344	Safeda	C	5	4.0425356	0-30

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Handwritten signature and text:
Dilip Kumar Singh
Jalant Singh
Kanta Singh

Handwritten signature and text:
Block Forest Officer
Jasrota Forest Range

Handwritten signature and text:
Range Forest Office:
Jasrota Forest Range

345	Safeda	C	4	3.2340284	0-30	
346	Safeda	C	4	3.2340284	0-30	
347	Safeda	C	4	3.2340284	0-30	
348	Safeda	C	4	3.2340284	0-30	
349	Safeda	C	4	3.2340284	0-30	
350	Safeda	C	6	4.8510427	0-30	
351	Safeda	C	7	5.6595498	0-30	
352	Safeda	C	8	6.4680569	0-30	
353	Safeda	C	6	4.8510427	0-30	
354	Safeda	C	8	6.4680569	0-30	
355	Safeda	C	4	3.2340284	0-30	
356	Safeda	C	5	4.0425356	0-30	
357	Safeda	C	6	4.8510427	0-30	
358	Safeda	C	4	3.2340284	0-30	
359	Safeda	C	4	3.2340284	0-30	
360	Safeda	C	5	4.0425356	0-30	
361	Safeda	C	6	4.8510427	0-30	
362	Safeda	C	7	5.6595498	0-30	
363	Safeda	C	4	3.2340284	0-30	
364	Safeda	C	5	4.0425356	0-30	
365	Safeda	C	4	3.2340284	0-30	
366	Safeda	C	2	1.6170142	0-30	
367	Safeda	C	2	1.6170142	0-30	
368	Safeda	C	4	3.2340284	0-30	
369	Safeda	C	6	4.8510427	0-30	
370	Safeda	C	8	6.4680569	0-30	
371	Safeda	C	7	5.6595498	0-30	
372	Safeda	C	5	4.0425356	0-30	
373	Safeda	C	4	3.2340284	0-30	
374	Safeda	C	4	3.2340284	0-30	
375	Safeda	C	4	3.2340284	0-30	
376	Safeda	C	4	3.2340284	0-30	
377	Safeda	C	4	3.2340284	0-30	
378	Safeda	C	6	4.8510427	0-30	
379	Safeda	C	7	5.6595498	0-30	
380	Safeda	C	8	6.4680569	0-30	
381	Safeda	C	6	4.8510427	0-30	
382	Safeda	C	8	6.4680569	0-30	
383	Safeda	C	4	3.2340284	0-30	
384	Safeda	C	5	4.0425356	0-30	
385	Safeda	C	6	4.8510427	0-30	
386	Safeda	C	4	3.2340284	0-30	
387	Safeda	C	4	3.2340284	0-30	
388	Safeda	C	5	4.0425356	0-30	
389	Safeda	C	6	4.8510427	0-30	
390	Safeda	C	7	5.6595498	0-30	
391	Safeda	C	4	3.2340284	0-30	
392	Safeda	C	5	4.0425356	0-30	
393	Safeda	C	4	3.2340284	0-30	
394	Safeda	C	2	1.6170142	0-30	

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Gibbert Said
Kortel

Block Forest Officer
Block Lower Hiranagar

Range Forest Officer
Jasrota Forest Range
Hiranagar

395	Safeda	C	2	1.6170142	0-30	
396	Safeda	C	4	3.2340284	0-30	
397	Safeda	C	6	4.8510427	0-30	
398	Safeda	C	8	6.4680569	0-30	
399	Safeda	C	7	5.6595498	0-30	
400	Safeda	C	5	4.0425356	0-30	
401	Safeda	C	4	3.2340284	0-30	
402	Safeda	C	4	3.2340284	0-30	
403	Safeda	C	4	3.2340284	0-30	
404	Safeda	C	4	3.2340284	0-30	
405	Safeda	C	4	3.2340284	0-30	
406	Safeda	C	6	4.8510427	0-30	
407	Safeda	C	7	5.6595498	0-30	
408	Safeda	C	8	6.4680569	0-30	
409	Safeda	C	6	4.8510427	0-30	
410	Safeda	C	8	6.4680569	0-30	
411	Safeda	C	4	3.2340284	0-30	
412	Safeda	C	5	4.0425356	0-30	
413	Safeda	C	6	4.8510427	0-30	
414	Safeda	C	4	3.2340284	0-30	
415	Safeda	C	4	3.2340284	0-30	
416	Lacunia	C	5	4.0425356	0-30	
417	Lacunia	C	6	4.8510427	0-30	
418	Lacunia	C	7	5.6595498	0-30	
419	Lacunia	C	4	3.2340284	0-30	
420	Lacunia	C	5	4.0425356	0-30	
421	Lacunia	C	4	3.2340284	0-30	
422	Lacunia	C	2	1.6170142	0-30	
423	Lacunia	C	2	1.6170142	0-30	
424	Lacunia	C	4	3.2340284	0-30	
425	Lacunia	C	6	4.8510427	0-30	
426	Lacunia	C	8	6.4680569	0-30	
427	Lacunia	C	7	5.6595498	0-30	
428	Lacunia	C	5	4.0425356	0-30	
429	Lacunia	C	4	3.2340284	0-30	
430	Lacunia	C	4	3.2340284	0-30	
431	Lacunia	C	4	3.2340284	0-30	
432	Lacunia	C	4	3.2340284	0-30	
433	Lacunia	C	4	3.2340284	0-30	
434	Lacunia	C	6	4.8510427	0-30	
435	Lacunia	C	7	5.6595498	0-30	
436	Lacunia	C	8	6.4680569	0-30	
437	Lacunia	C	6	4.8510427	0-30	
438	Lacunia	C	8	6.4680569	0-30	
439	Lacunia	C	4	3.2340284	0-30	
440	Lacunia	C	5	4.0425356	0-30	
441	Lacunia	C	6	4.8510427	0-30	
442	Lacunia	C	4	3.2340284	0-30	
443	Lacunia	C	4	3.2340284	0-30	
444	Lacunia	C	5	4.0425356	0-30	

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Wahni Chahal
Block Forest Officer
Kootah

Wahni
Block Forest Officer
Block Lower Hiranagar

Wahni
Range Forest Officer
Jasrana Forest Range
Hiranagar

445	Lacunia	C	6	4.8510427	0-30	
446	Lacunia	C	7	5.6595498	0-30	
447	Lacunia	C	4	3.2340284	0-30	
448	Lacunia	C	5	4.0425356	0-30	
449	Lacunia	C	4	3.2340284	0-30	
450	Lacunia	C	2	1.6170142	0-30	
451	Lacunia	C	2	1.6170142	0-30	
452	Lacunia	C	4	3.2340284	0-30	
453	Lacunia	C	6	4.8510427	0-30	
454	Lacunia	C	8	6.4680569	0-30	
455	Lacunia	C	7	5.6595498	0-30	
456	Lacunia	C	5	4.0425356	0-30	
457	Lacunia	C	4	3.2340284	0-30	
458	Lacunia	C	4	3.2340284	0-30	
459	Lacunia	C	4	3.2340284	0-30	
460	Lacunia	C	4	3.2340284	0-30	
461	Lacunia	C	4	3.2340284	0-30	
462	Lacunia	C	6	4.8510427	0-30	
463	Lacunia	C	7	5.6595498	0-30	
464	Lacunia	C	8	6.4680569	0-30	
465	Lacunia	C	6	4.8510427	0-30	
466	Lacunia	C	8	6.4680569	0-30	
467	Lacunia	C	4	3.2340284	0-30	
468	Lacunia	C	5	4.0425356	0-30	
469	Lacunia	C	6	4.8510427	0-30	
470	Lacunia	C	4	3.2340284	0-30	
471	Lacunia	C	4	3.2340284	0-30	
472	Lacunia	C	5	4.0425356	0-30	
473	Lacunia	C	6	4.8510427	0-30	
474	Lacunia	C	7	5.6595498	0-30	
475	Lacunia	C	4	3.2340284	0-30	
476	Lacunia	C	5	4.0425356	0-30	
477	Lacunia	C	4	3.2340284	0-30	
478	Lacunia	C	2	1.6170142	0-30	
479	Lacunia	C	2	1.6170142	0-30	
480	Lacunia	C	4	3.2340284	0-30	
481	Lacunia	C	6	4.8510427	0-30	
482	Lacunia	C	8	6.4680569	0-30	
483	Lacunia	C	7	5.6595498	0-30	
484	Lacunia	C	5	4.0425356	0-30	
485	Lacunia	C	4	3.2340284	0-30	
486	Lacunia	C	4	3.2340284	0-30	
487	Lacunia	C	4	3.2340284	0-30	
488	Lacunia	C	4	3.2340284	0-30	
489	Lacunia	C	4	3.2340284	0-30	
490	Lacunia	C	6	4.8510427	0-30	
491	Lacunia	C	7	5.6595498	0-30	
492	Lacunia	C	8	6.4680569	0-30	
493	Lacunia	C	6	4.8510427	0-30	
494	Lacunia	C	8	6.4680569	0-30	

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Signature
McGill Said
KorTal

Signature
Block Forest Officer
Block Lower Hiranagar

Signature
Range Forest Officer
Jasrota Forest Range
Hiranagar

495	Lacunia	C	4	3.2340284	0-30	
496	Lacunia	C	5	4.0425356	0-30	
497	Lacunia	C	6	4.8510427	0-30	
498	Lacunia	C	4	3.2340284	0-30	
499	Lacunia	C	4	3.2340284	0-30	
500	Lacunia	C	5	4.0425356	0-30	
501	Lacunia	C	6	4.8510427	0-30	
502	Lacunia	C	7	5.6595498	0-30	
503	Lacunia	C	4	3.2340284	0-30	
504	Lacunia	C	5	4.0425356	0-30	
505	Lacunia	C	4	3.2340284	0-30	
506	Lacunia	C	2	1.6170142	0-30	
507	Lacunia	C	2	1.6170142	0-30	
508	Lacunia	C	4	3.2340284	0-30	
509	Lacunia	C	6	4.8510427	0-30	
510	Lacunia	C	8	6.4680569	0-30	
511	Lacunia	C	7	5.6595498	0-30	
512	Lacunia	C	5	4.0425356	0-30	
513	Lacunia	C	4	3.2340284	0-30	
514	Lacunia	C	4	3.2340284	0-30	
515	Lacunia	C	4	3.2340284	0-30	
516	Lacunia	C	4	3.2340284	0-30	
517	Lacunia	C	4	3.2340284	0-30	
518	Lacunia	C	6	4.8510427	0-30	
519	Lacunia	C	7	5.6595498	0-30	
520	Lacunia	C	8	6.4680569	0-30	
521	Lacunia	C	6	4.8510427	0-30	
522	Lacunia	C	8	6.4680569	0-30	
523	Lacunia	C	4	3.2340284	0-30	
524	Lacunia	C	5	4.0425356	0-30	
525	Lacunia	C	6	4.8510427	0-30	
526	Lacunia	C	4	3.2340284	0-30	
527	Lacunia	C	4	3.2340284	0-30	
528	Lacunia	C	5	4.0425356	0-30	
529	Lacunia	C	6	4.8510427	0-30	
530	Lacunia	C	7	5.6595498	0-30	
531	Lacunia	C	4	3.2340284	0-30	
532	Lacunia	C	5	4.0425356	0-30	
533	Lacunia	C	4	3.2340284	0-30	
534	Lacunia	C	2	1.6170142	0-30	
535	Lacunia	C	2	1.6170142	0-30	
536	Lacunia	C	4	3.2340284	0-30	
537	Lacunia	C	6	4.8510427	0-30	
538	Lacunia	C	8	6.4680569	0-30	
539	Lacunia	C	7	5.6595498	0-30	
540	Lacunia	C	5	4.0425356	0-30	
541	Lacunia	C	4	3.2340284	0-30	
542	Lacunia	C	4	3.2340284	0-30	
543	Lacunia	C	4	3.2340284	0-30	
544	Lacunia	C	4	3.2340284	0-30	

परियोजना निदेशक

Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Communicated
9/6/2019
Said
Koota

Block Forest Officer
Block Lower Hiranagar
Range Forest Officer
Jasrota Forest Range
Hiranagar

545	Lacunia	C	4	3.2340284	0-30
546	Lacunia	C	6	4.8510427	0-30
547	Lacunia	C	7	5.6595498	0-30
548	Lacunia	C	8	6.4680569	0-30
549	Lacunia	C	6	4.8510427	0-30
550	Lacunia	C	8	6.4680569	0-30
551	Lacunia	C	4	3.2340284	0-30
552	Lacunia	C	5	4.0425356	0-30
553	Lacunia	C	6	4.8510427	0-30
554	Lacunia	C	4	3.2340284	0-30
555	Lacunia	C	4	3.2340284	0-30
556	Lacunia	C	5	4.0425356	0-30
557	Lacunia	C	6	4.8510427	0-30
558	Lacunia	C	7	5.6595498	0-30
559	Lacunia	C	4	3.2340284	0-30
560	Lacunia	C	5	4.0425356	0-30
561	Lacunia	C	4	3.2340284	0-30
562	Lacunia	C	2	1.6170142	0-30
563	Lacunia	C	2	1.6170142	0-30
564	Lacunia	C	4	3.2340284	0-30
565	Lacunia	C	6	4.8510427	0-30
566	Lacunia	C	8	6.4680569	0-30
567	Lacunia	C	7	5.6595498	0-30
568	Lacunia	C	5	4.0425356	0-30
569	Lacunia	C	4	3.2340284	0-30
570	Lacunia	C	4	3.2340284	0-30
571	Lacunia	C	4	3.2340284	0-30
572	Lacunia	C	4	3.2340284	0-30
573	Lacunia	C	4	3.2340284	0-30
574	Lacunia	C	6	4.8510427	0-30
575	Lacunia	C	7	5.6595498	0-30
576	Gadila	C	8	6.4680569	0-30
577	Gadila	C	6	4.8510427	0-30
578	Gadila	C	8	6.4680569	0-30
579	Gadila	C	4	3.2340284	0-30
580	Gadila	C	5	4.0425356	0-30
581	Gadila	C	6	4.8510427	0-30
582	Gadila	C	4	3.2340284	0-30
583	Gadila	C	4	3.2340284	0-30
584	Gadila	C	5	4.0425356	0-30
585	Gadila	C	6	4.8510427	0-30
586	Gadila	C	7	5.6595498	0-30
587	Gadila	C	4	3.2340284	0-30
588	Gadila	C	5	4.0425356	0-30
589	Gadila	C	4	3.2340284	0-30
590	Gadila	C	2	1.6170142	0-30
591	Gadila	C	2	1.6170142	0-30
592	Gadila	C	4	3.2340284	0-30
593	Gadila	C	6	4.8510427	0-30
594	Gadila	C	8	6.4680569	0-30

परियोजना निदेशक

Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Signature
S. C. Bhat
S. C. Bhat
S. C. Bhat

Block Forest Officer
Block Lower Hiranagar

Range Forest Officer
Jasrota Forest Range
Hiranagar

595	Gadila	C	7	5.6595498	0-30	
596	Gadila	C	5	4.0425356	0-30	
597	Gadila	C	4	3.2340284	0-30	
598	Gadila	C	4	3.2340284	0-30	
599	Gadila	C	4	3.2340284	0-30	
600	Gadila	C	4	3.2340284	0-30	
601	Neem	C	4	3.2340284	0-30	
602	Amla	A	4	3.2340284	0-30	
603	Amla	A	4	3.2340284	0-30	
604	Amla	A	4	3.2340284	0-30	
605	Amla	A	4	3.2340284	0-30	
606	Silver oak	C	4	3.2340284	0-30	
607	Silver oak	C	4	3.2340284	0-30	
608	Bamboo	C	7	5.6595498	0-30	
609	Bamboo	C	8	6.4680569	0-30	
610	Bamboo	C	7	5.6595498	0-30	
611	Bamboo	C	8	6.4680569	0-30	
612	Bamboo	C	8	6.4680569	0-30	
613	Bamboo	C	7	5.6595498	0-30	
614	Bamboo	C	6	4.8510427	0-30	
615	Bamboo	C	7	5.6595498	0-30	
616	Bamboo	C	8	6.4680569	0-30	
617	Bamboo	C	6	4.8510427	0-30	
618	Bamboo	C	7	5.6595498	0-30	
619	Bamboo	C	8	6.4680569	0-30	
620	Bamboo	C	7	5.6595498	0-30	
621	Bamboo	C	6	4.8510427	0-30	
622	Bamboo	C	5	4.0425356	0-30	
623	Bamboo	C	4	3.2340284	0-30	
624	Bamboo	C	7	5.6595498	0-30	
625	Bamboo	C	5	4.0425356	0-30	
626	Bamboo	C	4	3.2340284	0-30	
627	Bamboo	C	7	5.6595498	0-30	
628	Bamboo	C	7	5.6595498	0-30	
629	Bamboo	C	7	5.6595498	0-30	
630	Bamboo	C	8	6.4680569	0-30	
631	Bamboo	C	7	5.6595498	0-30	
632	Bamboo	C	8	6.4680569	0-30	
633	Bamboo	C	8	6.4680569	0-30	
634	Bamboo	C	7	5.6595498	0-30	
635	Bamboo	C	6	4.8510427	0-30	
636	Bamboo	C	7	5.6595498	0-30	
637	Bamboo	C	8	6.4680569	0-30	
638	Bamboo	C	6	4.8510427	0-30	
639	Bamboo	C	7	5.6595498	0-30	
640	Bamboo	C	8	6.4680569	0-30	
641	Bamboo	C	7	5.6595498	0-30	
642	Bamboo	C	6	4.8510427	0-30	
643	Bamboo	C	5	4.0425356	0-30	
644	Bamboo	C	4	3.2340284	0-30	

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Kishan Singh
Gebant Singh
Leotul

Block Forest Officer
Block Lower Hiranagar

Range Forest Officer
Jasrota Forest Range
Hiranagar

645	Bamboo	C	7	5.6595498	0-30	
646	Bamboo	C	5	4.0425356	0-30	
647	Bamboo	C	4	3.2340284	0-30	
648	Bamboo	C	7	5.6595498	0-30	
649	Bamboo	C	7	5.6595498	0-30	
650	Bamboo	C	7	5.6595498	0-30	
651	Bamboo	C	8	6.4680569	0-30	
652	Bamboo	C	7	5.6595498	0-30	
653	Bamboo	C	8	6.4680569	0-30	
654	Bamboo	C	8	6.4680569	0-30	
655	Bamboo	C	7	5.6595498	0-30	
656	Bamboo	C	6	4.8510427	0-30	
657	Bamboo	C	7	5.6595498	0-30	
658	Bamboo	C	8	6.4680569	0-30	
659	Bamboo	C	6	4.8510427	0-30	
660	Bamboo	C	7	5.6595498	0-30	
661	Bamboo	C	8	6.4680569	0-30	
662	Bamboo	C	7	5.6595498	0-30	
663	Bamboo	C	6	4.8510427	0-30	
664	Bamboo	C	5	4.0425356	0-30	
665	Bamboo	C	4	3.2340284	0-30	
666	Bamboo	C	7	5.6595498	0-30	
667	Bamboo	C	5	4.0425356	0-30	
668	Bamboo	C	4	3.2340284	0-30	
669	Bamboo	C	7	5.6595498	0-30	
670	Bamboo	C	7	5.6595498	0-30	
671	Bamboo	C	7	5.6595498	0-30	
672	Bamboo	C	8	6.4680569	0-30	
673	Bamboo	C	7	5.6595498	0-30	
674	Bamboo	C	8	6.4680569	0-30	
675	Bamboo	C	8	6.4680569	0-30	
676	Bamboo	C	7	5.6595498	0-30	
677	Bamboo	C	6	4.8510427	0-30	
678	Bamboo	C	7	5.6595498	0-30	
679	Bamboo	C	8	6.4680569	0-30	
680	Bamboo	C	6	4.8510427	0-30	
681	Bamboo	C	7	5.6595498	0-30	
682	Bamboo	C	8	6.4680569	0-30	
683	Bamboo	C	7	5.6595498	0-30	
684	Bamboo	C	6	4.8510427	0-30	
685	Bamboo	C	5	4.0425356	0-30	
686	Bamboo	C	4	3.2340284	0-30	
687	Bamboo	C	7	5.6595498	0-30	
688	Bamboo	C	5	4.0425356	0-30	
689	Bamboo	C	4	3.2340284	0-30	
690	Bamboo	C	7	5.6595498	0-30	
691	Bamboo	C	7	5.6595498	0-30	
692	Bamboo	C	7	5.6595498	0-30	
693	Bamboo	C	8	6.4680569	0-30	
694	Bamboo	C	7	5.6595498	0-30	

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Kishan Lal Asel
Sh. Gaur
Said
Koolah

Block Forest Officer
Block Lower Hiranagar

Range Forest Officer
Jasrota Forest Range
Hiranagar

695	Bamboo	C	8	6.4680569	0-30	
696	Bamboo	C	8	6.4680569	0-30	
697	Bamboo	C	7	5.6595498	0-30	
698	Bamboo	C	6	4.8510427	0-30	
699	Bamboo	C	7	5.6595498	0-30	
700	Bamboo	C	8	6.4680569	0-30	
701	Bamboo	C	6	4.8510427	0-30	
702	Bamboo	C	7	5.6595498	0-30	
703	Bamboo	C	8	6.4680569	0-30	
704	Bamboo	C	7	5.6595498	0-30	
705	Bamboo	C	6	4.8510427	0-30	
706	Bamboo	C	5	4.0425356	0-30	
707	Bamboo	C	4	3.2340284	0-30	
708	Bamboo	C	7	5.6595498	0-30	
709	Bamboo	C	5	4.0425356	0-30	
710	Bamboo	C	4	3.2340284	0-30	
711	Bamboo	C	7	5.6595498	0-30	
712	Bamboo	C	7	5.6595498	0-30	
713	Bamboo	C	7	5.6595498	0-30	
714	Bamboo	C	8	6.4680569	0-30	
715	Bamboo	C	7	5.6595498	0-30	
716	Bamboo	C	8	6.4680569	0-30	
717	Bamboo	C	8	6.4680569	0-30	
718	Bamboo	C	7	5.6595498	0-30	
719	Bamboo	C	6	4.8510427	0-30	
720	Bamboo	C	7	5.6595498	0-30	
721	Bamboo	C	8	6.4680569	0-30	
722	Bamboo	C	6	4.8510427	0-30	
723	Bamboo	C	7	5.6595498	0-30	
724	Bamboo	C	8	6.4680569	0-30	
725	Bamboo	C	7	5.6595498	0-30	
726	Bamboo	C	6	4.8510427	0-30	
727	Bamboo	C	5	4.0425356	0-30	
728	Bamboo	C	4	3.2340284	0-30	
729	Bamboo	C	7	5.6595498	0-30	
730	Bamboo	C	5	4.0425356	0-30	
731	Bamboo	C	4	3.2340284	0-30	
732	Bamboo	C	7	5.6595498	0-30	
733	Bamboo	C	7	5.6595498	0-30	
734	Bamboo	C	7	5.6595498	0-30	
735	Bamboo	C	8	6.4680569	0-30	
736	Bamboo	C	7	5.6595498	0-30	
737	Bamboo	C	8	6.4680569	0-30	
738	Bamboo	C	8	6.4680569	0-30	
739	Bamboo	C	7	5.6595498	0-30	
740	Bamboo	C	6	4.8510427	0-30	
741	Bamboo	C	7	5.6595498	0-30	
742	Bamboo	C	8	6.4680569	0-30	
743	Bamboo	C	6	4.8510427	0-30	
744	Bamboo	C	7	5.6595498	0-30	

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Handwritten signature
GIC Sant Saini
Kaula

Handwritten signature
Block Forest Officer
Block Lower Hiranagar

Handwritten signature
Range Officer
Jammu Forest Range
Hiranagar

745	Bamboo	C	8	6.4680569	0-30	
746	Bamboo	C	7	5.6595498	0-30	
747	Bamboo	C	6	4.8510427	0-30	
748	Bamboo	C	5	4.0425356	0-30	
749	Bamboo	C	4	3.2340284	0-30	
750	Bamboo	C	7	5.6595498	0-30	
751	Bamboo	C	5	4.0425356	0-30	
752	Bamboo	C	4	3.2340284	0-30	
753	Bamboo	C	7	5.6595498	0-30	
754	Bamboo	C	7	5.6595498	0-30	
755	Bamboo	C	7	5.6595498	0-30	
756	Bamboo	C	8	6.4680569	0-30	
757	Bamboo	C	7	5.6595498	0-30	
758	Bamboo	C	8	6.4680569	0-30	
759	Bamboo	C	8	6.4680569	0-30	
760	Bamboo	C	7	5.6595498	0-30	
761	Bamboo	C	6	4.8510427	0-30	
762	Bamboo	C	7	5.6595498	0-30	
763	Bamboo	C	8	6.4680569	0-30	
764	Bamboo	C	6	4.8510427	0-30	
765	Bamboo	C	7	5.6595498	0-30	
766	Bamboo	C	8	6.4680569	0-30	
767	Bamboo	C	7	5.6595498	0-30	
768	Bamboo	C	6	4.8510427	0-30	
769	Bamboo	C	5	4.0425356	0-30	
770	Bamboo	C	4	3.2340284	0-30	
771	Bamboo	C	7	5.6595498	0-30	
772	Bamboo	C	5	4.0425356	0-30	
773	Bamboo	C	4	3.2340284	0-30	
774	Bamboo	C	7	5.6595498	0-30	
775	Bamboo	C	7	5.6595498	0-30	
776	Bamboo	C	7	5.6595498	0-30	
777	Bamboo	C	8	6.4680569	0-30	
778	Bamboo	C	7	5.6595498	0-30	
779	Bamboo	C	8	6.4680569	0-30	
780	Bamboo	C	8	6.4680569	0-30	
781	Bamboo	C	7	5.6595498	0-30	
782	Bamboo	C	6	4.8510427	0-30	
783	Bamboo	C	7	5.6595498	0-30	
784	Bamboo	C	8	6.4680569	0-30	
785	Bamboo	C	6	4.8510427	0-30	
786	Bamboo	C	7	5.6595498	0-30	
787	Bamboo	C	8	6.4680569	0-30	
788	Bamboo	C	7	5.6595498	0-30	
789	Bamboo	C	6	4.8510427	0-30	
790	Bamboo	C	5	4.0425356	0-30	
791	Bamboo	C	4	3.2340284	0-30	
792	Bamboo	C	7	5.6595498	0-30	

Abstract

0-30	31-60	61-90	91-120	121-150	Total
762	27	2	1	0	792

Kilbunny Cat Rd
Gleba Saig
Koota

Block Forest Officer
Block Lower Hiranagar

Range Forest Officer
Jasrota Forest Range
Hiranagar

परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

CS
CS/1/12

Abstract of Enumeration List of Bein Closure

S.no.	Botanical Name	Name of species	0-30	31-60	61-90	91-120	121-150	Total
1	<i>Acacia catechu</i>	Khair	33	3	0	0	0	36
2	<i>Flacourtia indica</i>	Kakoa	1	0	0	0	0	1
3	<i>Lannea coromandelica</i>	Kembal	2	0	0	0	0	2
4	<i>Eucalyptu sp.</i>	Safeda	253	14	1	1	0	269
5	<i>Leucaena lecuocephla</i>	Lucinea	240	3	0	0	0	243
6	<i>Dalbergia sissoo</i>	Sisso	11	5	0	0	0	16
7	<i>Grevillea robusta</i>	Silver Oak	2	0	0	0	0	2
8	<i>Delonix regia</i>	Gulmohar	1	0	0	0	0	1
9	<i>Azadirachta indica</i>	Neem	1	0	0	0	0	1
10	<i>Dendrocalamus strictus</i>	Bamboo	185	0	0	0	0	185
11	Misc/Other	Gadila	25	0	0	0	0	25
12	<i>Embilca officinalis</i>	Amla	4	0	0	0	0	4
13	<i>Acacia ariculiformis</i>	Waliete Kikar	2	0	0	0	0	2
14	<i>Acacia nilotica</i>	Kiker	2	2	1	0	0	5
Total			762	27	2	1	0	792



Divisional Forest Officer
Kathua Forest Division
KATHUA,

Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway

CHECKLIST: 07

**STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR
DIVERSION**

Project is Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway and proposed area has been estimated using GIS technology. Forest Area as estimated in Kathua Forest Division is tabulated below:

Kathua Forest Division								
Sl. No.	Name of Forest	Chainage (from)	Chainage (to)	Length (m)	LHS Area (sq. m.)	RHS Area (sq. m.)	Total Area (Sq. m)	Area (Ha)
1	Jasrota Forest	473+155	473+312	157	0.0000	6642.0	6642.0	0.6642
Total							6642.0	0.6642

(Y P S Jadon)

Project Director

NHAI, PIU-Jammu

परियोजना निदेशक

Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway

CHECKLIST: 08

STATEMENT SHOWING DETAILS OF NON-FOREST AREA INVOLVED IN THE PROPOSAL

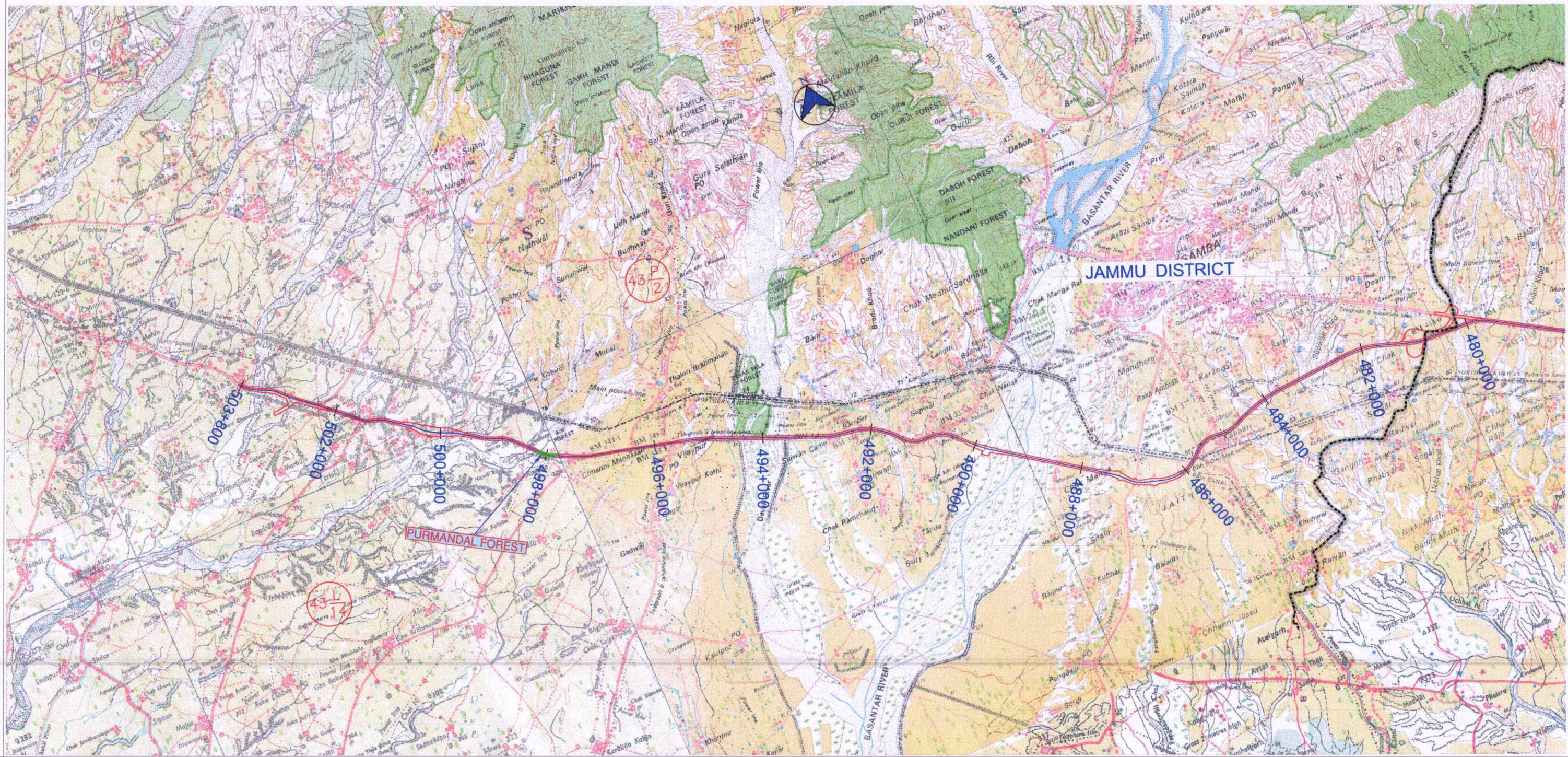
Sl. No.	District	Division	Tehsil	Village Name	Non-Forest Area (Ha)
1	Kathua	Kathua	Hiranagar	Gurha Baildaran	9.1156
2				Gurah Mundian	2.6286
3				Satoora	2.653
4				Gurha Balu	1.872
5				Gurah Mehtian	4.4459
6				Patta Rasana	3.9152
7				Patta Rasana	0.4805
8				Kootah	0.8709
				Total	25.9817

(Y P S Jadon)

परियोजना निदेशक
Project Director
NHAI, PIU-Jammu
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

KATRA

DELHI



परियोजना निदेशक
Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

LEGEND :			
	Final Alignment Options		
	Proposed ROW		
	District Boundary		
	State Boundary		
	Forest Land Proposed to be Diverted		

CLIENT:

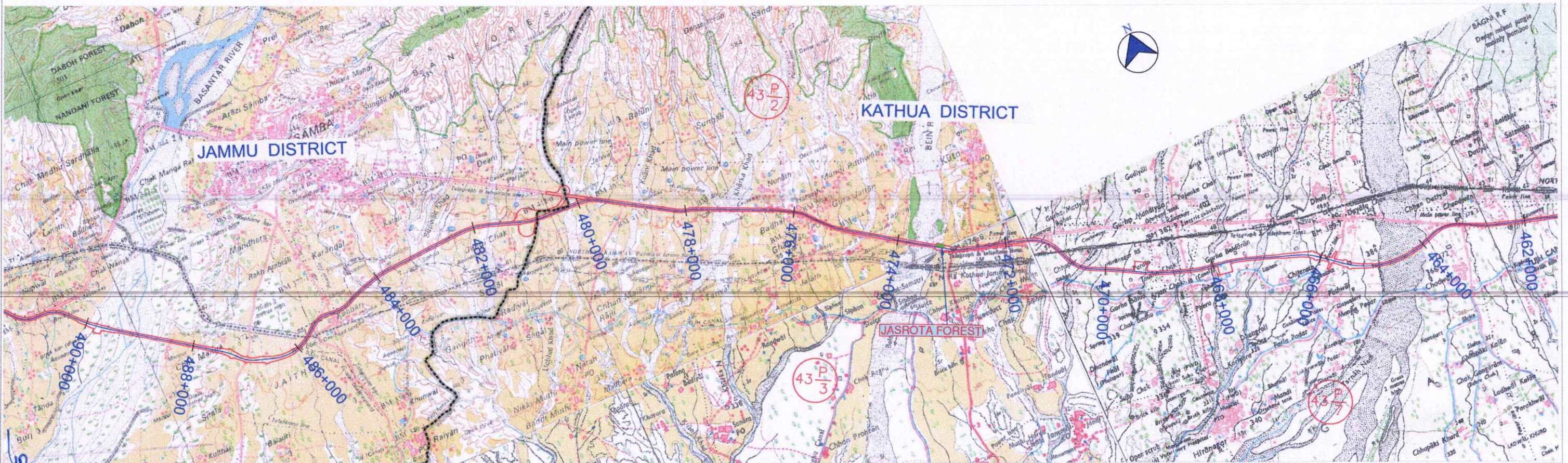
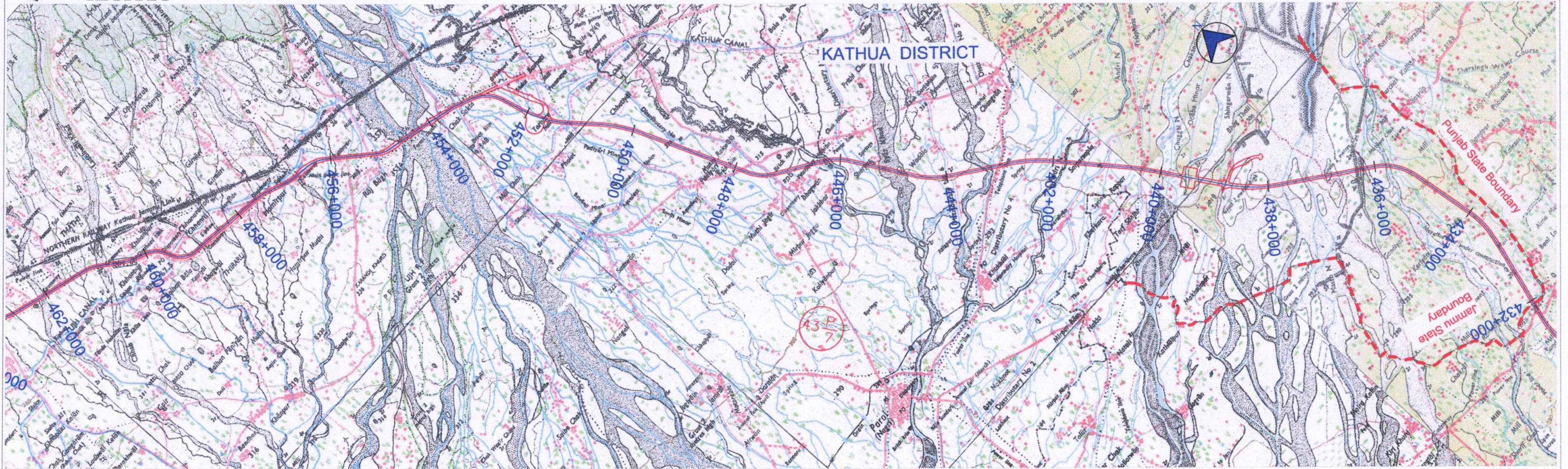
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road, Transport & Highways)
Government of India
G - 5 & 6, Sector - 10, New Delhi - 110075

DESIGN CONSULTANT:
FEEDBACK INFRA
Making Infrastructure happen
Feedback Infrastructure Services Private Limited
15th Floor, Tower 9B
DLF Cyber City Phase-III,
Gurgaon 122 002
The information contained herein is Confidential & Property of Feedback Infra Private Limited and not for Publication. The Information is issued on the Understanding that no part thereof shall be Copied or Communicated to a Third Party without Authorization in Writing from Feedback Infra Private Limited

Drawn By:	DJ	STATUS	
Designed By:	PK	PROJECT:	Construction of Delhi to Gurdaspur Section of Delhi - Amritsar - Katra Expressway.
Checked By:	AB	TITLE:	Phase -II Alignment for Delhi - Katra Expressway on SOI Map Kathua District (Jammu State)
Approved By:	P.R.	DRG NO.:	FIPL-00001427/HWSOI-01
SCALE:	1:50000	DATE:	May, 2021
		REV.	0
		SHEET:	02 of 02

KATRA

DELHI

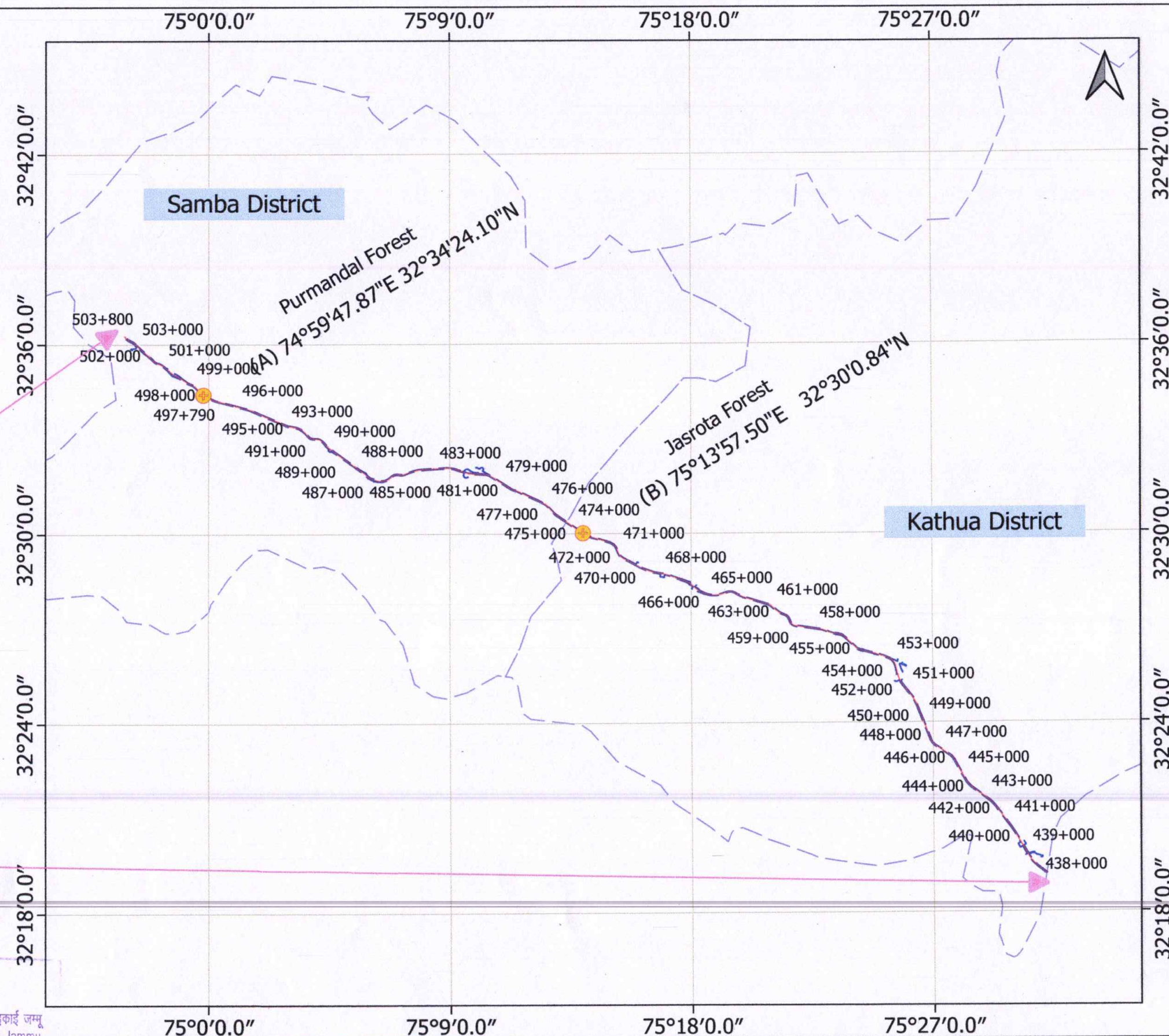
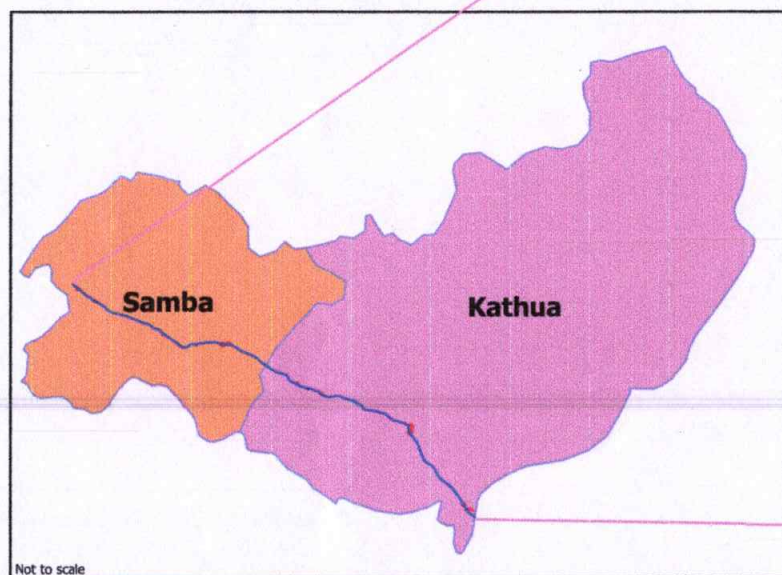
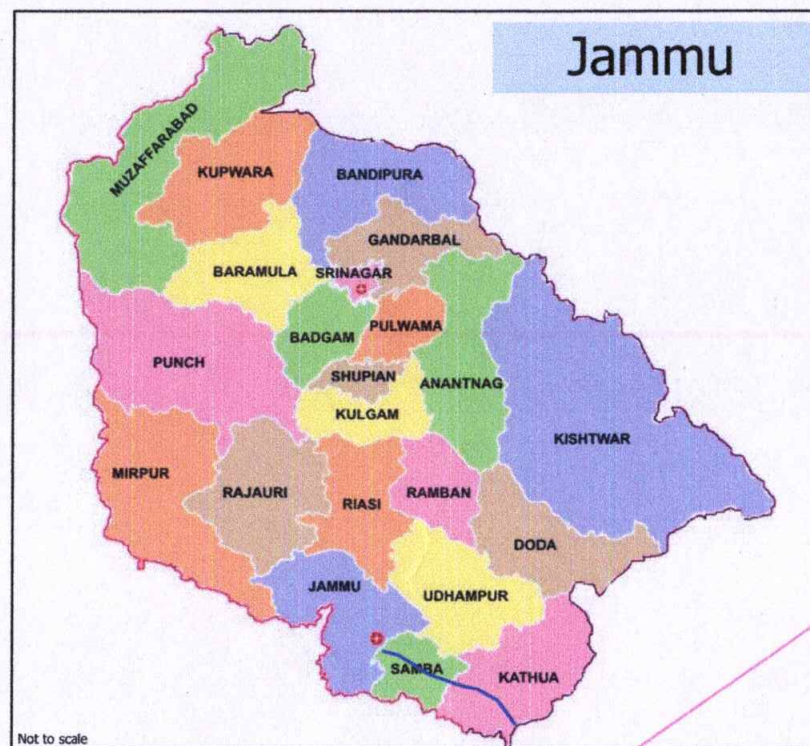


LEGEND :	
	Final Alignment Options
	Proposed ROW
	District Boundary
	State Boundary
	Forest Land Proposed to be Diverted

CLIENT:	
	NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road, Transport & Highways) Government of India G - 5 & 6, Sector - 10, New Delhi - 110075

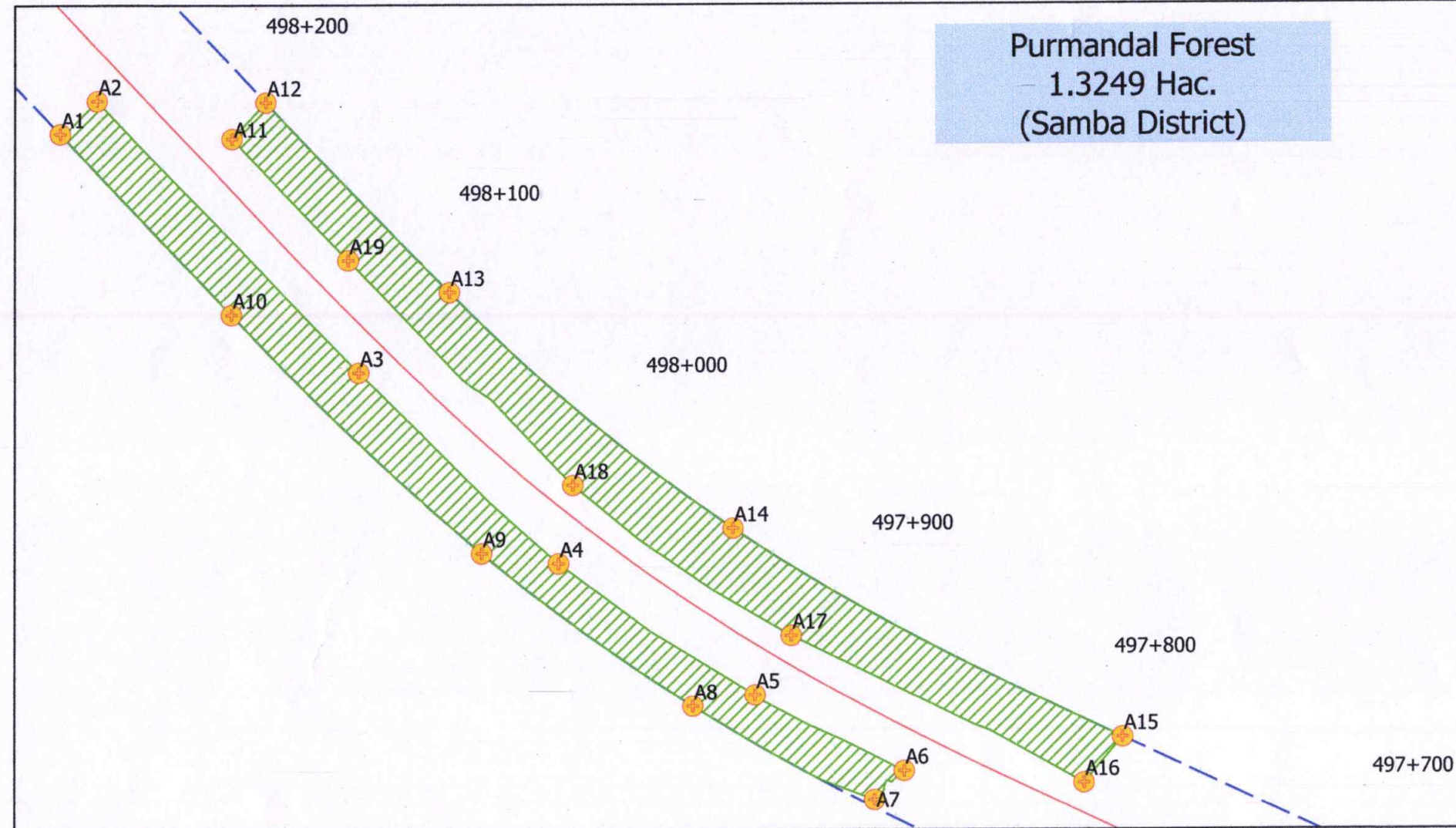
DESIGN CONSULTANT:	
	FEEDBACK INFRA Feedback Infrastructure Services Private Limited 15th Floor, Tower 6B DLF Cyber City Phase-III, Gurgaon 122 002
The information contained herein is Confidential & Property of Feedback Infra Private Limited and not for Publication. The Information is issued on the Understanding that no part thereof shall be Copied or Communicated to a Third Party without Authorization in Writing from Feedback Infra Private Limited	

Drawn By:	DJ	STATUS	PROJECT: Construction of Delhi to Gurdaspur Section of Delhi - Amritsar - Katra Expressway.
Designed By:	PK		
Checked By:	AB	TITLE: Phase -II Alignment for Delhi - Katra Expressway on SOI Map Kathua & Jammu District (Jammu State)	
Approved By:	P.R.	DRG NO.: FIPL-00001427/HWSOI-01	
SCALE: 1:50000	DATE: May, 2021	REV: 0	SHEET: 01 of 02

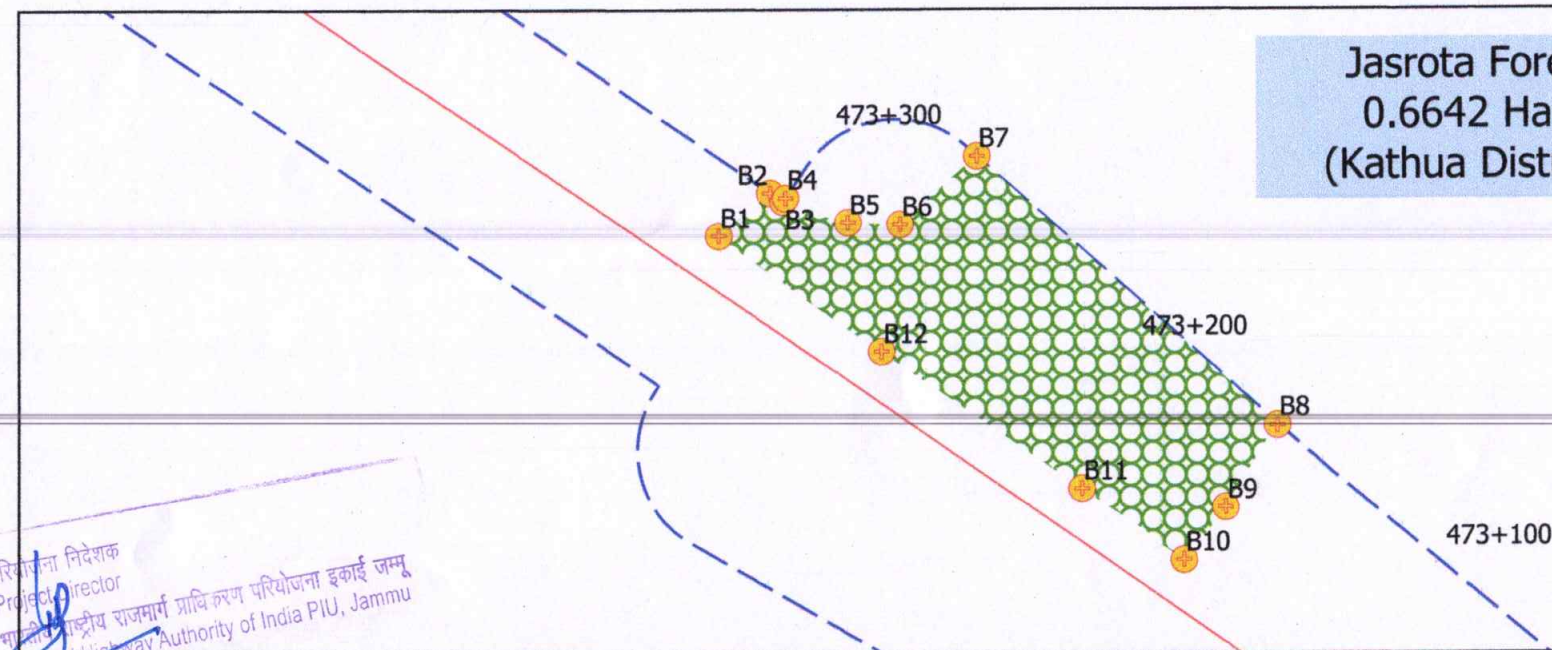


परियोजना निदेशक
Project Director
राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India P.I.U. Jammu

				 Survey Point	LEGEND  Proposed ROW (PROW)  Proposed Center line of PROW  District Boundary  Purmandal Forest  Jasrota Forest <td> CLIENT:  NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road, Transport & Highways) Government of India G - 5 & 6, Sector - 10,Dwarka, New Delhi - 110075 </td> <td> CONSULTANT:  The information contained herein is Confidential & Property of Feedback Infra Private Limited and not for Publication. The Inf ormation is Issued on the Understanding that no part thereof shall be Copied or Communicated to a Third Party without Authorization in Writing from Feedback Infra Private Limited </td> <td> Drawn by: D.J. </td> <td></td> <td> STATUS: </td> <td colspan="4"> DETAIL PROJECT REPORT </td>	CLIENT:  NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road, Transport & Highways) Government of India G - 5 & 6, Sector - 10,Dwarka, New Delhi - 110075	CONSULTANT:  The information contained herein is Confidential & Property of Feedback Infra Private Limited and not for Publication. The Inf ormation is Issued on the Understanding that no part thereof shall be Copied or Communicated to a Third Party without Authorization in Writing from Feedback Infra Private Limited	Drawn by: D.J.		STATUS:	DETAIL PROJECT REPORT			
								Designed by: K.P.		PROJECT:	Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway			
							Checked by: J.V.							
							Approved By: P.R.							
							SCALE 1 : 2,50,000	DATE 19.05.2021		TITLE:	Georeference Map (DGPS) (Samba & Kathua District)			
DATE	REV	DESCRIPTION OF REVISIONS	BY						DRG NO.:	FIPL-00001427/HW/SK/DGPS-01	REV.	SHEET 1-2		



Point	Latitude	Longitude
A1	32°34'28.06"N	74°59'41.63"E
A2	32°34'28.43"N	74°59'42.13"E
A3	32°34'25.34"N	74°59'45.64"E
A4	32°34'23.16"N	74°59'48.34"E
A5	32°34'21.66"N	74°59'50.99"E
A6	32°34'20.79"N	74°59'53.00"E
A7	32°34'20.46"N	74°59'52.59"E
A8	32°34'21.53"N	74°59'50.15"E
A9	32°34'23.28"N	74°59'47.29"E
A10	32°34'26.00"N	74°59'43.93"E
A11	32°34'28.00"N	74°59'43.94"E
A12	32°34'28.41"N	74°59'44.40"E
A13	32°34'26.25"N	74°59'46.86"E
A14	32°34'23.56"N	74°59'50.69"E
A15	32°34'21.17"N	74°59'55.94"E
A16	32°34'20.65"N	74°59'55.42"E
A17	32°34'22.34"N	74°59'51.47"E
A18	32°34'24.05"N	74°59'48.53"E
A19	32°34'26.62"N	74°59'45.50"E



Point	Latitude	Longitude
B1	32°30'2.57"N	75°13'55.47"E
B2	32°30'2.95"N	75°13'56.00"E
B3	32°30'2.87"N	75°13'56.13"E
B4	32°30'2.90"N	75°13'56.16"E
B5	32°30'2.68"N	75°13'56.81"E
B6	32°30'2.66"N	75°13'57.35"E
B7	32°30'3.26"N	75°13'58.15"E
B8	32°30'0.89"N	75°14'1.25"E
B9	32°30'0.17"N	75°14'0.71"E
B10	32°29'59.70"N	75°14'0.27"E
B11	32°30'0.33"N	75°13'59.22"E
B12	32°30'1.55"N	75°13'57.15"E

परियोजना निदेशक
Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

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Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway

CHECKLIST:11

CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that the forest area involved in Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway in the Union Territory of Jammu & Kashmir is unavoidable and barest minimum forest area i.e., **1.9891 ha** (0.6642 ha in Kathua Forest Division & 1.3249 ha in Samba Forest Division) proposed for diversion.

Date: 03-08-2021

Place: Jammu

(X P S) Jadon

Project Director

NHAI, PIU-Jammu

परियोजना निदेशक

Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

प/स
अ.स.न.स.

Divisional Forest Officer

Kathua Forest Division

KATHUA



GOVERNMENT OF JAMMU AND KASHMIR
OFFICE OF THE CONSERVATOR OF FORESTS EAST CIRCLE, JAMMU
FOREST COMPLEX, DOGRA HALL, JAMMU

Tel/fax: 0191-2544367
e-mail: cfeastcircle@gmail.com

Sub: Accord of Administrative Approval and Technical Sanction for CA Plan in respect of FCA Proposal No. FP/JK/ROAD/142566/2021 (Development of Package – 15 (KM 468+100 to KM 503+250) of Phase-II Delhi Katra Expressway).

ORDER

The work proposal for Compensatory Afforestation to be done in lieu of diversion of 0.6642 Ha of Forest land in Kathua Forest Division for **FCA proposal No: FP/JK/ROAD/142566/2021** to the tune of **Rs. 4.00/- lacs** prepared and submitted by the Divisional Forest Officer, Kathua Forest Division vide his No. KFD/Estt/2021-22/2082 dated 18.08.2021 is hereby approved/sanctioned as per the details given below:-

Proposal No.	Nomenclature of FCA Work	User agency	Location of Proposed Work	Area involved for Diversion	Area under C.A Plan	Financial Implications of the proposal (in Lakhs)	Canopy Density
FP/JK/Road/142566/2021	Development of Package – 15 (KM 468+100 to KM 503+250) of Phase-II Delhi Katra Expressway	NHAI	75/J	0.6642 Ha	2.00 Ha	Rs 4.00	0.4

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 Kathua Forest Division shall be the implementing agency by executing the CA Plan.

(Samuel Changkija, IFS)

Chief Conservator of Forests,
East Circle, Jammu.

Dated: 21 / 08 / 2021

No: 586-89/FCA/CFE/J

Copy to the:

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

Compensatory Afforestation Scheme

Full Title of the Forest land Diversion Project	Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway.		
File No.	FP/JK/ROAD/142566/2021		
Dated of Proposal:	07-04-2021		
Name of Forest Division (where Forest land is proposed to be diverted)	Kathua Forest Division		
Forest Area to be diverted in Hac.	0.6642		
Forest /Non Forest area to be planted	CA is proposed to be carried out on degraded Forest land		
No. of trees to be felled (which are coming in the alignment of the proposed project)	31		
No. of plants/poles coming in the alignment of the proposed project	576		
No. of plants to be planted in the CA scheme	1500		
Details of land where C.A. is to be carried out:			
Degraded Forest land Yes/No.	Yes	Area	2 hac.
Non-Forest land	NA	Area	NA
Forest Division	Kathua Forest Division	District	Kathua
Range	Jasrota	Tehsil	Hiranagar
Compartment No.	75/J	Kh. No. (For non Forest land)	NA
C.A. Site (Name of the location)	Kamad	C.A. area (in hac)	2
C.A. site Geo Coordinates:			
Start Point: Latitude	32°32'8.530"	Longitude	75°16'58.203"
Ending Point:Latitude	32°32' 7.879"	Longitude	75°17'0.275"
In case of non-Forest area identified for CA then what is distance of CA site from the adjoining Forest Boundary	NA		
1. Description of C.A. site			
a. Soil Type	The soil in general are young in age, shallow in depth and full of pebbles and boulders.		
b. Topography: Hilly/undulating/plain	Hilly		
c. Slope: Steep/medium/gentle	Medium		
d. For non Forest land-description of existing vegetation/root stock and density	NA		
e. In case of degraded Forest land-description of Forest type and crown density	Forest Type is Lower or Shiwalik Chir Pine Forests with average crown density of around 0.4. (40%) It is a part of Chir Rehabilitation Working Circle.		


Divisional Forest Officer
Kathua Forest Division, Kathua

II. Site specific CA plan

Shedule of plantation programme

S. No.	Description			Rate (in Rs)	Total Amount (in Rs)
A		Unit	No		
1	1st year cost of Afforestation (Nursery Raising & Pit Planting)	No	1500	40.03	0.60
2	2nd year Maintenance (BUC @ 25%)	No	375	40.03	0.15
3	3rd year Maintenance (BUC @ 15%)	No	225	40.03	0.09
4	4th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
5	5th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
6	6th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
7	7th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
8	8th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
9	9th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
10	10th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
	Total(A)				1.05
B	Other Afforestation Interventions (As per the requirement of the site condition)				
1	Patch sowing	No	500	6.99	0.03
2	Planting of grass Slips	No	500	6.35	0.03
	Total(B)				0.07
C	Fencing				
1	Square PCC Post Fencing (4 strand)	Rft.	600	72.78	0.44
2	Repair and renovation of fencing	Rft.	600	16.74	0.10
	Total ©				0.54
D	Site Preparation: (Removal of Cutting, Grabbing and Lantana)	Hac.	0.2	22904	0.05
E	Pruning and Tending of Existing Root Stocks	No.	600	6.35	0.04
	Total C.A charges(A to E)				1.74
F	Soil and Water Conservation and protection measures like construction of fire lines and inspection path				
i	Construction of WHS	No.	1	LS	0.90
ii	DRSM Work	Cum	108	1099	1.19
	Total(F)				2.09
	Total A+B+C+D+E+F				3.83
G	Overhead charges (10% of the C.A. Charges)				0.174
	Grand Total (A+B+C+D+E+F+G)				4.00


 Divisional Forest Officer
 Kathua Forest Division, Kathua

III. Technical Details: Technical details of Compensatory Afforestation scheme are as follows:

S. No.	Particulars	Remarks
1	General Details	A Shiwalik Chir Pine Forests patch of area 4 ha and canopy density of 0.4 (40%) falling in Chir Rehabilitation Working Circle has been selected to carry out the compensatory afforestation wherein it is proposed to plant 2000 no. of Chir pine alongwith associated indigenous Broad-leaved species.
2	Plantation Method	Aided Natural Regeneration of Chir pine alongwith associated indigenous Broad-leaved species along with patch sowing and grass slips.
3	Spacing	3 mtrs.
4	Species proposal to be planted	Chir Pine and different indigenous Broad-leaved species like <i>Melia azadarac</i> , <i>Butea monosperma</i> , <i>Bombax ceiba</i> , <i>Albizia spp.</i> <i>Sapindus mukurossi</i>
5	Silvicultural operation	500 No's of Patch Sowing, 500 No's Grass slips and Removal of Lanatana 0.20 hac
6	Soil & Moisture Conservation Works	108 cum DRSM work.
7	Protection (Fencing, W&W People's participation etc)	Square PCC Post fencing Fencing of the CA patch @ 600 rft and periodic repair thereof.
8	Proposed Monitoring Mechanism	Routine inspection and reporting thereof by the concerned beat guard and supervisory field staff as per the extant M&E mechanism of the department is proposed.
9	Any other information	


Divisional Forest Officer
Kathua Forest Division, Kathua

Georeference Map for CA Plan

GT Sheet No 43 P/6

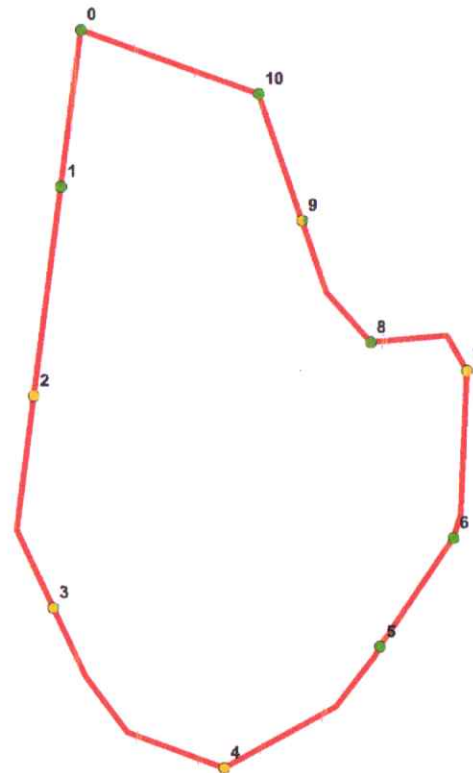
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CA Plan for Development of Package of Phase-II of Delhi-Katra Expressway 15/J

FID	Longitude	Latitude
0	75° 16' 58.203" E	32° 32' 8.530" N
1	75° 16' 57.957" E	32° 32' 6.976" N
2	75° 16' 57.629" E	32° 32' 4.908" N
3	75° 16' 57.834" E	32° 32' 2.808" N
4	75° 16' 59.816" E	32° 32' 1.210" N
5	75° 17' 1.646" E	32° 32' 2.396" N
6	75° 17' 2.514" E	32° 32' 3.468" N
7	75° 17' 2.687" E	32° 32' 5.124" N
8	75° 17' 1.563" E	32° 32' 5.410" N
9	75° 17' 0.770" E	32° 32' 6.621" N
10	75° 17' 0.275" E	32° 32' 7.879" N

GPS Coordinates
CA Polygon

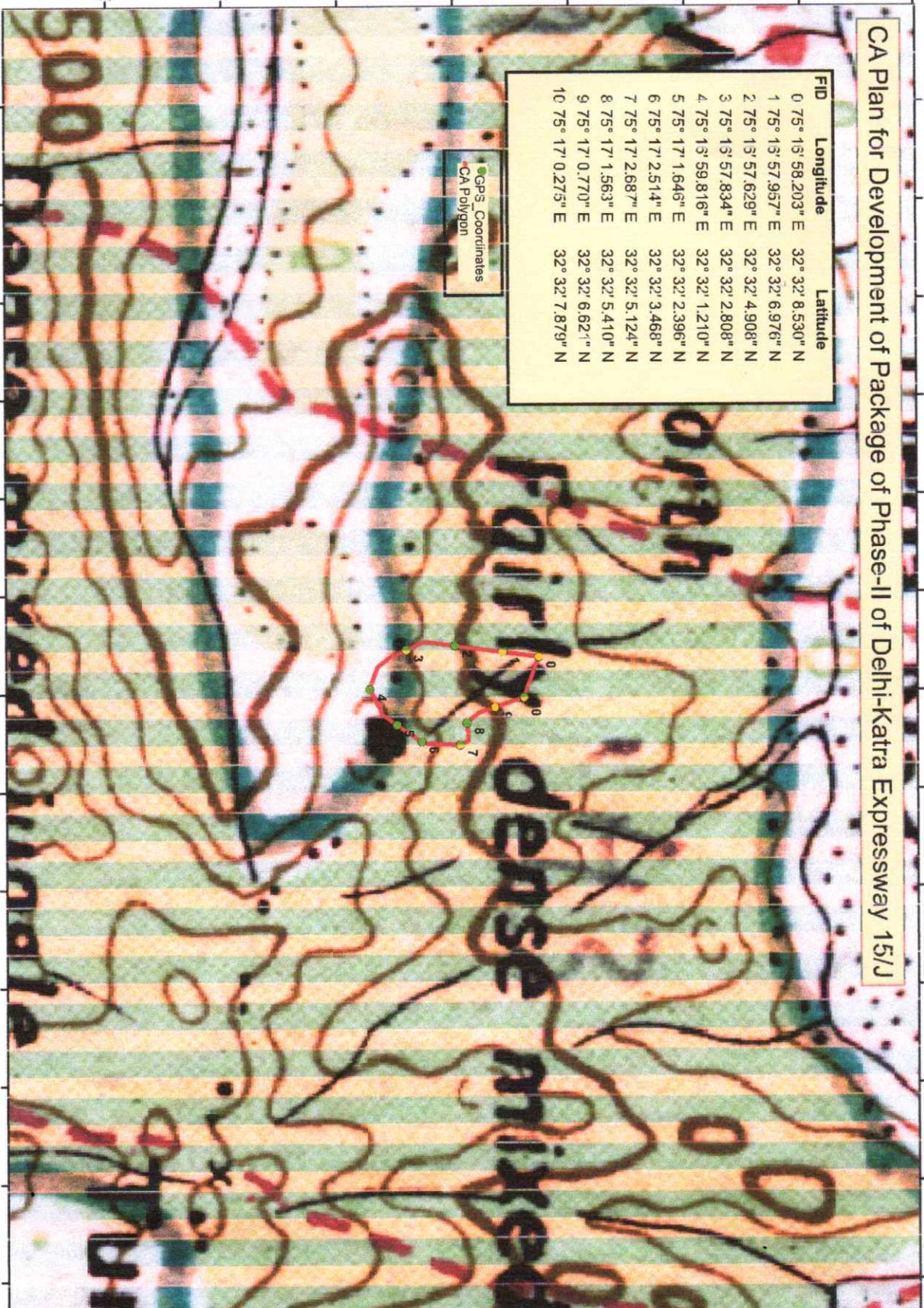




CA Plan for Development of Package of Phase-II of Delhi-Katra Expressway 15/J

FID	Longitude	Latitude
0	75° 15' 58.203" E	32° 32' 8.530" N
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GPS Coordinates
CA Polygon



32°32'25"N
32°32'20"N
32°32'15"N
32°32'10"N
32°32'5"N
32°32'0"N
32°31'55"N
32°31'50"N

32°32'20"N
32°32'15"N
32°32'10"N
32°32'5"N
32°32'0"N
32°31'55"N
32°31'50"N

75°16'30"E 75°16'35"E 75°16'40"E 75°16'45"E 75°16'50"E 75°16'55"E 75°17'0"E 75°17'5"E 75°17'10"E 75°17'15"E 75°17'20"E 75°17'25"E 75°17'30"E

Co.75/J

Write a description for your map.

Legend

- Feature 1
- Feature 2
- Polyline

Google Earth

Image © 2021 Maxar Technologies

100 m



Govt. of Jammu and Kashmir
Office of the
Divisional Forest Officer
Kathua Forest Division Kathua

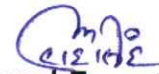
Address: Forest Complex College Road Kathua

Ph / Fax No. 01922-234770

Email Id : dfokathua@gmail.com & dfokathua.for-jk@nic.in

Certificate for suitability of area for Compensatory Afforestation

The area for compensatory afforestation with respect to the forest land proposed for diversion under Forest Conservation Act, 1980 in Forest Bein Closure of Jasrota Range in Kathua Forest Division, Jammu & Kashmir with respect to the proposed Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway by National Highway Authority Of India Proposal No. FP/JK/ROAD/142566/2021 has been selected in 01 (One) patch of degraded Forest area within Kathua Forest Division falling in Forest Compartment No. 75/J of Jasrota Forest Range. The selected patch for carrying out compensatory afforestation is degraded Forest area with canopy density less than 0.4. (40%). In order to reduce the biotic pressure as well as to improve the biodiversity alongwith Forest cover, the said patch is proposed for compensatory afforestation through aided-natural regeneration (ANR) and allied activities with plantation of suitable Chir Pine and different indigenous local broad leaf species in line with the prescriptions laid down in the Working Plan of Kathua Forest Division for the period 2017-18 to 2026-27.

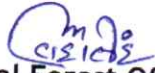


Divisional Forest Officer
Kathua Forest Division, Kathua



Net Present Value (NPV) of Forest Land proposed for diversion under the Forest Conservation Act, 1980 in Kathua Forest Division, Jammu and Kashmir proposed Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway.

1	Name of the project:	Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway.			
2	Name of the Division	Kathua Forest Division			
3	Proposal No.	FP/JK/ROAD/142566/2021			
4	Number of Forest Compartment involved	1 No.			
5	Name of Forest Compartment involved	Bein Forest Closure			
6	Area of Forest land proposed for diversion:	0.6642 hac.			
7	Ecological Class & Density Class of Forest land proposed for diversion	Eco Class	Forest Type	Density Class (Density)	NPV Rates (Rs / ha)
		III	Tropical Dry Deciduous Forests"	DF (0.4 to 0.7) (40 % to 70 %)	8,03,000.00
8	Rate of NPV of the Forest land to be diverted	(Vide Notification-F. No. 5-3/2007-FC Dated: 05/02/2009 of the Ministry of Environment, Forest & Climate Change)			
9	Total amount of NPV:	Eco Class	NPV rates (Rs/hac)	Forest Land proposed for diversion (Ha)	Total Amount of NPV payable by uaser agency (Rs)
		III	803000	0.6642	5,33,352.60


 Divisional Forest Officer,
 Kathua Forest Division, Kathua

Cost Abstract of timber/firewood extraction from trees coming in Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway Proposal No. FP/JK/ROAD/142566/2021 .w.r.t. Kathua Forest Division

S. No.	Item of Work	Qty.	Rate (In Rs)	Unit	Amount (In Rupees)	Remarks
1	Enumeration of tree, poles etc.	792	5.4			
2	Marking of trees , poles etc.	792	9.75	Per No.	4,277	
3	For extraction of firewood and allied activities of BL spp. pole & saplings				7,722	
a	Felling of trees, hand sawing/conversion and its splitting making fit for head load carriage/stocking upto loading point road side	789	105.57	Per qtl	83,295	
b	Weightage, loading, unloading, Depot handling and other misc.	789	21.42	Per qtl	16,900	
Sub Total (3)					1,00,195	
4	Felling of 0 chir trees having timber value having 0 cft volume					
a	Firewood extraction @ 65% of total volume which include felling of trees, hand sawing, conversion and its splitting making fit for head load carriage/stocking upto loading point road side.	0	105.57	Per qtl	-	
b	Weightage, loading, unloading, depot handling, other misc. charges	0	21.42	Per qtl	-	
Sub Total (4a & 4b)					-	
c	Out turn from felling for sawn timber @ 35% of total volume of Chir trees having timber value	0	3.21	Per cft	-	
d	Hand sawing under / odd sizes 25% of total volume	0	46.24	Per cft	-	
e	Hand sawing of standard sizes 10% of total volume	0	52.85	Per cft	-	
f	Off road transportation in forest through head load (d+e)	0	0.62	Paisa per cft per chain for 15 chain	-	
g	Pacca road transportation for 90 km average lead	0	0.22	Paisa per cft per km with 15% contractor profit	-	
h	Nikassi	0	0.94	Per cft	-	
i	Stacking	0	0.88	Per cft	-	
Sub Total (4c to 4i)					-	
5	Mechanical transportation of firewood for 90 km average lead	789	Rs 1.90/- per qtls per km upto 40 kms		59,964	
6	Watch & ward for 2 labour for 1 month	2	6750	Per month	13,500	
Cost Amount in Rs (1 to 7)					1,85,658	
Misc. & OH Charges @ LS					14,342	
Total Amount in Rupees payable by UA in Rs					2,00,000	

The estimate is prepared as per Govt. rate of 2016-17.


 Divisional Forest Officer
 Kathua Forest Division
 KATHUA

Cost / Abstract of extraction of Fencing (G.I. Wire 7 strand / Sqaure PCC Post) coming under alginment of proposed Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway. Proposal No. FP/JK/ROAD/142566/2021 w.r.t. Kathua Forest Division

S. No.	Item of Work	Unit	Qty.	Rate (In Rs)	Amount (In Rupees)	Remarks
1	G. I. Barbed Wire 7 (5+2) strands fencing and every Pole in cement concrete Block 1'x1'x1'x1.6"	Kgs	273	23.70	6,470	As per J&K PWD Schedule rates
2	Mechanical carriage of extracted 230 Sqaure PCC Post and 690 qtls of G.I. Barbed wire from extraction site to Range Office, Jasrota in safe custody lead varying 30 kms approx. (in Two Tractor Trolley trips)		78 Sqaure PCC Post and 620 qtls of G.I. Barbed wire	LS	8000	
Total					14,470	


 Divisional Forest Officer
 Kathua Forest Division
 KATHUA.

Cost Abstract w. r. t. the proposed Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway Proposal No. FP/JK/ROAD/142566/2021 w.e.t. Kathua Forest Division

S. No.	Item	Amount (Rs)	Remarks
1	Net Present Value (NPV)	5,33,352.60	0.6642 Hac. Forest land proposed for diversion in Eco Class III of Moderately forest (0.4 to 0.7 canopy density)
2	Compenstary Afforestation Scheme	4,00,000.00	On 2 hac. of degraded Forest land with canopy density less than 0.4 (40%)
3	Cost of marking, felling, extraction of timber/firewood	2,00,000.00	For trees/poles etc. coming under the proposed project
4	Cost opf extraction of Sqaure PCC Post and G.I. Barbed wire	14,470.00	For 78 Sqaure PCC Post and 273 qtls of G.I. Barbed wire
Total		11,47,822.60	
(Eleven Lac Fourty Seven Thousand Eight hundred and Twnety Two only)			


 Divisional Forest Officer,
 Kathua Forest Division, Kathua

CHECKLIST:12

**UNDERTAKING FOR PAYMENT OF COST OF COMPENSATORY
AFFORESTATION**

I, Y P S Jadon, Project Director, NHAI, PIU-Jammu, do hereby undertake on behalf of NHAI to pay the entire amount of Compensatory Afforestation in lieu of the 1.9891 ha of Forest land (0.6642 ha in Kathua Forest Division and 1.3249 ha in Samba Forest Division) being diverted for Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway in the Union Territory of Jammu & Kashmir as per prevailing wage rates at the time of plantation.

Date:

Place: Jammu


(Y P S Jadon)

Project Director

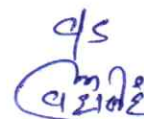
NHAI, PIU-Jammu

परियोजना निदेशक

Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू

National Highway Authority of India PIU, Jammu



Divisional Forest Officer

Kathua Forest Division

KATHUA,

CHECKLIST: 13

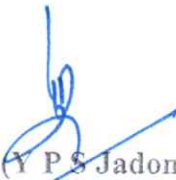
UNDERTAKING FOR PAYMENT OF NET PRESENT VALUE (NPV)
OF FOREST AREA

It is certified that I, **Y P S Jadon**, Project Director, NHAI, PIU-Jammu, do hereby undertake on behalf of NHAI that we have applied for diversion of **1.9891 ha** of forest land (0.6642 ha in Kathua Forest Division and 1.3249 ha in Samba Forest Division) for Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway.

I / We, hereby undertake to pay the amount of Net Present Value (NPV) of the above forest land and other cost if any, as decided by the State Government. In case of revision of rates, the difference amount will also be paid by the user agency.

Date:

Place: Jammu


(Y P S Jadon)

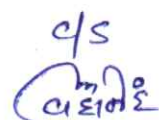
Project Director

NHAI, PIU-Jammu

परियोजना निदेशक

Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu


Divisional Forest Officer
Kathua Forest Division
KATHUA

CHECKLIST: 24

**UNDERTAKING FOR ADDITIONAL AMOUNT OF NET PRESENT
VALUE (NPV) OF FOREST AREA**

It is certified that I, **Y P S Jadon, Project Director, NHAI, PIU-Jammu**, do hereby undertake on behalf of NHAI that we have applied for diversion of **1.9891 ha** of forest land (0.6642 ha in Kathua Forest Division and 1.3249 ha in Samba Forest Division) for Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway.

I / We, hereby undertake to pay the amount of Net Present Value (NPV) of the above forest land and other cost if any, as decided by the State Government or as per decision of Hon'ble Supreme Court of India. In case of revision of rates, the difference amount will also be paid by the user agency.

Date:

Place: Jammu

(Y P S Jadon)

Project Director

NHAI, PIU-Jammu

परियोजना निदेशक

Project Director

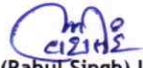
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

९९
८११११
Divisional Forest Officer
Kathua Forest Division
KATHUA

SITE INSPECTION REPORT w.r.t. FCA connectivity

S. No.	Items	Observation and Remarks			
1	Name of the Project and location (Range, Round, Beat)	Diversion of 0.6642 ha. of forest land for non forestry purposes under FCA, 1980 in Jasrota Range of Kathua Forest Division in respect of proposed Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway by National Highway Authority of India			
2	Name of User Agency	National Highway Authority of India			
3	Date of Site Inspection	27-07-2021			
4	Extent (ha) and legal status of Forest land proposed for diversion	0.6642 hac.			
5	a) Details of Forest land proposed for diversion and activity wise breakup of forest land.	The Forest Land proposed for diversion falls in the category of "Reserved Forest"			
		Name of Range	Items of work/purpose	Forest Land Required	
				Compartment No.	Area Ha.
		Jasrota	Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway by National Highway Authority of India	Bein Closure	0.6642
	b) Density and Eco- value class	Density - 0.4 to 0.7 and Eco-Class - III.			
6	Whether the requirement of forest land as proposed by the User Agency in col. 2 of part - I is unavoidable and barest minimum for the project. If no, recommended area item - wise details of alternative examined.	Yes			
7	Whether the proposal involves any construction of building (including residential) or not? If yes details thereof.	No			
8	a) Whether forest area proposed for diversion is important from wildlife point of view or not.	Not very important in absence of records of rare, endangered, threatened species.			
	b) Detail of any rare or endangered or unique speices of flora and funa in proposed forest land. If so, the details thereof.	NA			
	c) Arial distance from nearest boundary of any portected Area (Km)	13.47 km from Jasrota Wild Life Sanctuary			
	d) Remarks about sensitivity of the forest area likely to be affected due to project.	Moderately sensitive			
	e) Whether wildlife mitigation plan is required ? If yes, reasons thereof.	Pertains to Wildlife Division			
9	Details of vegetation:	Proposed Forest Area identified for diversion falls under Forest Types - Group 5 "Tropical Dry Deciduous Forests" as per Champion & Seth's Classification of India's Forests			
	a) Total number of trees to be felled	792			
	b) Number of trees to be felled of girth below 60cm	788			
	c) Number of trees to be felled of girth above 60cm	4			

10	Back ground note on the proposal (Short Summary)	The project for Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway by National Highway Authority of India has been sanctioned under N/01004/01019/Jk. The projects starts at Km. 468.100 at Village Gurha Baildaran of Hiranagar Tehsil in Kathua District and end at Km 503.250 at Village Bagla of Vijaypur Tehsil in Samba District. The proposed project will improve connectivity from Delhi to Katra. The development will also improve the connectivity between U.T. of Jammu and Kashmir with the major cities iof Punjab State, Haryana State ad the National Capital Territory of Delhi.
11	Whether the proposal involves any violation of Forest Conservation Act, 1980? If yes, a details report of violation including action taken against the concerned officials to be attached.	No
12	Whether the proposal involves rehabilitation of displaced person. If yes, whether rehabilitation plan has been approved by the State Government?	No
13	Details of catchment and cultivable command area under the project (if applicable)	NA
	Status of catchment area treatment plan to prevent silation of reservior (if applicable)	NA
14	Utility of the Project	The project for Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway by National Highway Authority of India has been sanctioned under N/01004/01019/Jk. The projects starts at Km. 468.100 at Village Gurha Baildaran of Hiranagar Tehsil in Kathua District and end at Km 503.250 at Village Bagla of Vijaypur Tehsil in Samba District. The proposed project will improve connectivity from Delhi to Katra. The development will also improve the connectivity between U.T. of Jammu and Kashmir with the major cities iof Punjab State, Haryana State ad the National Capital Territory of Delhi.
15	Whether land being diverted has any socio- cultural / religious values? Whether any scared groves or very old growth trees / forests exist in the areas proposed for diversion.	No
16	Any other important information related to project (Separate note may be attached, if required)	No
17	Details of documents and photographs enclosed:	Attached
18	Recommendation of the Inspecting officer (DCF)	Recommended for grant of Stage-I or In-Principle Approval


(Rahul Singh) IFS

Divisional Forest Officer
Kathua Forest Division, Kathua

Place: Kathua

Date: 03-08-2021


परियोजना निदेशक
Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
NATIONAL HIGHWAYS AUTHORITY OF INDIA

सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार
Ministry of Road Transport & Highways, Govt. of India

परियोजना कार्यान्वयन इकाई

315/1, द्वितीय तल, छन्नी हिम्मत, जम्मू-180015 जम्मू एवं कश्मीर

Project Implementation Unit

315/1, Channi Himmat, Jammu-180015, Jammu & Kashmir

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BHARATMALA
ROAD TO PROSPERITY

Ref: PD/JMU/DKE/2021-22/ 1715

Dated: 28.06.2021

TO WHOM SO EVER IT MAY CONCERN

Sub: Development of Delhi-Amritsar-Katra Expressway (Phase-II Pkg-XV) [Junction with Hiranagar Road near village Gurha Baildaran to Junction with Jammu Ring Road (NH-244A) near Jakh village from Km 468+100 to Km 503+250].

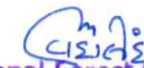
Proposal No: FP/JK/ROAD/142566/2021

It is certified that the excavated material obtained from the construction of above mention work shall be used in refilling of the road work as such no dumping site in the forest land is required.


(Y P S Jadhav)
Project Director
NHAI, PIU-Jammu



c/s


Divisional Forest Officer
Kathua Forest Division
KATHUA

RECOMMENDATION OF THE DIVISIONAL FOREST OFFICER, KATHUA FOREST DIVISION

The proposed project envisages proposed Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway by National Highway Authority of India in Kathua Forest Division Proposal No. FP/JK/ROAD/142566/2021. The forest area proposed for diversion is 0.6642 ha falling in Bein Closure of Lower Hiranagar Forest Block, Jasrota Range. The project in the present instant is being executed by National Highway Authority of India. It has been sanctioned under N/01004/01019/Jk. The projects starts at Km. 468.100 at Village Gurha Baildaran of Hiranagar Tehsil in Kathua District and end at Km 503.250 at Village Bagla of Vijaypur Tehsil in Samba District. The proposed project will improve connectivity from Delhi to Katra. The development will also improve the connectivity between U.T. of Jammu and Kashmir with the major cities of Punjab State, Haryana State and the National Capital Territory of Delhi.

Therefore, in view of the envisaged benefits of the project for the local population it is recommended that the Project may be granted the Stage-I or In-principle approval.

Place: Kathua

Dated: 03-08-2024


(Rahul Singh) IFS
Divisional Forest Officer
Kathua Forest Division Kathua

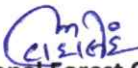
CHECKLIST

Name of the Proposal- Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway

Division – Forest Division Kathua

User Agency- NHAI (PIU Jammu)

Sl. No.	Particulars	Documents Enclosed (Yes/No)
1	Register online through the portal “parivesh.nic.in”	Yes
2	Fill the Form-A Part-1 (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 coloured 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 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:	
	i) Brief Project Note(covering main features of the proposal, particularly, its implication on environment /forest and mitigation measure 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


User Agency
परियोजना निदेशक
Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu