

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

CHECK LIST (DFO)

Name of the Proposal : Development of Package – 15 (KM 468+ 100 to KM 503+ 250) of phase –II of Delhi – Katra Expressway by National Highway Authority of India

Division: Samba Forest Division

S.No.	Particulars	Document enclosed (Yes/No)
1	Fill the Form - A	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
	(ii) Calculation of area (length and width) of forest land involved	Yes
	(iii) Layout plan	Yes
3	Certificate that all alternative 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)	Yes
	a) C.A	Yes
	b) the Net Present Value	Yes
	c) Additional Net Present Value (NPV) if any,	Yes
10	All proposal 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.	Yes
11	Site inspection report of DFO as per the format (attached)	Yes
12	Muck disposal plan	NIL
13	Specific recommendation of DFO	Yes
14	Recommendation of concerned Conservator of Forests	
15	Violation report, if any	NO

Divisional Forest Officer
Samba Forest Division
Samba

Project Director
National Highway Authority of India PIU,
Jammu

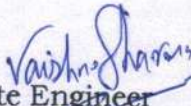
परियोजना निदेशक
Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Joint Inspection Report

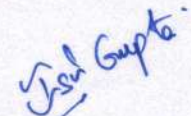
Today on dated 07-07-2021 , the Divisional Forest Officer, Deputy Manager-Technical and Site Engineer of National Highway Authority of India PIU, Jammu, Range Forest Officer, Block Forest Officer concerned have conducted the joint inspection of the road namely Development of Package - 15 (KM 468+100 to KM 503 + 250) of Phase - II of Dehli - Katra Expressway. The detail is as under:-

- (i) Total length of road = 35.150 Km (Package - 15)
- (ii) Forest Area = 1.3249 Ha. (Samba Forest Division)
- (iii) GPS Co- ordinates = N 32° 34' 28.06" E 74° 59' 41.63"
- (iv) Track of road enclosed

Hence the inspection note prepared on spot.

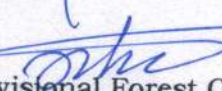

Site Engineer
N H A I, PIU- Jammu


Block Forest Officer Purmandal


Deputy Manager- Technical
N H A I, PIU- Jammu


Range Forest Officer Purmandal


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


Divisional Forest Officer Samba
Forest Division Samba

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 lies in Aik Closure and Aik Depot of Purmandal Forest Range.

S.No.	Name of species	Class	Girth	Dia (cm)	Dia Class (cm)	Dia-Class(cm)	Remarks
1	Kiker	B	36	29.10626	20-30	0-30	Green
2	Kiker	B	23	18.59566	10-20	0-30	Green
3	Kiker	B	22	17.78716	10-20	0-30	Green
4	Sareen	B	41	33.14879	30-40	31-60	Green
5	Sisso	A	20	16.17014	10-20	0-30	Green
6	Khair	A	25	20.21268	20-30	0-30	Green
7	Sisoo	A	26	21.02118	20-30	0-30	Green
8	Kiker	B	25	20.21268	20-30	0-30	Green
9	Kiker	B	22	17.78716	10-20	0-30	Green
10	Kiker	B	34	27.48924	20-30	0-30	Green
11	Sisso	A	27	21.82969	20-30	0-30	Green
12	Kiker	B	43	34.76581	30-40	31-60	Green
13	Kiker	B	31	25.06372	20-30	0-30	Green
14	Kiker	B	28	22.6382	20-30	0-30	Green
15	Kiker	B	26	21.02118	20-30	0-30	Green
16	Kiker	B	32	25.87223	20-30	0-30	Green
17	Kiker	B	28	22.6382	20-30	0-30	Green
18	Kiker	B	56	45.2764	40-50	31-60	Green
19	Lucenia	C	12	9.702085	0-10	0-30	Green
20	Sareen	B	14	11.3191	10-20	0-30	Green
21	Kiker	B	53	42.85088	40-50	31-60	Green
22	Safeda	C	27	21.82969	20-30	0-30	Green
23	Safeda	C	20	16.17014	10-20	0-30	Green
24	Sareen	B	27	21.82969	20-30	0-30	Green
25	Sareen	B	22	17.78716	10-20	0-30	Green
26	Sareen	B	9	7.276564	0-10	0-30	Green
27	Sisso	A	24	19.40417	10-20	0-30	Green
28	Lucenia	C	14	11.3191	10-20	0-30	Green
29	Sareen	B	26	21.02118	20-30	0-30	Green
30	Sareen	B	21	16.97865	10-20	0-30	Green
31	Sareen	B	21	16.97865	10-20	0-30	Green
32	Kikar	B	40	32.34028	30-40	31-60	Green
33	Sareen	B	18	14.55313	10-20	0-30	Green
34	Sareen	B	28	22.6382	20-30	0-30	Green
35	Kikar	B	37	29.91476	20-30	0-30	Green
36	Sareen	B	31	25.06372	20-30	0-30	Green
37	Kikar	B	55	44.46789	40-50	31-60	Green
38	Khair	B	18	14.55313	10-20	0-30	Green
39	Farlie	C	17	13.74462	10-20	0-30	Green

परियोजना निदेशक
राष्ट्रीय राजमार्ग प्रधिकरण, परियोजना इकाई
National Highway Authority of India PIU, J

[Signature]

I/c Aik Closure/Depot
Range Forest Officer,
Forest Range Purmandal

I/c Beat Guard
Yash

I/c Forest Officer
Forest Range Purmandal

[Signature]
Vaisho Sharma

40	Sisso	A	15	12.12761	10-20	0-30	Green
41	Sisso	A	20	16.17014	10-20	0-30	Green
42	Kikar	B	22	17.78716	10-20	0-30	Green
43	Safeda	C	28	22.6382	20-30	0-30	Green
44	Kikar	B	50	40.42536	40-50	31-60	Green
45	Kikar	B	13	10.51059	10-20	0-30	Green
46	Kikar	B	22	17.78716	10-20	0-30	Green
47	Kikar	B	12	9.702085	0-10	0-30	Green
48	Sisso	A	16	12.93611	10-20	0-30	Green
49	Sisso	A	15	12.12761	10-20	0-30	Green
50	Safeda	C	35	28.29775	20-30	0-30	Green
51	Lucenia	C	51	41.23386	40-50	31-60	Green
52	Sisso	A	18	14.55313	10-20	0-30	Green
53	Sisso	A	12	9.702085	0-10	0-30	Green
54	Sisso	A	26	21.02118	20-30	0-30	Green
55	Lucenia	C	13	10.51059	10-20	0-30	Green
56	Kikar	B	45	36.38282	30-40	31-60	Green
57	kikar	B	26	21.02118	20-30	0-30	Green
58	Sisso	A	22	17.78716	10-20	0-30	Green
59	Sareen	B	13	10.51059	10-20	0-30	Green
60	Sisso	A	18	14.55313	10-20	0-30	Green
61	Sisso	A	13	10.51059	10-20	0-30	Green
62	Sisso	A	12	9.702085	0-10	0-30	Green
63	Sareen	B	22	17.78716	10-20	0-30	Green
64	Kiker	B	44	35.57431	30-40	31-60	Green
65	Kiker	B	33	26.68073	20-30	0-30	Green
66	Kiker	B	22	17.78716	10-20	0-30	Green
67	Kiker	B	49	39.61685	30-40	31-60	Green
68	Lucenia	C	19	15.36164	10-20	0-30	Green
69	Sisoo	A	17	13.74462	10-20	0-30	Green
70	Lucenia	C	14	11.3191	10-20	0-30	Green
71	Kiker	B	36	29.10626	20-30	0-30	Green
72	Kiker	B	36	29.10626	20-30	0-30	Green
73	Safeda	C	11	8.893578	0-10	0-30	Green
74	safeda	C	10	8.085071	0-10	0-30	Green
75	safeda	C	11	8.893578	0-10	0-30	Green
76	safeda	C	11	8.893578	0-10	0-30	Green
77	Sareen	B	16	12.93611	10-20	0-30	Green
78	Sisso	A	22	17.78716	10-20	0-30	Green
79	Lucenia	C	11	8.893578	0-10	0-30	Green
80	Sisso	A	26	21.02118	20-30	0-30	Green
81	Sisso	A	24	19.40417	10-20	0-30	Green
82	Sisso	A	28	22.6382	20-30	0-30	Green
83	Sisso	A	26	21.02118	20-30	0-30	Green
84	Lucenia	C	21	16.97865	10-20	0-30	Green

परियोजना निदेशक
Project Director

राष्ट्रीय राजमार्ग प्राधिकरण, परियोजना इकाई
National Highway Authority of India PIU.

Vaishu

Dr. A. K. Joshi
H/c A/c closure/Depot

Kali Dars
H/c Beat Guard
Gaach

Arvind Singh
Forest Officer, Forest Range Purmandal

85	Lucenia	C	12	9.702085	0-10	0-30	Green
86	Safeda	C	20	16.17014	10-20	0-30	Green
87	Lucenia	C	27	21.82969	20-30	0-30	Green
88	Lucenia	C	21	16.97865	10-20	0-30	Green
89	Lucenia	C	27	21.82969	20-30	0-30	Green
90	Safeda	C	60	48.51043	40-50	31-60	Green
91	Lucenia	C	13	10.51059	10-20	0-30	Green
92	Khair	A	12	9.702085	0-10	0-30	Green
93	Safeda	C	18	14.55313	10-20	0-30	Green
94	Safeda	C	72	58.21251	50-60	31-60	Green
95	Lucenia	C	22	17.78716	10-20	0-30	Green
96	Safeda	C	56	45.2764	40-50	31-60	Green
97	Lucenia	C	17	13.74462	10-20	0-30	Green
98	Safeda	C	24	19.40417	10-20	0-30	Green
99	Lucenia	C	30	24.25521	20-30	0-30	Green
100	Lucenia	C	30	24.25521	20-30	0-30	Green
101	Lucenia	C	29	23.44671	20-30	0-30	Green
102	Lucenia	C	38	30.72327	30-40	31-60	Green
103	Lucenia	C	20	16.17014	10-20	0-30	Green
104	Safeda	C	25	20.21268	20-30	0-30	Green
105	Sisso	A	28	22.6382	20-30	0-30	Green
106	Lucenia	C	30	24.25521	20-30	0-30	Green
107	Lucenia	C	28	22.6382	20-30	0-30	Green
108	Sisso	A	38	30.72327	30-40	31-60	Green
109	Sisso	A	58	46.89341	40-50	31-60	Green
110	Sisso	A	31	25.06372	20-30	0-30	Green
111	safeda	C	66	53.36147	50-60	31-60	Green
112	safeda	C	65	52.55296	50-60	31-60	Green
113	safeda	C	60	48.51043	40-50	31-60	Green
114	Sisso	A	41	33.14879	30-40	31-60	Green
115	Sareen	B	76	61.44654	60-70	61-90	Green
116	Sisso	A	39	31.53178	30-40	31-60	Green
117	Lucenia	C	36	29.10626	20-30	0-30	Green
118	Lucenia	C	16	12.93611	10-20	0-30	Green
119	Lucenia	C	16	12.93611	10-20	0-30	Green
120	Lucenia	C	11	8.893578	0-10	0-30	Green
121	Lucenia	C	33	26.68073	20-30	0-30	Green
122	Lucenia	C	31	25.06372	20-30	0-30	Green
123	Lucenia	C	17	13.74462	10-20	0-30	Green
124	Lucenia	C	22	17.78716	10-20	0-30	Green
125	Lucenia	C	28	22.6382	20-30	0-30	Green
126	Lucenia	C	27	21.82969	20-30	0-30	Green
127	Lucenia	C	18	14.55313	10-20	0-30	Green
128	Lucenia	C	22	17.78716	10-20	0-30	Green
129	Khair	C	23	18.59566	10-20	0-30	Green

प्रियोजना निर्देशिका
Project Director
प्रियोजना प्रधिकरण, प्रियोजना इकाई ज
National Highway Authority of India PIU, Jam
Vaishu Sharma

Shha
Hc Aik closure/Depot

Kali Dass
Hc Beat Guard
Gareh

Approved
Range Forest Officer,
Forest Range Purmandal

130	Lucenia	C	18	14.55313	10-20	0-30	Green
131	Lucenia	C	18	14.55313	10-20	0-30	Green
132	Lucenia	C	13	10.51059	10-20	0-30	Green
133	Lucenia	C	17	13.74462	10-20	0-30	Green
134	Lucenia	C	22	17.78716	10-20	0-30	Green
135	Lucenia	C	12	9.702085	0-10	0-30	Green
136	Lucenia	C	11	8.893578	0-10	0-30	Green
137	Lucenia	C	18	14.55313	10-20	0-30	Green
138	Lucenia	C	21	16.97865	10-20	0-30	Green
139	Lucenia	C	17	13.74462	10-20	0-30	Green
140	Lucenia	C	27	21.82969	20-30	0-30	Green
141	Lucenia	C	11	8.893578	0-10	0-30	Green
142	Lucenia	C	26	21.02118	20-30	0-30	Green
143	Lucenia	C	14	11.3191	10-20	0-30	Green
144	Lucenia	C	28	22.6382	20-30	0-30	Green
145	Lucenia	C	33	26.68073	20-30	0-30	Green
146	Lucenia	C	19	15.36164	10-20	0-30	Green
147	Lucenia	C	12	9.702085	0-10	0-30	Green
148	Lucenia	C	14	11.3191	10-20	0-30	Green
149	Lucenia	C	10	8.085071	0-10	0-30	Green
150	Lucenia	C	12	9.702085	0-10	0-30	Green
151	Lucenia	C	17	13.74462	10-20	0-30	Green
152	Lucenia	C	12	9.702085	0-10	0-30	Green
153	Lucenia	C	12	9.702085	0-10	0-30	Green
154	Lucenia	C	26	21.02118	20-30	0-30	Green
155	Lucenia	C	17	13.74462	10-20	0-30	Green
156	Lucenia	C	10	8.085071	0-10	0-30	Green
157	Lucenia	C	20	16.17014	10-20	0-30	Green
158	Lucenia	C	20	16.17014	10-20	0-30	Green
159	Lucenia	C	22	17.78716	10-20	0-30	Green
160	Lucenia	C	10	8.085071	0-10	0-30	Green
161	Lucenia	C	15	12.12761	10-20	0-30	Green
162	Lucenia	C	33	26.68073	20-30	0-30	Green
163	Lucenia	C	21	16.97865	10-20	0-30	Green
164	Sisso	C	24	19.40417	10-20	0-30	Green
165	Lucenia	C	10	8.085071	0-10	0-30	Green
166	Lucenia	C	13	10.51059	10-20	0-30	Green
167	Lucenia	C	15	12.12761	10-20	0-30	Green
168	Klker	B	24	19.40417	10-20	0-30	Green
169	Lucenia	C	24	19.40417	10-20	0-30	Green
170	Lucenia	C	13	10.51059	10-20	0-30	Green
171	Lucenia	C	14	11.3191	10-20	0-30	Green
172	Lucenia	C	33	26.68073	20-30	0-30	Green
173	Arjuna	A	24	19.40417	10-20	0-30	Green
174	Arjuna	A	32	25.87223	20-30	0-30	Green

परियोजना प्रधिकरण, परियोजना इकाई :
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, परियोजना इकाई :
 National Highway Authority of India PIU, Jar
 Vaish Sharm

Deha
 Hc Aik closure/Depot

Harish Dass
 Hc Beat Guard
 Garch

Attested
 Forest Officer,
 Forest Range Purmandal

175	Arjuna	A	24	19.40417	10-20	0-30	Green
176	Arjuna	A	20	16.17014	10-20	0-30	Green
177	Arjuna	A	22	17.78716	10-20	0-30	Green
178	Arjuna	A	37	29.91476	20-30	0-30	Green
179	Arjuna	A	25	20.21268	20-30	0-30	Green
180	Arjuna	A	13	10.51059	10-20	0-30	Green
181	Arjuna	A	27	21.82969	20-30	0-30	Green
182	Arjuna	A	17	13.74462	10-20	0-30	Green
183	Arjuna	A	34	27.48924	20-30	0-30	Green
184	Arjuna	A	28	22.6382	20-30	0-30	Green
185	Lucenia	C	18	14.55313	10-20	0-30	Green
186	Lucenia	C	58	46.89341	40-50	31-60	Green
187	Lucenia	C	10	8.085071	0-10	0-30	Green
188	Lucenia	C	11	8.893578	0-10	0-30	Green
189	Lucenia	C	24	19.40417	10-20	0-30	Green
190	Lucenia	C	25	20.21268	20-30	0-30	Green
191	Lucenia	C	23	18.59566	10-20	0-30	Green
192	Lucenia	C	12	9.702085	0-10	0-30	Green
193	Lucenia	C	24	19.40417	10-20	0-30	Green
194	Lucenia	C	20	16.17014	10-20	0-30	Green
195	Lucenia	C	13	10.51059	10-20	0-30	Green
196	Lucenia	C	27	21.82969	20-30	0-30	Green
197	Lucenia	C	17	13.74462	10-20	0-30	Green
198	Lucenia	C	23	18.59566	10-20	0-30	Green
199	Lucenia	C	11	8.893578	0-10	0-30	Green
200	Lucenia	C	13	10.51059	10-20	0-30	Green
201	Lucenia	C	26	21.02118	20-30	0-30	Green
202	Lucenia	C	31	25.06372	20-30	0-30	Green
203	Lucenia	C	27	21.82969	20-30	0-30	Green
204	Lucenia	C	29	23.44671	20-30	0-30	Green
205	Lucenia	C	15	12.12761	10-20	0-30	Green
206	Lucenia	C	18	14.55313	10-20	0-30	Green
207	Lucenia	C	32	25.87223	20-30	0-30	Green
208	Lucenia	C	14	11.3191	10-20	0-30	Green
209	Lucenia	C	20	16.17014	10-20	0-30	Green
210	Lucenia	C	15	12.12761	10-20	0-30	Green
211	Lucenia	C	16	12.93611	10-20	0-30	Green
212	Lucenia	C	15	12.12761	10-20	0-30	Green
213	Lucenia	C	27	21.82969	20-30	0-30	Green
214	Sisso	A	35	28.29775	20-30	0-30	Green
215	Sisso	A	17	13.74462	10-20	0-30	Green
216	Lucenia	C	38	30.72327	30-40	31-60	Green
217	Lucenia	C	26	21.02118	20-30	0-30	Green
218	Lucenia	C	15	12.12761	10-20	0-30	Green
219	Lucenia	C	29	23.44671	20-30	0-30	Green

परियोजना निदेशक
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National Highway Authority of India PIU, Jammu
Vaisht Sh

Dr. Aik closure/depot

Hali Dass
H/C Beat Guard
Garuh

Vaisht Sh
Range Forest Officer,
Forest Range Purmandal

220	Sisso	A	22	17.78716	10-20	0-30	Green
221	Safeda	C	58	46.89141	40-50	11-60	Green
222	Safeda	C	42	31.9573	30-40	11-60	Green
223	Safeda	C	41	31.14879	30-40	11-60	Green
224	Safeda	C	51	41.23186	40-50	11-60	Green
225	Safeda	C	39	31.53178	30-40	11-60	Green
226	Safeda	C	18	14.55313	10-20	0-30	Green
227	Safeda	C	52	42.04237	40-50	11-60	Green
228	Lucenia	C	20	16.17014	10-20	0-30	Green
229	Lucenia	C	21	16.97865	10-20	0-30	Green
230	Lucenia	C	10	8.085071	0-10	0-30	Green
231	Lucenia	C	17	13.74462	10-20	0-30	Green
232	Lucenia	C	17	13.74462	10-20	0-30	Green
233	Lucenia	C	10	8.085071	0-10	0-30	Green
234	Lucenia	C	11	8.893578	0-10	0-30	Green
235	Lucenia	C	10	8.085071	0-10	0-30	Green
236	Lucenia	C	11	8.893578	0-10	0-30	Green
237	Sisso	C	16	12.93611	10-20	0-30	Green
238	Sisso	A	10	8.085071	0-10	0-30	Green
239	Sisso	A	10	8.085071	0-10	0-30	Green
240	Lucenia	C	23	18.59566	10-20	0-30	Green
241	Kiker	B	30	24.25521	20-30	0-30	Green
242	Lucenia	C	11	8.893578	0-10	0-30	Green
243	Lucenia	C	24	19.40417	10-20	0-30	Green
244	Sareen	B	44	35.57431	30-40	31-60	Green
245	Lucenia	C	20	16.17014	10-20	0-30	Green
246	Kiker	B	49	39.61685	30-40	31-60	Green
247	Kiker	B	39	31.53178	30-40	31-60	Green
248	Lucenia	C	15	12.12761	10-20	0-30	Green
249	Lucenia	C	22	17.78716	10-20	0-30	Green
250	Lucenia	C	24	19.40417	10-20	0-30	Green
251	Lucenia	C	34	27.48924	20-30	0-30	Green
252	Lucenia	C	19	15.36164	10-20	0-30	Green
253	Lucenia	C	12	9.702085	0-10	0-30	Green
254	Lucenia	C	18	14.55313	10-20	0-30	Green
255	Lucenia	C	16	12.93611	10-20	0-30	Green
256	Lucenia	C	32	25.87223	20-30	0-30	Green
257	Lucenia	C	24	19.40417	10-20	0-30	Green
258	Lucenia	C	30	24.25521	20-30	0-30	Green
259	Lucenia	C	22	17.78716	10-20	0-30	Green
260	Lucenia	C	20	16.17014	10-20	0-30	Green
261	Lucenia	C	15	12.12761	10-20	0-30	Green
262	Lucenia	C	17	13.74462	10-20	0-30	Green
263	Lucenia	C	12	9.702085	0-10	0-30	Green
264	Lucenia	C	18	14.55313	10-20	0-30	Green

Al ~~Aik~~ closure/Depot

Karl: Does
He Beat around
Gareth

Attested *[Signature]*
Range Forest Officer,
Forest Range Purnamahal

Vaishu Sharma

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

265	Lucenia	C	31	25.06172	20-30	0-30	Green
266	Lucenia	C	20	16.17014	10-20	0-30	Green
267	Lucenia	C	11	8.893578	0-10	0-30	Green
268	Lucenia	C	12	9.702085	0-10	0-30	Green
269	Lucenia	C	10	8.085071	0-10	0-30	Green
270	Lucenia	C	14	11.3191	10-20	0-30	Green
271	Lucenia	C	39	31.53178	30-40	31-60	Green
272	Lucenia	C	18	14.55313	10-20	0-30	Green
273	Lucenia	C	15	12.12761	10-20	0-30	Green
274	Lucenia	C	16	12.93611	10-20	0-30	Green
275	Lucenia	C	11	8.893578	0-10	0-30	Green
276	Lucenia	C	22	17.78716	10-20	0-30	Green
277	Lucenia	C	20	16.17014	10-20	0-30	Green
278	Lucenia	C	17	13.74462	10-20	0-30	Green
279	Sisso	A	14	11.3191	10-20	0-30	Green
280	Sisso	A	11	8.893578	0-10	0-30	Green
281	Lucenia	C	14	11.3191	10-20	0-30	Green
282	Lucenia	C	12	9.702085	0-10	0-30	Green
283	Lucenia	C	16	12.93611	10-20	0-30	Green
284	Lucenia	C	20	16.17014	10-20	0-30	Green
285	Lucenia	C	21	16.97865	10-20	0-30	Green
286	Sareen	C	17	13.74462	10-20	0-30	Green
287	Lucenia	C	12	9.702085	0-10	0-30	Green
288	Lucenia	C	12	9.702085	0-10	0-30	Green
289	Sisso	A	70	56.5955	50-60	31-60	Green
290	sisso	A	57	46.08491	40-50	31-60	Green
291	Lucenia	C	12	9.702085	0-10	0-30	Green
292	Lucenia	C	15	12.12761	10-20	0-30	Green
293	Lucenia	C	13	10.51059	10-20	0-30	Green
294	Lucenia	C	24	19.40417	10-20	0-30	Green
295	Lucenia	C	17	13.74462	10-20	0-30	Green
296	Khair	A	26	21.02118	20-30	0-30	Green
297	Khair	A	42	33.9573	30-40	31-60	Green
298	Khair	A	36	29.10626	20-30	0-30	Green
299	Khair	A	38	30.72327	30-40	31-60	Green
300	Lucenia	C	14	11.3191	10-20	0-30	Green
301	Lucenia	C	14	11.3191	10-20	0-30	Green
302	Khair	A	26	21.02118	20-30	0-30	Green
303	Khair	A	26	21.02118	20-30	0-30	Green
304	Sareen	B	54	43.65938	40-50	31-60	Green
305	Lucenia	C	12	9.702085	0-10	0-30	Green
306	Khair	A	26	21.02118	20-30	0-30	Green
307	Khair	A	27	21.82969	20-30	0-30	Green
308	Khair	A	21	16.97865	10-20	0-30	Green
309	Lucenia	A	20	16.17014	10-20	0-30	Green

परियोजना निदेशक
परिचालन प्रमुख
राजमार्ग प्राधिकरण, परियोजना
National Highway Authority of India PI

Vaisho Khan

Eshta

2/c Aik closure/Depot

Kerli Dams
2/c Beatwara
Garh

Attested

Block Forest Officer
Forest Range Purmandal

Range Forest Officer,
Forest Range Purmandal

310	Lucenia	C	15	12.12761	10-20	0-30	Green
311	Lucenia	C	14	11.3191	10-20	0-30	Green
312	Lucenia	C	16	12.93611	10-20	0-30	Green
313	Lucenia	C	13	10.51059	10-20	0-30	Green
314	Lucenia	C	11	8.893578	0-10	0-30	Green
315	Lucenia	C	14	11.3191	10-20	0-30	Green
316	Lucenia	C	14	11.3191	10-20	0-30	Green
317	Sareen	C	68	54.97848	50-60	31-60	Green
318	Lucenia	C	25	20.21268	20-30	0-30	Green
319	Lucenia	C	14	11.3191	10-20	0-30	Green
320	Sisso	C	92	74.38265	70-80	61-90	Green
321	Sisso	C	68	54.97848	50-60	31-60	Green
322	Lucenia	C	10	8.085071	0-10	0-30	Green
323	Lucenia	C	12	9.702085	0-10	0-30	Green
324	Lucenia	C	14	11.3191	10-20	0-30	Green
325	Lucenia	C	14	11.3191	10-20	0-30	Green
326	Lucenia	C	10	8.085071	0-10	0-30	Green
327	Lucenia	C	10	8.085071	0-10	0-30	Green
328	Lucenia	C	12	9.702085	0-10	0-30	Green
329	Lucenia	C	12	9.702085	0-10	0-30	Green
330	Lucenia	C	10	8.085071	0-10	0-30	Green
331	Lucenia	C	25	20.21268	20-30	0-30	Green
332	Lucenia	C	31	25.06372	20-30	0-30	Green
333	Lucenia	C	12	9.702085	0-10	0-30	Green
334	Lucenia	C	15	12.12761	10-20	0-30	Green
335	Lucenia	C	12	9.702085	0-10	0-30	Green
336	Lucenia	C	11	8.893578	0-10	0-30	Green
337	Lucenia	C	21	16.97865	10-20	0-30	Green
338	Lucenia	C	18	14.55313	10-20	0-30	Green
339	Lucenia	C	17	13.74462	10-20	0-30	Green
340	Lucenia	C	15	12.12761	10-20	0-30	Green
341	Lucenia	C	15	12.12761	10-20	0-30	Green
342	Lucenia	C	15	12.12761	10-20	0-30	Green
343	Lucenia	C	14	11.3191	10-20	0-30	Green
344	Lucenia	C	10	8.085071	0-10	0-30	Green
345	Lucenia	C	20	16.17014	10-20	0-30	Green
346	Sisso	A	58	46.89341	40-50	31-60	Green
347	Lucenia	C	30	24.25521	20-30	0-30	Green
348	Lucenia	C	28	22.6382	20-30	0-30	Green
349	Khair	A	30	24.25521	20-30	0-30	Green
350	Lucenia	C	12	9.702085	0-10	0-30	Green
351	Khair	A	27	21.82969	20-30	0-30	Green
352	Lucenia	C	28	22.6382	20-30	0-30	Green
353	Khair	A	20	16.17014	10-20	0-30	Green
354	Khair	A	23	18.59566	10-20	0-30	Green

Project Director

Green

Green

Green

Green

Green

Green

Green

Green

Green

Green

Green

Green

Green

Green

Green

H/c Aik closure/Depot

Kali Dass
H/c Beat Guard
Garah

Range Forest Officer,
Forest Range Purmandal

Vaishu Sharma

355	Lucenia	C	30	24.25521	20-30	0-30	Green
356	Khair	C	24	19.40417	10-20	0-30	Green
357	Lucenia	C	15	12.12761	10-20	0-30	Green
358	Lucenia	C	12	25.87223	20-30	0-30	Green
359	Lucenia	C	16	12.93611	10-20	0-30	Green
360	Lucenia	C	15	12.12761	10-20	0-30	Green
361	Lucenia	C	18	14.55313	10-20	0-30	Green
362	Lucenia	C	11	8.893578	0-10	0-30	Green
363	Lucenia	C	15	12.12761	10-20	0-30	Green
364	Lucenia	C	12	9.702085	0-10	0-30	Green
365	Lucenia	C	13	10.51059	10-20	0-30	Green
366	Khair	A	53	42.85088	40-50	31-60	Green
367	Lucenia	C	23	18.59566	10-20	0-30	Green
368	Lucenia	C	14	11.3191	10-20	0-30	Green
369	Lucenia	C	12	9.702085	0-10	0-30	Green
370	Khair	A	36	29.10626	20-30	0-30	Green
371	Khair	A	20	16.17014	10-20	0-30	Green
372	Khair	A	20	16.17014	10-20	0-30	Green
373	Khair	A	30	24.25521	20-30	0-30	Green
374	Ber	C	22	17.78716	10-20	0-30	Green
375	Lucenia	C	20	16.17014	10-20	0-30	Green
376	Lucenia	C	21	16.97865	10-20	0-30	Green
377	Lucenia	C	10	8.085071	0-10	0-30	Green
378	Lucenia	C	22	17.78716	10-20	0-30	Green
379	Khair	A	41	33.14879	30-40	31-60	Green
380	Khair	A	43	34.76581	30-40	31-60	Green
381	Lucenia	A	15	12.12761	10-20	0-30	Green
382	Lucenia	C	12	9.702085	0-10	0-30	Green
383	Toot	A	15	12.12761	10-20	0-30	Green
384	Khair	A	32	25.87223	20-30	0-30	Green
385	Lucenia	C	18	14.55313	10-20	0-30	Green
386	Lucenia	C	11	8.893578	0-10	0-30	Green
387	Lucenia	C	23	18.59566	10-20	0-30	Green
388	Sisso	A	31	25.06372	20-30	0-30	Green
389	Lucenia	C	11	8.893578	0-10	0-30	Green
390	Lucenia	C	24	19.40417	10-20	0-30	Green
391	Lucenia	C	23	18.59566	10-20	0-30	Green
392	Lucenia	C	13	10.51059	10-20	0-30	Green
393	Lucenia	C	11	8.893578	0-10	0-30	Green
394	Lucenia	C	22	17.78716	10-20	0-30	Green
395	Lucenia	C	21	16.97865	10-20	0-30	Green
396	Lucenia	C	14	11.3191	10-20	0-30	Green
397	Lucenia	C	12	9.702085	0-10	0-30	Green
398	Lucenia	C	11	8.893578	0-10	0-30	Green
399	Lucenia	C	15	12.12761	10-20	0-30	Green

परियोजना
Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना
National Highway Authority of India

Vaidh Jha

Shela

Hc Aiklosme/Depot

Kali Dase

Hc Aiklosme/Depot
Garh

Arrested

Forest Officer

Forest Officer Purnamahal

Range Forest Officer
Forest Range Purnamahal

400	Khair	A	13	10.51059	10-20	0-30	Green
401	Khair	A	12	9.702085	0-10	0-30	Green
402	Lucenia	C	12	9.702085	0-10	0-30	Green
403	Lucenia	C	16	12.93611	10-20	0-30	Green
404	Lucenia	C	11	8.893578	0-10	0-30	Green
405	Lucenia	C	11	8.893578	0-10	0-30	Green
406	Sisso	A	18	14.55313	10-20	0-30	Green
407	sisso	A	18	14.55313	10-20	0-30	Green
408	Lucenia	C	12	9.702085	0-10	0-30	Green
409	Lucenia	C	20	16.17014	10-20	0-30	Green
410	Lucenia	C	18	14.55313	10-20	0-30	Green
411	Lucenia	C	12	9.702085	0-10	0-30	Green
412	Lucenia	C	22	17.78716	10-20	0-30	Green
413	Lucenia	C	11	8.893578	0-10	0-30	Green
414	Lucenia	C	22	17.78716	10-20	0-30	Green
415	Lucenia	C	22	17.78716	10-20	0-30	Green
416	Lucenia	C	25	20.21268	20-30	0-30	Green
417	Lucenia	C	54	43.65938	40-50	31-60	Green
418	Lucenia	C	28	22.6382	20-30	0-30	Green
419	Lucenia	C	30	24.25521	20-30	0-30	Green
420	Lucenia	C	10	8.085071	0-10	0-30	Green
421	Lucenia	C	11	8.893578	0-10	0-30	Green
422	Lucenia	C	15	12.12761	10-20	0-30	Green
423	Lucenia	C	18	14.55313	10-20	0-30	Green
424	Lucenia	C	17	13.74462	10-20	0-30	Green
425	Lucenia	C	16	12.93611	10-20	0-30	Green
426	Lucenia	C	13	10.51059	10-20	0-30	Green
427	Lucenia	C	18	14.55313	10-20	0-30	Green
428	Lucenia	C	20	16.17014	10-20	0-30	Green
429	Lucenia	C	27	21.82969	20-30	0-30	Green
430	Lucenia	C	30	24.25521	20-30	0-30	Green
431	Lucenia	C	15	12.12761	10-20	0-30	Green
432	Lucenia	C	20	16.17014	10-20	0-30	Green
433	Lucenia	C	14	11.3191	10-20	0-30	Green
434	Lucenia	C	27	21.82969	20-30	0-30	Green
435	Lucenia	C	22	17.78716	10-20	0-30	Green
436	Lucenia	C	10	8.085071	0-10	0-30	Green
437	Lucenia	C	21	16.97865	10-20	0-30	Green
438	Lucenia	C	17	13.74462	10-20	0-30	Green
439	Lucenia	C	16	12.93611	10-20	0-30	Green
440	Lucenia	C	24	19.40417	10-20	0-30	Green
441	Lucenia	C	14	11.3191	10-20	0-30	Green
442	Lucenia	C	12	9.702085	0-10	0-30	Green
443	Lucenia	C	12	9.702085	0-10	0-30	Green
444	Lucenia	C	11	8.893578	0-10	0-30	Green

Deha
H/c Aik closure/Depot

Karl Dass
H/c Beat area
Garh

Arrested
Range Officer,
Forest Range Purmandal

प्रदेश निदेशक
परियोजना निदेशक
राजमार्ग विकास परियोजना
राष्ट्रीय राजमार्ग प्राधिकरण
National Highway Authority of India

Vaishali

445	Lucenia	C	12	9.702085	0-10	0-30	Green
446	Lucenia	C	23	18.59566	10-20	0-30	Green
447	Lucenia	C	18	14.55313	10-20	0-30	Green
448	Lucenia	C	18	14.55313	10-20	0-30	Green
449	Lucenia	C	18	14.55313	10-20	0-30	Green
450	Lucenia	C	14	11.3191	10-20	0-30	Green
451	Lucenia	C	15	12.12761	10-20	0-30	Green
452	Lucenia	C	20	16.17014	10-20	0-30	Green
453	Lucenia	C	34	27.48924	20-30	0-30	Green
454	Lucenia	C	15	12.12761	10-20	0-30	Green
455	Lucenia	C	14	11.3191	10-20	0-30	Green
456	Lucenia	C	13	10.51059	10-20	0-30	Green
457	Sareen	B	28	22.6382	20-30	0-30	Green
458	Lucenia	C	22	17.78716	10-20	0-30	Green
459	Lucenia		17	13.74462	10-20	0-30	Green
460	Lucenia	C	16	12.93611	10-20	0-30	Green
461	Lucenia	C	32	25.87223	20-30	0-30	Green
462	Lucenia	C	22	17.78716	10-20	0-30	Green
463	Lucenia	C	25	20.21268	20-30	0-30	Green
464	Lucenia	C	19	15.36164	10-20	0-30	Green
465	Lucenia	B	16	12.93611	10-20	0-30	Green
466	Sareen	B	34	27.48924	20-30	0-30	Green
467	sareen	B	14	11.3191	10-20	0-30	Green
468	Sareen	C	18	14.55313	10-20	0-30	Green
469	Lucenia	C	22	17.78716	10-20	0-30	Green
470	Lucenia	C	22	17.78716	10-20	0-30	Green
471	Lucenia	C	14	11.3191	10-20	0-30	Green
472	Lucenia	C	15	12.12761	10-20	0-30	Green
473	Lucenia	C	16	12.93611	10-20	0-30	Green
474	Lucenia	C	14	11.3191	10-20	0-30	Green
475	Lucenia	C	17	13.74462	10-20	0-30	Green
476	Lucenia	C	16	12.93611	10-20	0-30	Green
477	Lucenia	C	15	12.12761	10-20	0-30	Green
478	Lucenia	C	16	12.93611	10-20	0-30	Green
479	Lucenia	C	20	16.17014	10-20	0-30	Green
480	Lucenia	C	14	11.3191	10-20	0-30	Green
481	Lucenia	C	15	12.12761	10-20	0-30	Green
482	Lucenia	C	16	12.93611	10-20	0-30	Green
483	Lucenia	C	13	10.51059	10-20	0-30	Green
484	Lucenia	C	22	17.78716	10-20	0-30	Green
485	Lucenia	C	14	11.3191	10-20	0-30	Green
486	Lucenia	C	12	9.702085	0-10	0-30	Green
487	Lucenia	C	30	24.25521	20-30	0-30	Green
488	Lucenia	C	15	12.12761	10-20	0-30	Green
489	Lucenia	C	14	11.3191	10-20	0-30	Green

Project Director
राष्ट्रीय राजमार्ग प्राधिकरण, पी
एनईएच
National Highway Authority of India

Vaishu Shukla

De Aikdosme/Depot

Kali Darsi
De Beat Guard
Gazeti

Forest Officer,
Forest Range Purmandal

490	Lucenia	C	11	8.893578	0-10	0-30	Green
491	Lucenia	C	30	24.25521	20-30	0-30	Green
492	Lucenia	C	29	23.44671	20-30	0-30	Green
493	Khair	C	16	12.93611	10-20	0-30	Green
494	Lucenia	C	31	25.06372	20-30	0-30	Green
495	Lucenia	C	27	21.82969	20-30	0-30	Green
496	Lucenia	C	45	36.38282	30-40	31-60	Green
497	Lucenia	C	30	24.25521	20-30	0-30	Green
498	Lucenia	C	32	25.87223	20-30	0-30	Green

परियोजना प्रतिकर परियोजना इका
Project Director
National Highway Authority of India PIU.

Sanjeev
Block Forest Officer
Forest Block Furmandel

Bsher
D/c Aik closure/depot

Kedi Doss
D/c Beat Guard
Garchi

Atul
Range Forest Officer
Forest Range Furmandel

C/signed
Divisional Forest Officer
Samba Forest Division
Samba

**Abstract for Enumeration list of trees/Poles coming under alignment of proposed Development of
Package -15 (KM 468+100 to KM 503 +250) of Delhi-Katra Expressway by National Highway Authority of
India in Purmandal Forest Range**

S.NO	Scientific Name	Local Name	Class	Dia-Class				Total
				0-30	31-60	61-90	91-120	
1	Acacia Nilotica	kiker	B	23	11	0	0	34
2	Albazia- Procera	Sareen	B	18	5	0	0	23
3	Dalbargia- Sisoo	Sisoo	A	36	7	1	0	44
4	Acacia Catechu	Khair	A	24	5	0	0	29
5	Lucaena Leucocephala	Lucenia	C	325	3	0	0	328
6	Eucalyptus	Safeda	B	13	12	0	0	25
7	Ziziphus Jujube	Ber	C	1	0	0	0	1
8	Terminalia Arjuna	Arjun	B	12	0	0	0	12
9	Morus Alba	Toot	B	1	0	0	0	1
10	Acacia Modesta	Farlie	B	1	0	0	0	1
Total				454	43	1	0	498

Valid Date
I/C Garhbeat

Signature
Forest Range Officer
Purmandal

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

Signature
Divisional Forest Officer
Samba Forest Division
Samba

Signature
Range Forest Officer,
Forest Range Purmandal

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 Samba Forest Division is tabulated below:

Samba 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	Purmandal Forest	497+790	498+212	422	5995.6	7253.8	13249.4	1.3249
Total							13249.4	1.3249


(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	Samba	Samba	Ghagwal	Jatwal	5.038	
2				Sagal	1.142	
3			Samba	Suhanda	3.718	
4				Chak Jangi	5.3589	
5				Chak Girdhari	2.8678	
6				Ramnagar	6.8282	
7				Rakh Amb Tali	8.4557	
8				Chak Manga Gujran	8.6599	
9				Badheri	7.4985	
10				Langath	2.6177	
11				Vijaypur	Chajjwal	0.5441
12					Sujwan	1.0193
13			Chak Mehtab Singh		0.2048	
14			Bara		0.0076	
15			Rakh Barotian		0.9534	
16			Pratap singh pura		0.1369	
17			Vijaypur		0.3772	
18			Chhani Manhasan		0.086	
19			Salmeri		1.5805	
20			Pekhri		0.3236	
Total					57.4181	

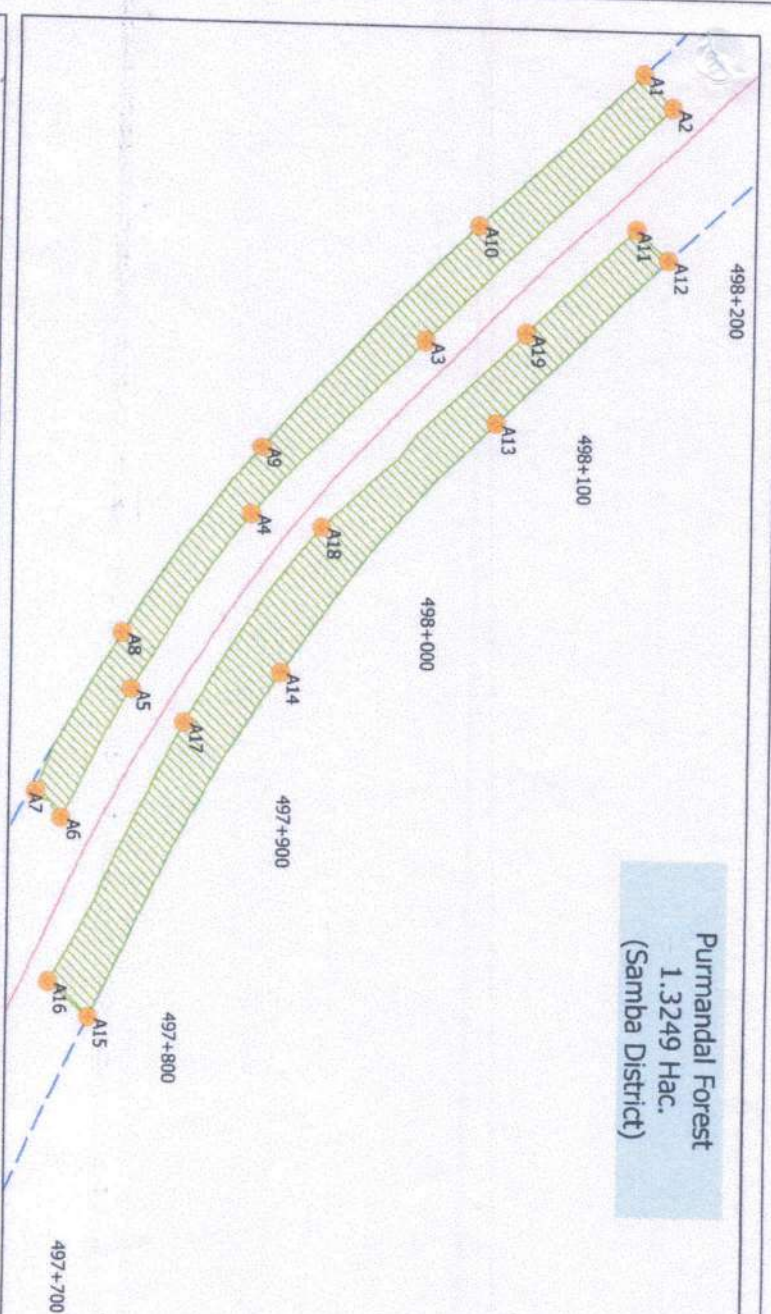

(Y R S Jadon)

Project Director

NHAI, PIU-Jammu
परियोजना निदेशक
Project Director

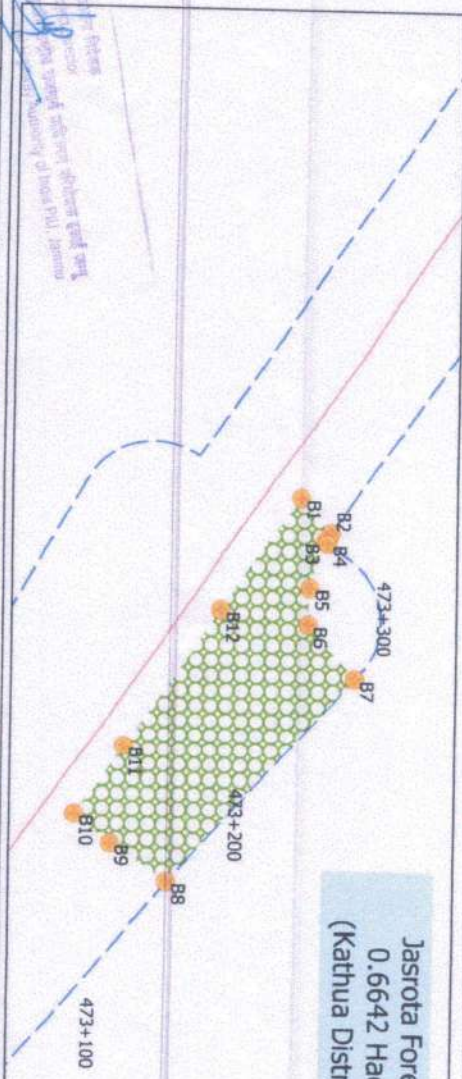
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना इकाई जम्मू
National Highway Authority of India PIU, Jammu

Purmandal Forest
1.3249 Hac.
(Samba District)



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

Jasrota Forest
0.6642 Hac.
(Kathua District)



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

DATE		REV		DESCRIPTION OF REVISIONS		BY	
Survey Point Proposed ROW (PROW) Proposed Center line of PROW District Boundary Purmandal Forest Jasrota Forest LEGEND							
NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road Transport & Highways) Government of India G-3 & 6, Sector - 10, Dwarka, New Delhi - 110075 CLIENT:							
CONSULTANT: FEEDBACK INFRA Woking Infrastructure LLP The information contained herein is Confidential & Property of Feedback Infra Private Limited and not to be published. The fee payment is based on the understanding that no part thereof shall be copied or reproduced in any form without the written permission of Feedback Infra Private Limited. Drawn by: D.J. Designed by: K.P. Checked by: J.V. Approved by: P.R.							
SCALE		DATE		STATUS: PROJECT: DETAIL PROJECT REPORT			
1 : 2,000		19.05.2021		TITLE: Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway (Samba & Kathua District) Georeference Map (DGPS)			
DRG NO.:		FIR-00001427/HW/SK/DGPS-01		REV		SHEET	
				2/2			

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: 14.06.21

Place: Jammu

C/signed

**Divisional Forest Officer
Samba Forest Division
Samba**

(Y P S Jadon)

Project Director

NHAI, PIU-Jammu

Project Director

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



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).

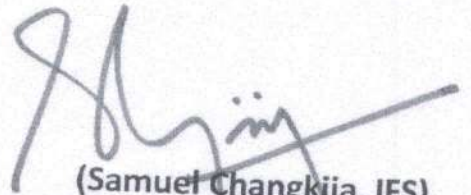
ORDER

The work proposal for Compensatory Afforestation to be done in lieu of diversion of 1.3249 Ha of Forest land in Samba Forest Division for **FCA proposal No: FP/JK/ROAD/142566/2021** to the tune of **Rs. 5.30/- lacs** prepared and submitted by the Divisional Forest Officer, Samba Forest Division 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	15/Devak	1.3249 Ha	2.65 Ha	Rs 5.30	0.2

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


(Samuel Changkija, IFS)
Chief Conservator of Forests,
East Circle, Jammu.

No:- 466-69/CFE/J/FCA Date:- 26.7.2021 

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 Samba Forest Division for information and necessary action.

Proposed work programme under Compensatory Afforestation for land coming against the development of Package-15 (KM468+100 to KM503+250) of phase-II of Delhi-Katra.

Range : Purmandal **Area:** 2.65 Ha **Location:** Co. 15/Devak **Geo-Coordinate** N-32° 42' 17.67", E- 074° 58' 57.78"

Brief Description of Proposed CA Site : The general condition of the crop on the whole is poor. These areas are characterised by conglomeratic sandy soil with pebbles and boulders with low soil depth and poor water retention capacity. The ground flora is depleted and most of the area has become prone to soil erosion. The biotic pressure is high and this has resulted in deterioration of the condition and composition of the crop at most of the places. Most of the area under this working circle comes under the category of degraded forest.

Working Circle & Prescription: The proposed site falls in Rehabilitation Reboisement Working Circle. As per the working plan prescription(s), the area needs complete rest & strict protection of these forests from various biotic interferences like grazing, fire, encroachment etc prescribed along with suitable SMC works.

Proposed intervention: The area need to be regenerated by artificial means i.e. by effective fencing, planting of Broad leaved Dalbergia sissoo, Acacia catechu, acacia modesta, Lannea grandis, Mallotus philippensis, and grasses to meet the demand of fodder of local inhabitants in future. In order to conserve water in the said area, construction of a pond has also been proposed.

Year	Component	Detail of work	Qty.	Rate	Amount (Lakhs)
1st Year (21-22)	Fencing	Fencing- using square PCC fence posts conforming to product code PCFP-3 at spacing of 8 feet and 4 strands of black annealed barbed wire conforming to the product code BA-BW. Atleast every 10th fence post along the Straight fence line and every fence post at the corner the fixed in the cement concrete block of size 1'.6" x1' x1' .	3000	80.71	2.42
	Total				2.42
	Grass Slip		500	6.35	0.03175
	Plant Production	Raising of saplings in polythene bags of size 9" x 6" conforming to product code no. PB - 60/90 with artifical source of irrigation in the nursery .	1,500	8.03	0.12
Sub.Total (1st Year)					2.57
2nd Year (22-23)	Plant Production	Raising of saplings in polythene bags of size 9" x 6" conforming to product code no. PB - 60/90 with artifical source of irrigation in the nursery .	375	8.03	0.030
	1st year maintenance of nursery stock raised during 1st year of CA plan		1500	2.66	0.040
	Construction of Ponds		1	L/S	0.94
Sub.Total (2nd Year)					1.01
3rd Year (23-24)	Plant Production	Raising of saplings in polythene bags of size 9" x 6" conforming to product code no. PB - 60/90 with artifical source of irrigation in the nursery .	225	8.03	0.018
	2nd year maintenance of nursery stock raised during 1st year of CA plan		1500	2.66	0.040
	1st year maintenance of nursery stock raised during 2nd year of CA plan		375	2.66	0.010
	DRSM (Cum)	Collection and carriage of stone to the work site, fashioning of stones to be used along with exposed faces in the construction of DRSM.	20	1099	0.22
Sub.Total (3rd Year)					0.29
4th Year (24-25)	Plantation	Plantation of poly raised saplings in pits of size 45 cm x 45 cm x 45 cm	1300	29.34	0.38
	Extra Carriage of Plants			L/S	0.2
	Sub.Total				0.58
	Plant Production	Raising of saplings in polythene bags of size 9" x 6" conforming to product code no. PB - 60/90 with artifical source of irrigation in the nursery .	75	8.03	0.006
	3rd year maintenance of nursery stock raised during 1st year of CA plan		1500	3.82	0.057
	2nd year maintenance of nursery stock raised during 2nd year of CA plan		375	2.66	0.010

	1st year maintenance of nursery stock raised during 3rd year of CA plan	225	2.66	0.006
Sub.Total (4th Year)				0.66
5th Year (25-26)	Beating Up Of Casulities (BUC)	325	29.34/plant	0.095
	Extra Carriage of Plants			0.02
	S. Total			0.115355
	3rd year maintenance of nursery stock raised during 2nd year of CA plan	200	3.82	0.008
	2nd year maintenance of nursery stock raised during 3rd year of CA plan	325	2.66	0.009
	1st year maintenance of nursery stock raised during 4th year of CA plan	75	2.66	0.002
Sub.Total (5th Year)				0.134
6th Year (26-27)	Beating Up Of Casulities (BUC)	195	29.34	0.057
	Extra Carriage of Plants			0.012
	Sub.Total			0.0689
	3rd year maintenance of nursery stock raised during 3rd year of CA plan	225	3.82	0.01
	2nd year maintenance of nursery stock raised during 4th year of CA plan	75	2.66	0.0020
Sub.Total (6th Year)				0.08
7th Year (27-28)	Beating Up Of Casulities (BUC)	65	29.34	0.019
	Extra Carriage of Plants			0.0039
	Total			0.023
	3rd year maintenance of nursery stock raised during 4th year of CA plan	75	3.82	0.0029
	Repair of Fencing (Rft)	700	16.74	0.117
Sub.Total (7th Year)				0.14
8th Year (28-29)	Repair of Ponds	01 Nos	L/S	0.3
Sub.Total (8th Year)				0.30
9th Year (29-30)	Repair of DRSM Works (Cum)	6	1099	0.07
Sub.Total (9th Year)				0.07
10th Year (30-31)	Repair of Fencing (Rft)	300	16.74	0.05
Sub.Total (10th Year)				0.05
G-Total				5.30


 Divisional Forest Officer
 Samba Forest Division
 Samba.

SOI Map for CA Patch

GT Sheet N 43 L/14

1:50,000



CA Plan for Construction of Delhi Katra Express way Phase II Compt. 15/BI Sumbli

FID	Longitude	Latitude
0	74° 58' 54.188" E	32° 42' 22.795" N
1	74° 58' 51.999" E	32° 42' 21.596" N
2	74° 58' 52.479" E	32° 42' 18.917" N
3	74° 58' 54.981" E	32° 42' 16.970" N
4	74° 58' 56.762" E	32° 42' 15.290" N
5	74° 58' 58.228" E	32° 42' 15.351" N
6	74° 59' 0.288" E	32° 42' 15.450" N
7	74° 59' 1.945" E	32° 42' 16.021" N
8	74° 59' 0.595" E	32° 42' 16.971" N
9	74° 59' 0.920" E	32° 42' 19.314" N
10	74° 59' 0.752" E	32° 42' 20.203" N
11	74° 58' 59.671" E	32° 42' 20.628" N
12	74° 58' 58.371" E	32° 42' 21.829" N
13	74° 58' 56.686" E	32° 42' 21.776" N
14	74° 58' 55.748" E	32° 42' 22.192" N

CA Polygon
GPS Coordinates

CA
Polygon

Divisional Forest Officer
Samba Forest Division
Samba

ICT PI DIVISION J&K JAMMU

SOI Map for CA Patch

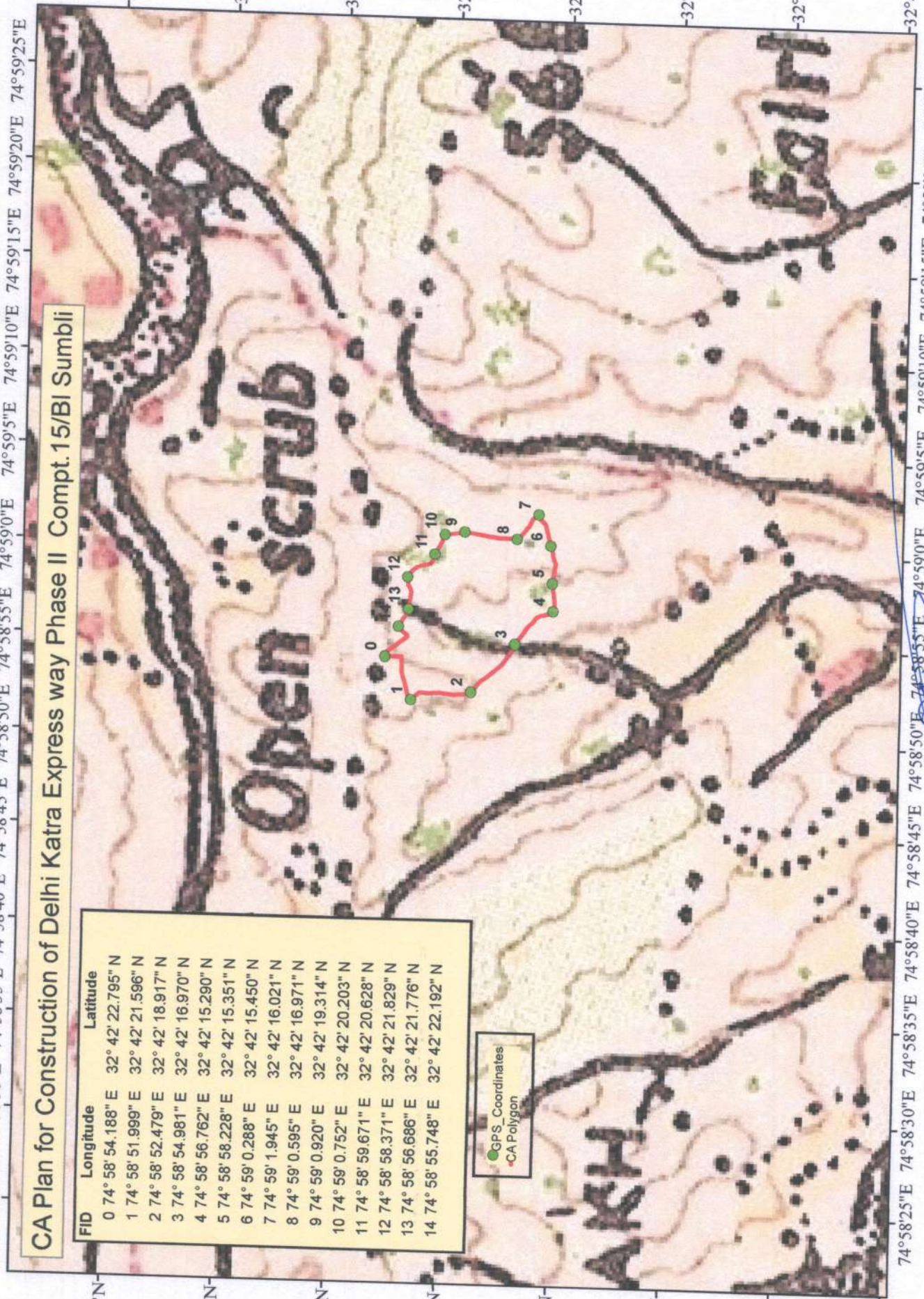
GT Sheet N 43 L/14 1:5,000



CA Plan for Construction of Delhi Katra Express way Phase II Compt. 15/BI Sumbli

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● GPS Coordinates
● CA Polygon



Divisional Forest Officer,
Samba Forest Division
Samba

ICT PI DIVISION J&K JAMMU



CA Plan for Construction of Delhi Katra Express way Phase II Compt.15/BI Sumblii

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14	74° 58' 55.748" E	32° 42' 22.192" N

CA Polygon
GPS_Coordinates

CA
Polygon



32°45'0"N

74°55'0"E

75°0'0"E

32°45'0"N

32°40'0"N

32°40'0"N

74°55'0"E

75°0'0"E

Divisional Forest Officer
Samba Forest Division

Samba

ICT PI DIVISION J&K JAMMU

74°58'45"E

74°58'50"E

74°58'55"E

Georeference Map for CA Patch

GT Sheet N 43 I/14

1:1,500

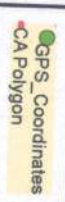
32°42'25"N



32°42'25"N

32°42'20"N

FID	Longitude	Latitude
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32°42'15"N

74°58'45"E

74°58'50"E

DIVISIONAL Forest Officer

Samba Forest Division

Samba

74°58'55"E

74°59'0"E

ICT PI DIVISION J&K JAMMU

32°42'15"N

32°42'20"N

Co. 15/BI Beat Sumbli Block Balole

Write a description for your map

Legend

Feature 1

N 32 42 14 E 74 58 57



Google Earth

Images © 2021 Maxar Technologies

[Signature]
Divisional Forest Officer,
Samba Forest Division
Samba

Full Title of the Project: **Development of Package – 15 (KM 468+ 100 to KM 503+ 250) of phase –II of Delhi – Katra Expressway by National Highway Authority of India**

File No: **FP/JK/ROAD/142566/2021**

Date of Proposal: **15-07-2021**

Land Suitability Certificate by DFO (Territorial)

This is to certify that 2.65 ha land bearing survey no./compartment no. 15/D of village Sumbli Tehsil Bari Brahmana District Samba identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachments.

Place: Samba

Date: 12-08-2021


(Som Dutt Khajuria) SFS
Divisional Forest Officer
Samba Forest Division
Samba

Net Present Value (NPV) of Forest land proposed for diversion under Forest Conservation Act, 1980 in Samba Forest Division, Jammu & Kashmir 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

1	Name of the project:	Development of Package (KM 468+ 100to KM 503+ 250) of Phase –II of Delhi – Katra Expressway															
2	Name of the Forest Division	Samba Forest Division															
3	Number of Forest Compartments involved:	one															
4	Name of Forest Compartments involved:	01/Aik closure															
5	Total area of Forest land proposed for diversion:	1.3249 ha															
6	Ecological Class & Density Class of Forest land proposed for diversion:	<table><tr><td>Eco Class</td><td>Forest Type</td><td>Density Class (Density)</td><td>NPV Rates (Rs / ha)</td></tr><tr><td>V</td><td>Sub-Tropical Broad Leaved Hill Forests</td><td>VDF (0.8)</td><td>8,45,000/-</td></tr></table>				Eco Class	Forest Type	Density Class (Density)	NPV Rates (Rs / ha)	V	Sub-Tropical Broad Leaved Hill Forests	VDF (0.8)	8,45,000/-				
Eco Class	Forest Type	Density Class (Density)	NPV Rates (Rs / ha)														
V	Sub-Tropical Broad Leaved Hill Forests	VDF (0.8)	8,45,000/-														
7	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, Forests & Climate Change)															
8	Total amount of NPV:	<table><tr><td>Eco Class</td><td>NPV Rates (Rs / ha)</td><td>Forest land proposed for diversion (Ha)</td><td>Total Amount of NPV payable by UA (Rs)</td></tr><tr><td>V</td><td>8,45,000/-</td><td>1.3249</td><td>11,19,541/-</td></tr><tr><td colspan="3">Total</td><td>Rs.11,19,541/- (Eleven lacs nineteen thousands five hundred forty one only)</td></tr></table>				Eco Class	NPV Rates (Rs / ha)	Forest land proposed for diversion (Ha)	Total Amount of NPV payable by UA (Rs)	V	8,45,000/-	1.3249	11,19,541/-	Total			Rs.11,19,541/- (Eleven lacs nineteen thousands five hundred forty one only)
Eco Class	NPV Rates (Rs / ha)	Forest land proposed for diversion (Ha)	Total Amount of NPV payable by UA (Rs)														
V	8,45,000/-	1.3249	11,19,541/-														
Total			Rs.11,19,541/- (Eleven lacs nineteen thousands five hundred forty one only)														


Divisional Forest Officer
Samba Forest Division
Samba

Tentative Cost Abstract of firewood extraction from trees/poles/sapling coming in proposed construction of Development of Package - 15 (KM 468+ 100 to KM 503+ 250) of phase -II of Delhi - Katra Expressway passing through Aik Closure of Purmandal Forest Range w.r.t. Samba Forest Division

S. No.	Item of Work	Qty.	Rate (In Rs)	Unit	Amount (In Rupees)	Remarks
1	Enumeration of tree, poles, sapling etc.	498	5.4	Per No.	2,689	The estimate is prepared as per Govt. rate of 2016-17.
2	Marking of trees , poles, sapling etc.	498	9.75	Per No.	4,856	
3	For extraction of firewood and allied activities of BL spp.					
a	Felling of trees, hand sawing/conversion and its splitting making fit for head load carriage/stocking upto loading point road side	498	105.57	Per qtl	-	The estimate is prepared as per Govt. rate of 2016-17.
b	Weightage, loading, unloading, Depot handling and other misc.	498	21.42	Per qtl	-	
Approximately out turn		1280	126.99	Per qtl	1,62,547	
5	Mechanical transportation of firewood for 50 km average lead	1280	Rs 1.90/- per qtls per km upto 40 kms, Rs 1.38/- per qtls per km beyond 40 km		97,280	
6	Watch & ward for 5 labour for 2 months	300	335	Per month	1,00,500	
Misc. & OH Charges @ LS					52,000	
Total Amount in Rupees payable by UA in Rs					4,19,872	
(In Words- Four Lakhs nineteen thousand eight hundred seventy two Only)						

Signed

 Divisional Forest Officer
 Samba Forest Division
 Samba


 B. O. P.

S.No.	Tentative Abstract of timber / firewood quantity (approx.) estimate of trees coming in proposed construction of Development of Package - 15 (KM 468+ 100 to KM 503+ 250) of phase - II of Delhi - Katra Expressway passing through Aik Closure of Purmandal Forest Range w.r.t. Samba Forest Division	0-10	10 to 20	20-30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90-100	above 100	Total
1	Dia Class												
2	Expected Outturn (qtl)	0.25	1	4	6	10	17	25	35	50	70	125	
3	BL spp. Nos.	114	256	84	24	14	5		1				498
4	Outturn of firewood for BL (qtl)	28.5	256	336	144	140	85	0	35	0	0	0	1024.5
5	Total expected outturn of firewood (qtl)	30	300	400	200	200	100	0	50	0	0	0	1280

C/signed
Orthic

R.O.R.

Divisional Forest Officer
Samba Forest Division
Samba

Species	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140	140-150	150<	TOTAL
GREEN																	
Decodar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BL Spl.	6	0	0	3	2	2	1	0	0	0	0	0	0	0	0	0	44
BL A class	11	25	5	3	2	3	0	0	0	0	0	0	0	0	0	0	113
BL B class	97	42	27	19	11	0	0	0	0	0	0	0	0	0	0	0	327
BL C class	179	48	48	2	1	0	0	0	0	0	0	0	0	0	0	0	484
TOTAL	114	246	80	24	14	5	0	1	0	0	0	0	0	0	0	0	484
DRY																	
Decodar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BL Spl.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BL A class	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BL B class	0	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	12
BL C class	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
TOTAL	0	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Compensation for Green																	
Decodar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BL Spl.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BL A class	3912	57000	22795	26379	30612	48198	0	50477.5	0	0	0	0	0	0	0	0	239373.5
BL B class	4774	63840	82033	111378	112244	48198	0	0	0	0	0	0	0	0	0	0	422487
BL C class	15811	102030	54720	4396	3826	0	0	0	0	0	0	0	0	0	0	0	180783
TOTAL	24497.00	222870.00	159668.00	142153.00	146682.00	96396.00	0.00	50477.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	842643.50
Compensation for Dry																	
Decodar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BL Spl.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BL A class	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BL B class	0	6080	6080	0	0	0	0	0	0	0	0	0	0	0	0	0	12160
BL C class	0	570	0	0	0	0	0	0	0	0	0	0	0	0	0	0	570
TOTAL	0.00	6650.00	6080.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12730.00
G.TOTAL	24497.00	229520.00	165648.00	142153.00	146682.00	96396.00	0.00	50477.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	855373.50

C/signed

Divisional Forest Officer
Samba Forest Division
Samba

[Signature]
R.O.P.

Species	Green	Dry	TOTAL
Decodar	0	0	0
Kail	0	0	0
Fir	0	0	0
Chir	0	0	0
BL Spl.	0	0	0
BL A class	44	0	44
BL B class	113	12	125
BL C class	327	2	329
TOTAL	484	14	498

Species	Green	Dry	TOTAL
Decodar	0	0	0
Kail	0	0	0
Fir	0	0	0
Chir	0	0	0
BL Spl.	0	0	0
BL A class	239373.5	0	239373.5
BL B class	422487	12160	434647
BL C class	180783	570	181353
TOTAL	842643.50	12730	855373.50

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: 14.06.21

Place: Jammu

c/signed


Divisional Forest Officer
Samba Forest Division
Samba


(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

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: **14.06.21**

Place: Jammu

signed

**Divisional Forest Officer
Samba Forest Division
Samba**


(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

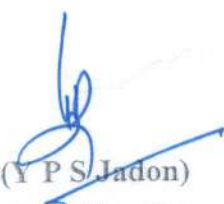
CHECKLIST: 24

**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: **14.06.21**
Place: Jammu


(Y P S Jadon)

Project Director

NHAI, PIU-Jammu
Project Director

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

TITLE OF PROJECT = Development of Package – 15 (KM 468+ 100 to KM 503+ 250) of phase –II of Delhi – Katra Expressway by National Highway Authority of India

SITE INSPECTION REPORT

S. No	Items	Observation and Remarks					
1	Name of the Project and location (Range, Round, Beat)	Development of Package (KM 468+ 100to KM 503+ 250) of Phase –II of Delhi – Katra Expressway, Purmandal Forest Range,					
2	Name of User Agency	National Highway Authority of India					
3	Date of Site Inspection	07-07-2021					
4	Extent (ha) and legal status of Forest land proposed for diversion	1.3249 ha.					
5	a) Details of Forest land proposed for diversion and activity wise breakup of forest land.	Name of District	Items of work/purpose	Forest Land Required			
	b) Density and Eco- value class			Compart ment No.	Length	Area Sq. m.	Ha.
				01/Aik Closure	373.023 360.007	5,995.6 7,253.8	1.3249
		Samba	Expressway				
		Density - 0.8 and Eco- value class - V					
6	Whether the requirment 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 of not.	No					
	b) Detail of any rare or endangered or unique speices of flora and funa in proposed forest land. If so, the details thereof.	No					
	c) Arial distance from nearest boundary of any portected Area (Km)	19.20 Km from Mansar Wildlife santuary					
	d) Remarks about sensitivity of the forest area likely to be affected due to project.	Seems no effect					
	e) Whether wildlife mitigation plan is required ? If yes, reasons thereof.	No					
9	Details of vegetation:						
		498					
	a) Total number of trees to be felled						
	b) Number of trees to be felled of girth below 60cm	497					
	c) Number of trees to be felled of girth above 60cm	1					

	d) Effect of removal of trees on the general ecosystem in the area.	
10	Back ground note on the proposal (Short Summary)	Development of Package (KM 468+ 100to KM 503+ 250) of Phase –II of Delhi – Katra Expressway is project which has been utilise by the people for minimise the time from Delhi - Katra .
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)	Not Applicable
	Status of catchment area treatment plan to prevent silation of reservior (if applicable)	Not Applicable
14	Utility of the Project	Strategic importance in view of Development of Package (KM 468+ 100to KM 503+ 250) of Phase –II of Delhi – Katra Expressway.
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)	The project may be accepted as per guidelines of GoI, as the forest land proposed for diversion is essentially require for construction of Development of Package (KM 468+ 100to KM 503+ 250) of Phase –II of Delhi – Katra Expressway.

Place: Samba

Date: 7.7.2021


Divisional Forest Officer
Samba Forest Division
Samba



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

टेलीफैक्स : 0191-3511750

Telefax

ई-मेल : jam@nhai.org

E-mail : piujammu@gmail.com

वेबसाइट : www.nhai.org

Website



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.

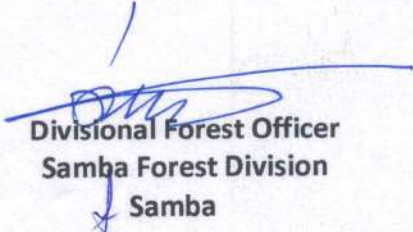

(Y P S Jaden)
Project Director
NHAI, PIU-Jammu



**SPECIFIC RECOMMENDATION OF THE DIVISIONAL FOREST OFFICER, SAMBA FOREST DIVISION FOR
ACCEPTANCE OF OTHERWISE OF THE PROPOSAL WITH REASONS:**

The Construction of Development of Package (KM 468+ 100to KM 503+ 250) of Phase –II of Delhi – Katra Expressway District - Samba project has been planned to provide the express highway to the people of J & K UT and as per recommendation from the user agency. The justification from the user agency for forest land diversion is as under:-

1. The plan for construction of Development of Package (KM 468+ 100to KM 503+ 250) of Phase –II of Delhi – Katra Expressway District - Samba The said road has been sanctioned by Govt. of India under Development of Package (KM 468+ 100to KM 503+ 250) of Phase –II of Delhi – Katra Expressway. It directly benefits the people of J & K UT & other states.
2. Forest area cannot be avoided as the alignment proposed is the only feasible alignment providing vital connectivity to the hamlets.
3. Hence, the diversion of the forest land is the only option to construct Delhi – Katra Expressway.


Divisional Forest Officer
Samba Forest Division
Samba

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 Samba

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


13/7/21
Divisional Forest Officer
Samba Forest Division
Samba


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

Tentative Cost of other Assessts comming under the proposed construction of Development of Package
- 15 (KM 468+ 100 to KM 503+ 250) of phase -II of Delhi - Katra Expressway w.r.t. Samba Forest
Division

S.No.	Particulars	Qty.	Rate	Amount
1	Main entry gate of Purmandal Range Office alongwith edge walls of approach road	1	5,00,000/-	5,00,000/-
2	Gate Keepers Room	1	4,00,000/-	5,00,000/-
	Total			10,00,000/-


Divisional Forest Officer
Samba

Funds allotted by the National Highway authority of India to the Forest Division Samba for
execution of works as under:

- (i). Mesh wire = 16430 rft
- G. I. wire = 12060 rft
- (ii). Plantation in strips = 10500 Nos.

Further the costs of assests created not incorporated


Divisional Forest Officer
Samba



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, चन्नी हिम्मत, जम्मू-180015 जम्मू एवं कश्मीर
Project Implementation Unit
315/1, Channi Himmat, Jammu-180015, Jammu & Kashmir

टेलीफैक्स : 0191-3511750
Telefax
ई-मेल : jam@nhai.org
E-mail : plujammu@gmail.com
वेबसाइट : www.nhai.org
Website



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Ref: PD/JMU/DKE/2021-22/1381

Dated: 27.05.2021

Deputy Commissioner
UT of J&K
Samba

Sub: Submission of Forest Proposal under Forest (Conservation) Act, 1980 for the diversion of forest land for non- forest purpose for the project "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]- Recognition of Forest Rights involved in the alignment – Reg.

Ref: DPR Consultant office letter no. FIPL/NHAI/DELKT/2020-21/1171 dated: 09.04.2021.

Madam,

With reference to the above mentioned subject, it is to inform that National Highways Authority of India, MoRT&H, Govt. of India has taken up the DPR of the 4/6 Lane subject project in the UT of J&K.

In this regard, it is requested to kindly make it convenient to settle Forest Rights if any in accordance with the provisions of the scheduled Tribes and other traditional Forest Dwellers (Recognition of Forest Rights) Act 2006 (2 of 2007) for forest land as the DPR of Delhi-Katra Expressway is under process.

As the bids for the subject project stand invited, an early action is requested please.

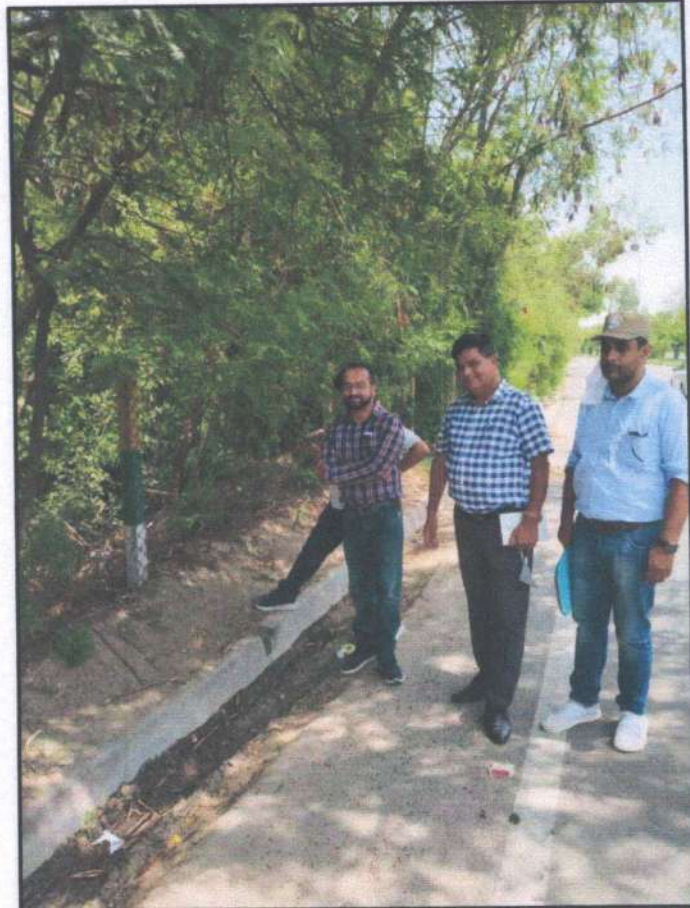
Enclosure: SoI Toposheet with road marking

Yours Sincerely,


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

Copy to: Shri Sudhanshu Kumar, Project Manager, M/s Feedback Infra Pvt. Ltd, Gurgaon, Haryana for information and necessary follow up action.

Joint Inspection with Forest Department Samba (Divisional Forest Officer & Range Officer) & National Highway Authority of India



Attested
[Signature]
Divisional Forest Officer
Samba Forest Division
Samba

Area Calculation Sheet

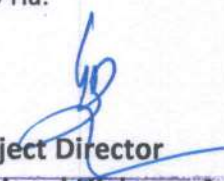
Caluculation of area (length and width) of forest land involved in the construction of Development of Package – 15 (KM 468+ 100 to KM 503+ 250) of phase –II of Delhi – Katra Expressway by National Highway Authority of India in Aik closure of Purmandal Forest Range of Samba Forest Division

S.No.	Description of items	Area
1	Total length of Road	35.150 Km (Pakage -15)
2	Private/Revenue land	57.4181 Ha
3	Length of road in forest land	Left hand side= 373.023 M Right hand side= 360.007 M
4	Width of proposed road	Left hand side= 16.073 M Right hand side= 20.149 M
5	Area of Forest Land involved in road	1.3249 Ha

Calculation of Forest area required for dumping site = Nil

Total area of forest land proposed for diversion = 1.3249 Ha.


Divisional Forest Officer
Samba Forest Division
Samba


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

Calculation sheet of Net Present Value (NPV)

Net Present Value of the forest area coming in the construction of Development of Package – 15 (KM 468+ 100 to KM 503+ 250) of phase –II of Delhi – Katra Expressway
passing through Aik Closure of Purnamandal Forest Range by National Highway Authority of India in Samba Forest Division

S.No.	Division	Comptt. No.	RD's involved in Kms	Side of Road	Length of Road (mtr's)	Width of road (mtr's)	Area (m ²)	Area (ha)	Canopy density	Eco-class	NPV Rate (Lakh/ha.)	NPV amount (Rs. in Lakhs)
1	Samba	01/Aik Closure	497+790 to 498+212	Left hand side	373.023 M	16.073 M	5995.6 sq. m	1.3249 ha	0.8	V	Rs. 8,45,000/-	Rs. 11,19,541/-
2				Right hand side	360.007 M	20.149 M	7253.8 sq. m				Rs. 8,45,000/-	Rs. 11,19,541/-
			Total				13249.4 sq. m					


 Divisional Forest Officer
 Samba Forest Division
 Samba


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

UNDERTAKING REGARDING FOREST RIGHTS ACT, 2006

This is to undertake that documentary evidence in support of Settlement of Rights under Forest Rights Act, 2006 on the forest land proposed to be diverted shall be obtained from District Collector after joint inspection in Part II stage of Forest Clearance Proposal for Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway. Same shall be uploaded on the portal as soon as it is furnished.

Date: 14.06.21

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



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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Website



BHARATMALA
ROAD TO PROSPERITY

Ref: PD/JMU/DKE/2021-22/2124

Dated: 05.08.2021

Divisional Forest Officer

UT of J&K

Samba

Sub: Forest Clearance Proposal under Forest (Conservation) Act, 1980 for the diversion of forest land for non- forest purpose for the project "Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway" in Kathua and Samba districts in the UT of Jammu & Kashmir – **Soil Conservation-Reg.**

Sir,

With reference to the cited subject, it is to be informed that all the necessary measures for efficient drainage and soil conservation including construction of drain with RCC wall and Toe wall/ Breast wall as per the site suitability shall be constructed by this office.

Yours Sincerely,


(Y P S Jadon)

Project Director

NHAI, PIU-Jammu

Copy to: Shri Sudhanshu Kumar, Project Manager, M/s Feedback Infra Pvt. Ltd, Gurgaon, Haryana for information and compliance.

Full Title of the Project: **Development of Package – 15 (KM 468+ 100 to KM 503+ 250) of phase –II of Delhi – Katra Expressway by National Highway Authority of India**

File No: **FP/JK/ROAD/142566/2021**

Date of Proposal: **15-07-2021**

**Site inspection report by an officer not below the rank of DCF/DFO
(For the forest land to be diverted under FCA)**

1. A proposal has been received by this office from National Highway Authority of India, for diversion (under FCA, 1980) of 1.3249 ha of forest land for non-forestry purpose. The subject envisages the use of forest land for Construction of **Development of Package – 15 (KM 468+ 100 to KM 503+ 250) of phase –II of Delhi – Katra Expressway**. The site inspection of the land involved in the proposal has been done by me on 07-07-2021 alongwith representative of user agency. It is found that the land required by the User Agency is a forest land measuring, 1.3249 ha. The requirement of forest land as proposed by the UA in Col. 2 of Part-I is unavoidable and is barest minimum required for the project.
2. The u/signed then made a small detour along the road alignment on both the sides to get a fair idea about the nature of ground vegetation in order to ascertain whether there are any endangered or rare flora in the area and no endangered / rare/ unique flora was noticed in the area under observation. There is no apprehension of any kind of fragmentation of habitat of any wildlife species.
3. However, the user agency shall have to take strict soil conservation measures during execution of cutting in steep stretches to avoid the likely damage that may be inflicted upon the forest crop in the area. Necessary directions in this regard have been issued to the concerned field staff to remain vigilant during the execution phase and to promptly report any violation, if noticed.
4. There is no any protected archaeological/heritage site/defence establishment or any other important monument is located in the proposed area.

Place: Samba

Date: 12-08-2021


(Som Dutt Khajuria) SFS
Divisional Forest Officer
Samba Forest Division
Samba

Tour Note of Site Inspection Report in respect of the Development of Package – 15 (KM 468+ 100 to KM 503+ 250) of phase –II of Delhi – Katra Expressway by National Highway Authority of India

Today on 07-07-2021, the undersigned alongwith the Range Forest Officer Purmandal, Block forest Officer Purmandal and Beat Guard Gurha, visit the road alignment site Development of Package – 15 (KM 468+ 100 to KM 503+ 250) of phase –II of Delhi – Katra Expressway . The undersigned with the forest team walked alongwith team of User Agency in the road alignment site and checked the permanent Bench Marks (PBMs) placed at different RDs by the user agency.

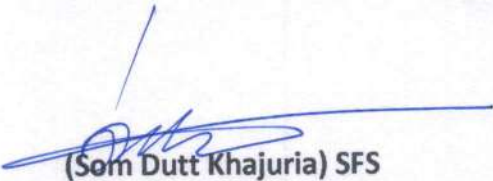
The undersigned then made a small detour along the road alignment on the both sides to get fair idea about the nature of ground vegetation, in order to ascertain whether there are any endangered or rare flora in the area and no endangered/rare/ unique flora was noticed in the area under observation.

It was also found on enquiry from the field staff that the area proposed for diversion does not the habitat of any critically endangered wildlife species. Moreover, the aerial distance of the nearest wildlife sanctuary (Mansar lake) is approximately **19.20** Km from the projected area. As such, there is no apprehension of any kind of fragmentation of habitat of any wildlife species.

The proposed area for diversion is already both sides of Pathankote – Jammu National Highway. The user agency had given written consent that no dumping in the forest land is required. However, the user agency shall have to take strict soil conservation measures during execution of cutting in steep stretches to avoid the likely damage that may be inflicted upon the forest crop in the area. Necessary directions in this regard have been issued to the concerned field staff to remain vigilant during the execution phase and to promptly report any violation, if noticed,

Place: Samba

Dated:-07-07-2021


(Som Dutt Khajuria) SFS
Divisional Forest Officer
Samba Forest Division
Samba