

वन विभाग, हरियाणा सरकार

कार्यालय : वन मण्डल अधिकारी (क्षेत्रीय), करनाल

वन कॉम्प्लैक्स, नजदीक रेलवे स्टेशन, करनाल, दूरगाव / फैक्स नं० : 0184-2241417, E-mail : dfokarnal@yahoo.co.in

रजि० डाक क्रमांक : FCA/79

दिनांक : 18.4.23

सेवा में :- अति० प्रधान मुख्य वन संरक्षक,
एवं नोडल आफिसर(एफ.सी.ए०),
कार्यालय :- प्रधान मुख्य वन संरक्षक,
हरियाणा, पंचकूला।

विषय :- Diversion of 3.7381 hec.(Karnal Division 0.477 ha.) of forest land used only for development of 6 lane access controlled Greenfield Highway of Shamli to Ambala Section from K.m Ch. 0+000 to Km Ch. 120+970(Total length: 120.970 Km) in the states of Uttar Pradesh, Haryana & Punjab under Bharatmala Pariyojana Phase II(Lot-9/Package-I).
File No- FPI/HR/ROAD/153630/2022.

सन्दर्भ :- भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मन्त्रालय, उत्तर क्षेत्रीय कार्यालय, चण्डीगढ़ के कार्यालय का पत्र क्र० 9-HRB039/2023-CHA दिनांक 06-04-2022.

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उपरोक्त विषय के सम्बन्ध में प्रयोक्ता एजेंसी ने अपने कार्यालय के पत्र क्र० 129 दिनांक 17-04-2023(प्रति संलग्न) द्वारा सूचित किया है कि उन द्वारा मांगी गई सूचना को पार्ट-I में ऑनलाईन अपलोड कर दिया गया है। इसके अतिरिक्त उक्त सन्दर्भांकित पत्र द्वारा करनाल मण्डल से संबंधित मांगी गई सूचना को निम्न मद्वाईज ऑनलाईन अपलोड कर दिया गया है।

1. मद् संख्या 2(V) अनुसार सी०ए स्कीम को संशोधित करके पार्ट-II में भी ऑनलाईन अपलोड कर दिया गया है।
2. मद् संख्या 2(VI) अनुसार प्रयोक्ता एजेंसी द्वारा प्रस्तुत ले-आउट प्लान को निम्नहस्ताक्षरी के हस्ताक्षर उपरान्त पार्ट-II में ऑनलाईन अपलोड कर दिया गया है।

वन मण्डल अधिकारी,
करनाल।

18.4.23

दिनांक :-

पृ० क्रमांक :- FCA/80

इसकी एक प्रति मुख्य वन संरक्षक, मध्य परिमण्डल, रोहतक को सूचनार्थ एवं आगामी आवश्यक कार्यवाही हेतु प्रेषित है।

वन मण्डल अधिकारी,
करनाल।

Full Title of the Project : Diversion of 0.477 hec. of forest land used only for development of 6 lane access controlled Greenfield Highway of Shamli to Ambala Section from K.m Ch. 0+000 to Km Ch. 120+970(Total length: 120.970 Km) in the states of Uttar Pradesh, Haryana & Punjab under Bharatmala Pariyojana Phase II(Lot-9/Package-I).
File No- FP/HR/ROAD/153630/2022.

CHECK LIST SERIAL NUMBER: 18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Name of the Forest/Reach to be diverted: Diversion of 0.477 hec. of forest land used only for development of 6 lane access controlled Greenfield Highway of Shamli to Ambala Section from K.m Ch. 0+000 to Km Ch. 120+970(Total length: 120.970 Km) in the states of Uttar Pradesh, Haryana & Punjab under Bharatmala Pariyojana Phase II(Lot-9/Package-I).

Forest Area = 0.477 Hect.

Details of degraded forest land/non-forest land where C.A. is to be carried out.

Division :- Karnal District :- Karnal
Tehsil:- Indri Range :- Indri

C.A. Site name : Yamuna Bandh RD 23-50 .

Afforested :- 0.954 Hec.(954 plants TP)

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):-
No, the site selected for compensatory Afforestation is not a land bank. It is a Protected Forest land.
- b) If the CA site is other than the land bank, reasons be given:- There is no land available in the land bank in Karnal. Plantation will be carried out in Protected Forest area.
- c) In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :- C.A. will be carried out in Protected Forest area.
 - i) Soil type: Sandy Loam
 - ii) Topography a. Hilly/Undulating/Plain: Plain
b. Slope:-Steep/Medium/Gentle: Gentle
 - iii) Whether the area is bearing any root stock of vegetation:- No

Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing physical and financial break up is as under:

1. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-

The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate inclusion with 10% per year future maintenance cost Norms

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 395/- Per Plant
2 nd Year maintenance	Rs. 138/- Per Plant
3 rd Year maintenance	Rs. 55/- Per Plant
4 th Year maintenance	Rs. 22/- Per Plant
5 th Year maintenance	Rs. 24/- Per Plant
6 th Year maintenance	Rs. 26/- Per Plant
7 th Year maintenance	Rs. 27/- Per Plant
8 th Year maintenance	Rs. 28/- Per Plant
9 th Year maintenance	Rs. 30/- Per Plant
10 th Year maintenance	Rs. 32/- Per Plant
Total	

Area to be Diverted :- 0.477 ha.

No. of trees to be felled :- 61

Plants to be damaged:- 0

Plants to be planted (Ten time of the trees to be felled): NA

Area to be Planted for CA = $0.477 \times 2 = 0.954$ ha @ 1000 plant per ha. = 954 plants

Area to be Planted for ACA= NA

Minimum Plants to be Planted: - (CA)954 Plants

CA RKM $954/250 = 3.816$ RKM

Sr. No.	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	954 Plants	Rs. 395/- Per Plant	376830
	(2) 2 nd Year maintenance		Rs. 138/- Per Plant	131652
	(3) 3 rd Year maintenance		Rs. 55/- Per Plant	52470
	(4) 4 th Year maintenance		Rs. 22/- Per Plant	20988
	(5) 5 th Year maintenance		Rs. 24/- Per Plant	22896
	(6) 6 th Year maintenance		Rs. 26/- Per Plant	24804

	(7) 7 th Year maintenance		Rs. 27/- Per Plant	25758
	(8) 8 th Year maintenance		Rs. 28/- Per Plant	26712
	(9) 9 th Year maintenance		Rs. 30/- Per Plant	28620
	(10) 10 th Year maintenance		Rs. 32/- Per Plant	30528
	Supervisory / Overhead / Miscellaneous Charges		10% of the CA charges	74126
	Total CA			815384
	Barbed wire fencing charge			763200
	Sub Total (A)			1578584
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	0	Rs. 395/- Per Plant	0
	(2) 2 nd Year maintenance		Rs. 138/- Per Plant	0
	(3) 3 rd Year maintenance		Rs. 55/- Per Plant	0
	(4) 4 th Year maintenance		Rs. 22/- Per Plant	0
	(5) 5 th Year maintenance		Rs. 24/- Per Plant	0
	(6) 6 th Year maintenance		Rs. 26/- Per Plant	0
	(7) 7 th Year maintenance		Rs. 27/- Per Plant	0
	(8) 8 th Year maintenance		Rs. 28/- Per Plant	0
	(9) 9 th Year maintenance		Rs. 30/- Per Plant	0
	(10) 10 th Year maintenance		Rs. 32/- Per Plant	0
	Barbed wire fencing charge			0
	Sub Total (B) Total Addl. C.A. Charges			0
C	Penal C.A.			0
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the CA	0
	Sub Total (D)			0
E	Safety Zone			0
F	Additional Charges			
	Digital Demarcation Charges (approx)			0
			
	Sub Total (F)			0
G	Plantation damage charges = Not app		Rs. 236/- per plant	0
	GRAND TOTAL (A+B+C+D+E+F+G) to be deposited in CAMPA Fund			1578584

2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) **General Detail :-** Compensatory Afforestation will be carried out along With,
Yamuna Bandh RD 23-50
- b) **Spacing :-** 4m x 2½mtr a Part
- c) **Species :-** Neem & Shisham, Jamun/Jamoa etc.
- d) **Plantation method :-** Tall Plantation
- e) **Soil and Moisture Conservation Works :-** -Nil-
- f) **Protection (Fencing, Watch man, People's, Participation etc) :-** Fencing
- g) **Proposed Monitoring Mechanism :-** Checking of Plantation work will be done by
RFO, DCF, CF&DCF (M&E)
- h) **Any other information :-** Nil

Place:- Karnal


Divisional Forest Officer,
Divisional Forest Office,
Karnal Forest Division
KARNAL

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File No- FP/HR/ROAD/153630/2022.

NPV to be deposit

<u>Name of Division & Distt.</u>	:	Karnal
<u>Area to be diverted</u>	:	0.477 ha.(Karnal)
<u>Total Trees to be felled</u>	:	61 no.
<u>Total Plants to be damaged</u>	:	0 no.
<u>Density of Vegetation</u>	:	0.1
<u>ECO Class</u>	:	III
<u>Rate of NPV@</u>	:	957780/-
<u>Total Cost of NPV</u>	:	0.477 x 957780
	=	456862/-

Place:- Karnal

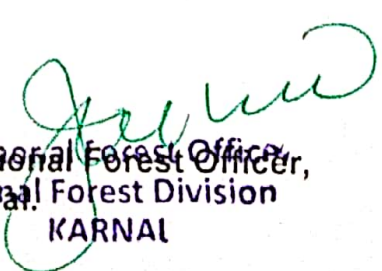

Divisional Forest Officer,
Karnal Forest Division,
Karnal.
KARNAL

Full Title of the Project : Diversion of 0.477 hec. of forest land used only for development of 6 lane access controlled Greenfield Highway of Shamli to Ambala Section from K.m Ch. 0+000 to Km Ch. 120+970(Total length: 120.970 Km) in the states of Uttar Pradesh, Haryana & Punjab under Bharatmala Pariyojana Phase II(Lot-9/Package-I).
File No- FP/HR/ROAD/153630/2022.

Felling Charges

<u>Name of Division & Distt.</u>	:	Karnal
<u>Area to be diverted</u> (Karnal Division)	:	0.477 ha.
<u>Total Trees to be felled</u>	:	61 no.
<u>Total Plants to be damaged</u>	:	00 no.
<u>Tree Felling Volume in m3</u>	:	37.24m3
<u>Rate of Felling @</u>	:	1400/-
<u>Total Charges of Felling</u>	:	37.24 x 1400
	=	52136/-

Place:- Karnal


Divisional Forest Officer,
Karnal Forest Division
KARNAL

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File No-

FP/HR/ROAD/153630/2022.

Amount to be deposit

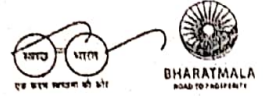
<u>CA amount to be deposit</u>	:	1578584
<u>NPV amount to be deposit (Karnal Division)</u>	:	456862
<u>Felling charges to be deposit</u>	:	52136
<u>Total amount to be deposit (Karnal Division)</u>	:	2087582/-

Place:- Karnal


Divisional Forest Officer,
Karnal Forest Division
KARNAL

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
NATIONAL HIGHWAYS AUTHORITY OF INDIA

(Ministry of Road Transport and Highways, Govt. of India)
Project Implementation Unit-Ambala / परियोजना कार्यान्वयन इकाई, अम्बाला
16, Prem Nagar, Ambala City-134003, Haryana
16, प्रेम नगर, अम्बाला शहर-134003, हरियाणा
दूरभाष/Phone:-0171-2520361 ; ई-मेल/Email :-amb@nhai.org & piuambala@gmail.com



16002/Shamli-Ambala/NHAI/AMB/129

17.04.2023

To

District Forest Officer,
Karnal, Haryana.

District Forest Officer,
Kurukshetra, Haryana.

District Forest Officer,
Yamuna Nagar, Haryana.

District Forest Officer,
Ambala, Haryana.

Sub:- Development of 6 lane access-controlled Highway from Shamli to Ambala in the State of Haryana and Uttar Pradesh: -Reg.(Online Proposal No.: FP/HR/ROAD/153630/2022): Clarification/ replies of EDS.

Ref:- Online EDS dated 28.03.2023 on Parivesh Portal.

Sir,

This is with reference to online EDS dated 06.04.2023 raised by IRO, MoEF&CC, Chandigarh regarding Forest Proposal for diversion of 3.7381 ha forest land in the project mentioned under subject above.

2. In this regard, point-wise clarifications/ replies are hereby submitted for your consideration and further necessary action at your end for early grant of Forest Clearance under section 2 of FCA, 1980:

S.N.	Observations/ EDS raised by Forest Department	Clarifications/ reply of User Agency i.e. NHAI
1.	In part-I, B.2.3 village wise breakup of non-forest land is not uploaded for all villages due to this non forest land calculated as 218.4091 instead of 354.4619 as uploaded under B-2.4 and it needs to be corrected.	Corrected village wise breakup of non-forest land has been uploaded in the portal for all villages i.e. 354.4619 Ha.
2.	In the area calculation sheet, uploaded in part-1 at Sn. 01 & 12, area calculation for Yamuna Nagar is given as 0.939 ha, instead of 1.0222 ha. and needs to be correctly uploaded.	Corrected area calculation sheet for 1.0222 Ha land in Yamuna Nagar district has been correctly and accordingly uploaded.
3.	NOC or Undertaking to submit NOC from Railway and Irrigation department.	NoC from Irrigation, Railway Department is under process. However, Undertaking regarding NoC from Irrigation, Railway Department has been uploaded under Additional Information on Parivesh Portal, and the same is enclosed for reference.

Contd.2/-

16002/Shamli-Ambala/NHAI/AMB/129

dated 17.04.2023

4.	Approval of the Competent Authority for the instant project is not submitted.	Copy of Approval accorded by competent authority vide OM dated 17.05.2022 is enclosed herewith for ready reference please.
5.	Linear plan clearly showing the component-wise and dimension-wise forest as well as non-forest area required in distinct color has not been submitted. Hence, same needs to be submitted duly counter signed by DFO concerned needs to be submitted.	Linear plan showing component-wise and dimension-wise forest as well as non-forest area in distinct color is submitted and enclosed for ready reference please.

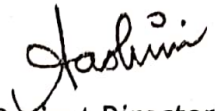
3. Further, it has to be submitted that observation raised at para 2 (iv), (v) & (viii) by IRO, MoEF & CC, Chandigarh vide file no. 9-HRB039/2023-CHA dated 06.04.2023 pertains to Forest Department and same may be replied accordingly.

4. In view of above, it is requested to process the proposal at your end for early obtaining the forest clearance so that, the project can be implemented on time.

Encls: As above.

FCR
18/4/23

Yours faithfully,


Project Director
NHAI, PIU-Ambala

Copy to:

(i) Nodal Officer, Panchkula, Haryana: for information and necessary action please.

PROJECT NAME: Development of 6 Lane Access Controlled Greenfield Highway of Shamil - Ambala Sec. from Km Ch. 0+000 to Km Ch. 120+970 (Total length: 120.970 km) in the States of Uttar Pradesh, Haryana & Punjab under Bharatmala Pariyojana Phase II (Lot- 9/Package-I).

UNDERTAKING OF NOC FROM DEPARTMENTS

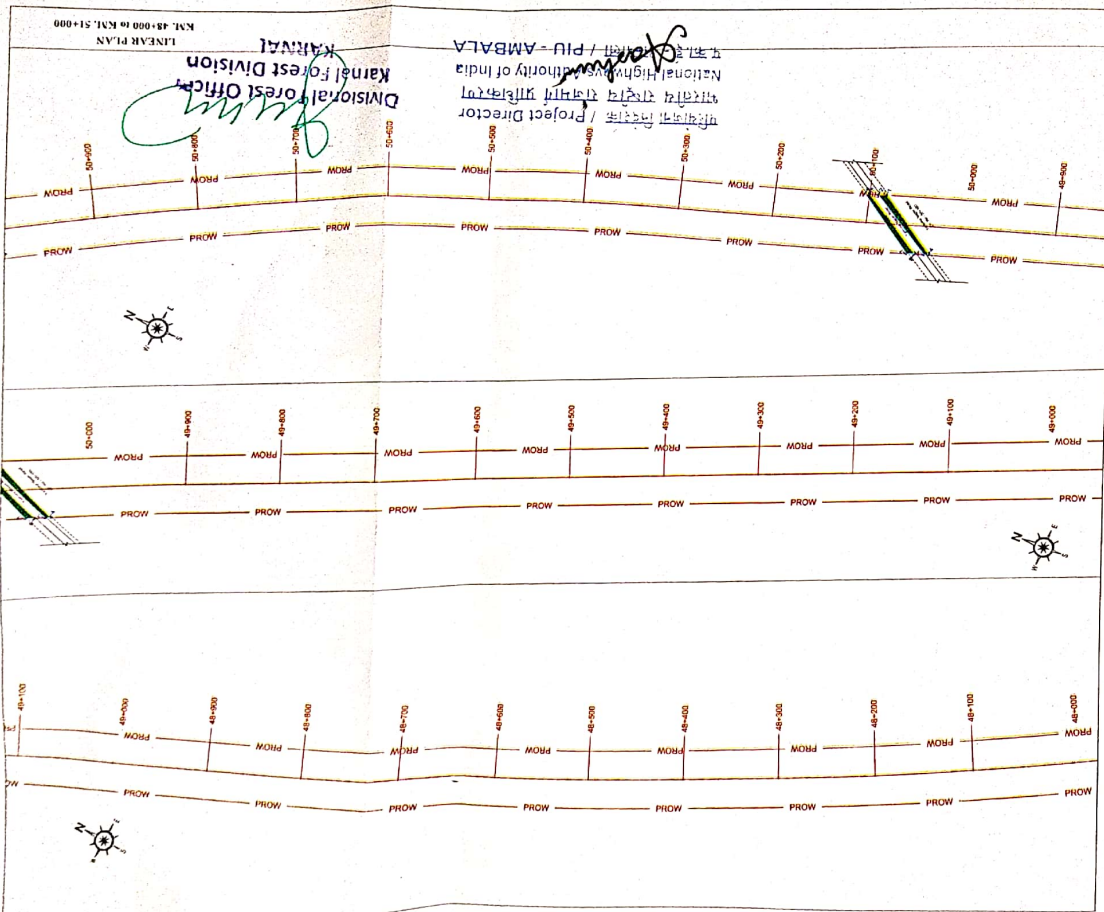
This is to certify that as the project road alignment namely " Development of 6 Lane Access Controlled Greenfield Highway of Shamil - Ambala Sec. from Km Ch. 0+000 to Km Ch. 120+970 (Total length: 120.970 km) in the States of Uttar Pradesh, Haryana & Punjab under Bharatmala Pariyojana Phase II (Lot- 9/Package-I) shall undertake to take entire NOC from Irrigation, Railway and other respective departments in the state of Haryana.



Signature of User Agency
परियोजना निदेशक / Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प.का.ई. - अम्बाला / PIU - AMBALA

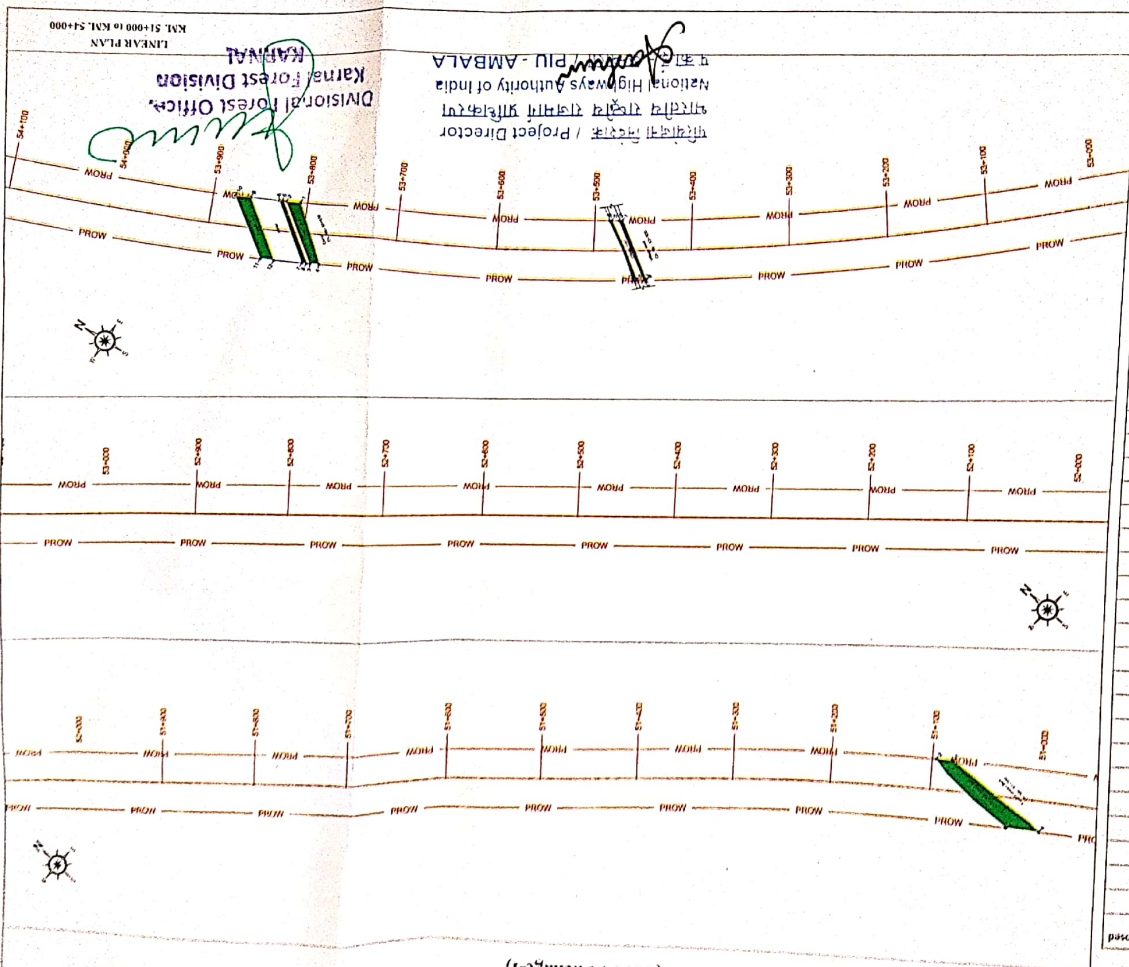
for Division of 3.7381 Ha. in (2.2099 Ha. of Ambala, 1.0222 Ha. Yamuna nagar, 0.029 Ha. of Kurukshetra 0.477 Ha. of Karnal) of Forest Land for
 rent of 6 Lane Access Controlled Highway of Shamli- Ambala Sec. from Km Ch. 0+000 to Km Ch. 120+970 (Total Length : 120.970 km) in the
 of Uttar Pradesh, Haryana & Punjab under Bharatmala Phase II (Lot-9 / Package-I)

Sl. No.	Area (Ha)	Challage	Total Proposed
1.	50+100	0.081	0.081
2.	51+100	0.175	0.175
3.	53+500	0.028	0.028
4.	53+630	0.193	0.193
5.	54+750	0.165	0.165
6.	54+750	0.0252	0.0252
7.	59+000	0.21	0.21
8.	59+900	0.0372	0.0372
9.	61+000	0.42	0.42
10.	62+000	0.0248	0.0248
11.	64+600	0.140	0.140
12.	72+300	0.029	0.029
13.	76+300	0.029	0.029
14.	77+750	0.019	0.019
15.	78+900	0.017	0.017
16.	81+000	0.078	0.078
17.	82+471	0.221	0.221
18.	85+600	0.065	0.065
19.	85+955	0.194	0.194
20.	90+200	0.124	0.124
21.	91+550	0.096	0.096
22.	93+450	0.9789	0.9789
23.	95+200	0.086	0.086
24.	99+650	0.057	0.057
25.	100+525	0.262	0.262
TOTAL		3.7381	3.7381



Project Director
 National Highway Authority of India
 Divisional Forest Officer
 Karnal Forest Division
 KARNAL

Sl. No.	Plot	Chamage	Total Proposed Area (Ha)
1	Karnal	50+190	0.081
2	Karnal	51+100	0.175
3	Karnal	53+550	0.028
4	Karnal	53+830	0.103
5	Varnashtagar	54+250	0.0262
6	Varnashtagar	54+750	0.165
7	Varnashtagar	59+000	0.21
8	Varnashtagar	59+900	0.0372
9	Varnashtagar	61+650	0.42
10	Varnashtagar	62+000	0.0248
11	Varnashtagar	64+000	0.140
12	Karnashtagar	72+300	0.029
13	Ambala	76+300	0.070
14	Ambala	77+750	0.019
15	Ambala	78+600	0.017
16	Ambala	81+000	0.078
17	Ambala	82+471	0.221
18	Ambala	85+000	0.065
19	Ambala	85+905	0.194
20	Ambala	90+200	0.124
21	Ambala	91+550	0.090
22	Ambala	93+450	0.9789
23	Ambala	95+200	0.086
24	Ambala	99+850	0.057
25	Ambala	100+525	0.202
TOTAL			3.7381



a for Division of 3.7381 Ha. in (2.209 Ha. of Ambala, 1.0222 Ha. Yammuna nagar, 0.029 Ha. of Kurukshetra 0.477 Ha. of Karnal) of Forest Land for
 gent of 6 Lane Access Controlled Highway of Shantli-Ambala Sec. from Km Ch. 0+000 to Km Ch. 120+970 (Total Length : 120.970 km) in the
 of Uttar Pradesh, Haryana & Punjab under Bharatmala Pariyojana Phase II (Lot-9 / Package-I)