

GOVERNMENT OF NCT OF DELHI
DEPARTMENT OF FORESTS & WILDLIFE
OFFICE OF DEPUTY CONSERVATOR OF FORESTS(SOUTH)
NEAR DR. KARNI SINGH SHOOTING RANGE
TUGHLAKABAD, NEW DELHI- 110044.

F. No. 19/DCF(S)/FC/NHAI/ 2020-21/ 16127-28

Dated: 18/03/21

To,

The Chief Conservator of Forests,
Department of Forests and Wildlife,
GNCTD, 2nd Floor, A –Block,
Vikas Bhawan, I.P. Estate,
New Delhi-110002.

Sub: Regarding the Diversion of 35.16 Ha of forest land for Construction of 6 Lane access controlled Highway from DND Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Pkg-1) in state of Delhi.

Ref: Letter no. 8B/Delhi/06/02/2021/86

dated: 12/03/2021.

Sir,

Please find enclosed herewith a point wise reply of EDS raised vide letter mentioned above on Parivesh Portal for the Proposal no. FP/DL/Road/48557/2020. The reply is as follows:

Sl. No.	Observations	Compliances
1	Approval letter of competent authority/sanction letter of the project needs to be provided	The copy of approval letter for the project is attached herewith as Annexure - 1(a), 1(b), 1(c) and 1(d)
2	Except Irrigation Department, No objection certificates of concerned departments need to be provided.	NOC from PWD Delhi and DMRC is attached herewith as Annexure – 2(b) and 2(c). the directions of Honble NGT is placed at Annexure – 2(a).
3	Number of trees proposed for felling is varying in Part-II and enumeration list attached. In Part-II, it is mentioned as 9610 trees and in enumeration list 10371 trees are proposed for felling need to be clarified.	Species wise complete enumeration of trees in the proposed area is enclosed herewith as Annexure – 3. It is to submit that list of additional 761 trees for which species name was not available, has been given in additional information in Part- II.
4	Detailed muck calculation and muck disposal scheme as approved by concerned DFO needs to be submitted.	The alignment is over embankment therefore there is no generation of muck. Accordingly the muck disposal calculation and muck disposal scheme is not required. The certificate for no muck generation and disposal was already submitted. The copy of same is again

2

		attached herewith as Annexure 4.
5	Details of existing ROW, proposed ROW and land width (ROW) availability for road side plantation need to be submitted.	Initially, NHAI informed that proposed ROW is same as existing ROW and no area is available for road side plantation. The detail is attached as Annexure – 5. However, an EDS was raised vide letter no. F. No. 19/DCF(S)/FCA/NHAI/ 2020-21/14872 Dated: 17/03/2021 against this point no. 5 to UA and the Corrected reply was forwarded by UA vide Letter no NHAI/CMU/MTR/DND/F-60/2020/D-61322 Dated: 18.03.2021(attached as Annexure- 6) wherein area was identified for plantation of Shrubs and same should be done by NHAI (Area calculation for same has been enclosed as Annexure - 7
6	Cost benefit analysis needs to be submitted.	Cost benefit analysis was already submitted with the proposal. The copy of same is again attached herewith as Annexure 8.
7	Net Present Value (NPV) calculation needs to be submitted.	Net Present for value for Eco- Class –III is Rs. 8.87 lakhs per Ha which comes to be Rs. 3,11,86,920.00. Enclosure attached as Annexure –9.
8	In Part-II DFO has indicated that the area proposed for diversion is Reserve Forest, while in statement of forest area proposed for diversion the status is mentioned as Protected Forest, though it needs to be certified by concerned DFO.	The area of 35.16 Ha proposed for diversion of Forest Land falls for the Proposal No. FP/DL/Road/48557/2020 is a part of Notified Protected Forest as Notification 1954 copy enclosed as Annexure –10. Option of Reserve forest has been inadvertently selected and same has been corrected on portal.
9	Area calculation sheet needs to be certified by concerned DFO.	Area calculation sheet is enclosed herewith as Annexure – 11.
10	In Part-II density of vegetation is mentioned as 295, this needs rectification.	The canopy Density of vegetation is 0.75 for most existing vegetation.
11	Original SOI toposheet demarcating area proposed for diversion and area proposed	The survey of India toposheet demarking area proposed for diversion and area

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	for CA needs to be provided.	proposed for CA was already submitted. The copy of same is again attached herewith as Annexure 12 (a) & 12 (b)
12	From the kml file of proposed route the area seems to be close to Kalindi Bird Sanctuary. If it is passing through Eco-Sensitive Zone of sanctuary then comments of CWLW of the State needs to be furnished.	Please refer gazette notification by MOEF & CC S.O 2499(E) dated 24.09.2014 of Govt of India vide which provide the coordinates of prominent points of the outer boundary of Eco-sensitive zone around Okhla Bird Sanctuary, Uttar Pradesh & NCT of Delhi. These coordinates are super imposed with the proposed alignment on the google map and same has been attached herewith as Annexure 13 (a) and 13 (b). It is evident from the map that proposed route lies outside the eco-sensitive zone of Kalindi Bird Sanctuary.
13	Geo reference map of CA land is not clearly visible and it is not in standard format, it needs to be rectified.	The copy of Geo reference map of CA land is again provided as Annexure 14(a) and 14-(b)

Copy to:

1. PS to The Principal Chief Conservator of Forests/HOD, Department of Forests and Wildlife, GNCTD, 2nd Floor, A –Block, Vikas Bhawan, I.P. Estate, New Delhi-110002, for kind information.

Dy. Conservator of Forests
South Forest Division

Dy. Conservator of Forests
South Forest Division



भारत सरकार
Government of India
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest & Climate Change
एकीकृत क्षेत्रीय कार्यालय, जयपुर
Integrated Regional Office, Jaipur

कार्य कार्यालय: केन्द्रीय भवन, पञ्चम मं, क्षेत्र-ए, अन्तरिम, भवन-226024
Camp Office, Kendriya Bhawan, 5th Floor, Section-11, Aligarh, Lucknow-226024, India
Email: roc2.koo-met@gov.in, goimetro@koo2@gmail.com

पत्र सं० 8बी/दिल्ली/06/02/2021/86

दिनांक: 12.03.2021

सेवा में,

प्रधान मुख्य वन संरक्षक
वन एवं वन्यजीव विभाग, ए-ब्लाक, द्वितीय तल,
विकास भवन, आईपीओ इस्टेट, नई दिल्ली-110002

Online Proposal No: FP/DI/Road/48557/2020

विषय: Proposal for diversion of 35.16 ha. Reserved forest land for construction of 6 lane access controlled Highway from DND-Faridabad-Ballabhgarh Bypass junction with Delhi-Vadodara Expressway KMP-Interchange (NH-148 NA) under Bharatmala Pariyojna by NHAI-reg.

सन्दर्भ: आपका पत्रांक 09/FCA/NHAI/2020-21/10898-10901, दिनांक 17-02-2021.

महोदय,

उपरोक्त विषयक संदर्भित पत्र का आशय ग्रहण करने का कष्ट करें जिसके माध्यम से राज्य सरकार द्वारा विषयांकित प्रस्ताव पर केन्द्र सरकार से वन [संरक्षण] अधिनियम, 1980 की धारा(2) के तहत स्वीकृति माँगी गयी है।

प्रस्तुत प्रस्ताव पर विचारोपसन्न मुझे यह सूचित करना है कि निम्न बिन्दुओं पर आवश्यक सूचना शीघ्रातिशीघ्र प्रस्तुत करें ताकि अग्रिम प्रस्ताव में कार्रवाई सुनिश्चित की जा सके:-

1. Approval letter of competent authority/sanction letter of the project needs to be provided.
2. Except Irrigation Department, No objection certificates of concerned departments need to be provided.
3. Number of trees proposed for felling is varying in Part-II and enumeration list attached. In Part-II, it is mentioned as 9610 trees and in enumeration list 10371 trees are proposed for felling need to be clarified.
4. Detailed muck calculation and muck disposal scheme as approved by concerned DFO needs to be submitted.
5. Details of existing ROW, proposed ROW and land width (ROW) availability for road side plantation need to be submitted.
6. Cost benefit analysis needs to be submitted.
7. Net Present Value (NPV) calculation needs to be submitted.
8. In Part-II DFO has indicated that the area proposed for diversion is Reserve Forest, while in statement of forest area proposed for diversion the status is mentioned as Protected Forest, though it needs to be certified by concerned DFO.
9. Area calculation sheet needs to be certified by concerned DFO.
10. In Part-II density of vegetation is mentioned as 295, this needs rectification. 0.25
11. Original SOI topsheet demarcating area proposed for diversion and area proposed for CA needs to be provided.
12. From the kml file of proposed route the area seems to be close to Kalindi Bird Sanctuary. If it is passing through Eco-Sensitive Zone of sanctuary then comments of CWLW of the State needs to be furnished.
13. Geo reference map of CA land is not clearly visible and it is not in standard format, it needs to be rectified.

भवदीया,

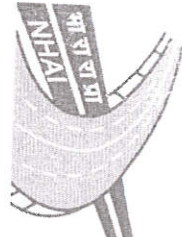
(प्राची गंगवार)

उप वन महानिरीक्षक (केन्द्रीय) /
क्षेत्रीय अधिकारी, जयपुर

तिलिपि : (ई-मेल द्वारा)

1. प्रमुख सचिव (पर्याप्त एवं वन), दिल्ली राज्य सरकार, छठवा स्तर, सी-अनुभाग, दिल्ली सचिवालय, आईपीओ इस्टेट, नई दिल्ली-110002.
2. उप वन महानिरीक्षक(दक्षिण), नियर डॉन कर्पी सिंह शूटिंग रेंज, नई दिल्ली-110044.
3. चीफ प्रोजेक्ट मैनेजर(दिल्ली), नेशनल हाइवे अथॉरिटी ऑफ इण्डिया, कॉरिडोर मैनेजमेंट यूनिट-मथुरा, प्लॉट नं० 8, नियर सराय टोल प्लाजा बिल्डिंग, मथुरा रोड, फरीदाबाद-121003.
4. पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, एकीकृत क्षेत्रीय कार्यालय, लखनऊ को वेबसाइट पर अपलोडिंग हेतु/आदेश पत्रावली।

उप वन महानिरीक्षक [केन्द्रीय]
क्षेत्रीय अधिकारी, जयपुर



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
परियोजना गलियारा इकाई-मथुरा (फरीदाबाद)
लॉट सं० ८, टोल प्लाजा भवन के समीप, मथुरा रोड, फरीदाबाद-121003

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)
Corridor Management Unit - Mathura (At Faridabad)
Plot No.8, Near Sarai Toll Plaza Building, Mathura Road Faridabad - 121003

संलग्न
मार्ग

NHAI/CMU/MTR/F-60 DND(Forest Delhi)/2021/D-61245

To,

Dated: 16.03.2021

The Deputy Conservator of Forest,
South Forest Division,
Near Dr. Karni Singh Shooting Range,
Tughlaqabad, New Delhi – 110044
E-mail Id – dcfsouthdelhi@gmail.com

Sub: Proposal for diversion of 35.16 ha. Reserved forest land for construction of 6 lane

access controlled Highway from DND-Faridabad – Ballabgarh Bypass junction with Delhi-Vadodara Expressway KMP – Interchange (NH-148 NA) under Bharatmala Pariyojna by NHAI.

Ref: (i) Integrated Regional Officer, Jaipur, Ministry of Environment, Forest and Climate Change letter no. 8B/Delhi/06/02/2021/86 dated 12.03.2021.
(ii) Proposal No. FP/DL/Road/48557/2020.

Sir,

Please refer to the integrated RO Jaipur, MOEF & CC letter at reference (i) vide which certain information has been asked by integrated. RO Jaipur pertaining to the proposal at reference (ii). The point wise reply to the information pertaining to this office is as under:-

Sl. No.	Observations	Compliances
1	Approval letter of competent authority/sanction letter of the project needs to be provided	The copy of approval letter for the project is attached herewith as Annexure - 1(a), 1(b), 1(c) and 1(d)
2	Except Irrigation Department, No objection certificates of concerned departments need to be provided.	NOC from NGT, PWD Delhi and DMRC is attached herewith as Annexure – 2(a), 2(b) and 2(c)
3	Number of trees proposed for felling is varying in Part-II and enumeration list attached. In Part-II, it is mentioned as 9610 trees and in enumeration list 10371 trees are proposed for felling need to be clarified.	The information/rectification may please be provided from your end.
4	Detailed muck calculation and muck disposal scheme as approved by concerned DFO needs to be submitted.	The alignment is over embankment therefore there is no generation of muck. Accordingly the muck disposal calculation and muck disposal scheme is not required. The certificate for no muck generation and disposal was already submitted. The copy of same is again attached herewith as Annexure 3
5	Details of existing ROW, proposed ROW and land width (ROW) availability for road side plantation need to be submitted.	The existing ROW is varying in width and proposed ROW is same as existing ROW. Therefore, is no availability of ROW for road side plantation. The detail is attached as Annexure - 4



Building a Nation, Not Just Roads/ सड़कें ही नहीं राष्ट्र का भी निर्माण

(हम हिन्दी में पत्राचार का स्वागत करते हैं)

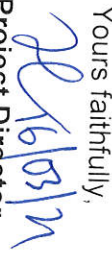
Corporate Office: G-586, Sector-10, Dwarka, New Delhi - 110075
निगमित कार्यालय: जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली-110075



6	Cost benefit analysis needs to be submitted.	Cost benefit analysis was already submitted with the proposal. The copy of same is again attached herewith as Annexure 5.
7	Net Present Value (NPV) calculation needs to be submitted.	The Net Present Value (NPV) calculation may please be provided at your end.
8	In Part-II DFO has indicated that the area proposed for diversion is Reserve Forest, while in statement of forest area proposed for diversion the status is mentioned as Protected Forest, though it needs to be certified by concerned DFO.	The necessary rectification, if required may please be carried out at your end.
9	Area calculation sheet needs to be certified by concerned DFO.	The necessary clarification on area calculation may please be provided from your end.
10	In Part-II density of vegetation is mentioned as 295, this needs rectification.	Density of vegetation in Part-II may please be rectified at your end.
11	Original SOI toposheet demarcating area proposed for diversion and area proposed for CA needs to be provided.	The survey of india toposheet demarking area proposed for diversion and area proposed for CA was already submitted. The copy of same is again attached herewith as Annexure 6(a) & 6(b)
12	From the kmf file of proposed route the area seems to be close to Kalindi Bird Sanctuary. If it is passing through Eco-Sensitive Zone of sanctuary then comments of CWLW of the State needs to be furnished.	Please refer gazette notification by MOEF & CC S.O 2499(E) dated 24.09.2014 of Govt of India vide which provide the coordinates of prominent points of the outer boundary of Eco-sensitive zone around Okhla Bird Sanctuary, Uttar Pradesh & NCT of Delhi. These coordinates are super imposed with the proposed alignment on the google map and same has been attached herewith as Annexure 7(a) and 7(b). It is evident from the map that proposed route lies outside the eco-sensitive zone of Kalindi Bird Sanctuary.
13	Geo reference map of CA land is not clearly visible and it is not in standard format, it needs to be rectified.	The copy of Geo reference map of CA land is again provided as Annexure 8(a) and 8(b)

In view of above, it is requested to submit compliance of the remaining point from your end after incorporative in the information/clarification provided above at the earliest because the subject project is highly essential for the development of the reason and completion of the project will definitely help in reducing air pollution in Delhi NCR by removing traffic congestion.

Encl: As above

Yours faithfully,

Project Director
CMU- Mathura

Copy to: (i) Integrated Regional Office, Jaipur, Ministry of Environment, Forest and Climate Change, Camp Office, Kendriya Bhawan, 5th Floor, Sector-11, Aliganj, Lucknow-226024
Email Id: roc2.lko-mcf@gov.in, goimofrolko@gmail.com
(ii) The Regional Officer, NHAI HQ, New Delhi for information please.
(iii) M/s SA Infrastructure Consultants Pvt. Ltd., 1101A, 11th Floor, Tower A-II, Corporate Park, Plot No. 7A/1, Sector-142, Noida-201301 for information please.

Government of India
Ministry of Road Transport & Highways
 (BP & SP Cell)
 Transport Bhawan, 1, Parliament Street, New Delhi-110001

To,

The Chairman,
 National Highways Authority of India,
 G-5 & 6, Sector-10, Dwarka,
 New Delhi - 110075

[Kind Attention: (i) Shri Rohin Kumar Gupta, GM (T); (ii) Shri Akhil Khare, GM (T);
 (iii) Shri V.K. Joshi, GM (T).]

Sub: Administrative and Financial Approval of 04 nos. project proposals recommended by Standing Finance Committee (SFC) under the Chairmanship of Secretary (RT&H) during the meeting held on 11.05.2020 in Transport Bhawan, New Delhi-reg.

Sir,

This is in reference to the SFC Meeting held on 11.05.2020 under the Chairmanship of Secretary (RT&H) wherein 04 nos. project proposals were recommended.

2. The approval of Competent Authority is hereby conveyed for implementation of the following 04 nos. project proposals (as recommended by SFC in the meeting held on 11.05.2020) to be executed on Hybrid Annuity Mode under Bharatmala Pariyojana subject to the conditions that NHAI would strictly comply with conditions/decisions/recommendations stipulated in the minutes of SFC meeting held on 11.05.2020:

Sr. no.	Project	Length (in km)	Civil Cost (Rs. in Crores)	Estimated Cost [Civil cost+Cost centages] (Rs. in Crores)	Total Capital Cost (Rs. in Crores)
(i)	Construction of 6-lane access controlled DND Maharani Bagh to Junction with Jaipur-Pushta Road Section of NH-148NA (Design Ch. 0+000 to 9+000) on Hybrid Annuity Mode under Bharatmala Pariyojana Phase-I (Package-I).	9.00	1354.71	1421.97	1467.44
(ii)	Construction of 8-lane Vadodara-Mumbai Expressway (Phase-Ib) from km 190.000 to Km 217.500 (Gandeva to Ena Section) on Hybrid Annuity mode under Bharatmala Pariyojana Phase-I in the State of Gujarat (Package-VII).	27.50	1072.23	1129.30	1710.30
(iii)	Upgradation of Gurgaon-Pataudi-Rewari section of NH-352W from km 0.00 to km 43.87 as a feeder route on Hybrid Annuity Mode under Bharatmala Pariyojana in the state of Haryana.	46.11	675.59	708.93	1524.35 (expenditure of Rs. 388.80 Crores to be borne by

					GMDA/ Govt. of Haryana)
(IV)	4-laning of Moga to Bajakhana (Lambhwal) section of NH-105B (Greenfield Alignment) from design chainage km 0.000 to km 43.319 under Bharatmala Pariyojana in the State of Punjab on Hybrid Annuity Mode.	43.319	527.17	555.75	864.23

Yours faithfully,

Validity unknown
Digitally signed by MAHIPAL SINGH
Date: 2020.05.19 19:40:41 IST

(Mahipal Singh)
Assistant Executive Engineer (BP&SP)

Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

Government of India
Ministry of Road Transport & Highways

(BP & SP Cell)
Transport Bhawan, 1, Parliament Street, New Delhi-110001

To,

The Chairman,
National Highways Authority of India,
G-5 & 6, Sector-10, Dwarka,
New Delhi - 110075

[Kind Attention: Shri Rohin Gupta, GM (T)]

Sub: Administrative and Financial Approval of 02 nos. project proposals recommended by Standing Finance Committee (SFC) under the Chairmanship of Secretary (RT&H) during the meeting held on 15.05.2020 in Transport Bhawan, New Delhi-reg.

Sir,

This is in reference to the SFC Meeting held on 15.05.2020 under the Chairmanship of Secretary (RT&H) wherein 02 nos. project proposals were recommended.

2. The approval of Competent Authority is hereby conveyed for implementation of the following 02 nos. project proposals (as recommended by SFC in the meeting held on 15.05.2020) to be executed on Hybrid Annuity Mode under Bharatnala Pariyojana subject to the conditions that NHAI would strictly comply with conditions/decisions/recommendations stipulated in the minutes of SFC meeting held on 15.05.2020:

Sr. no.	Project	Length (in km)	Civil Cost (Rs. in Crores)	Estimated Project Cost [civil cost+ centages] (Rs. in Crores)	Total Capital Cost (Rs. in Crores)
(i)	6-lane access controlled Highway from Junction with Jaipur-Pushta Road to Junction with Sector-62/65 dividing road on Faridabad-Ballabhgarh Bypass Section of NH-148NA including spur from Design Ch. 13+200 to Junction of Faridabad-Ballabhgarh Bypass with NH-19 near Badarpur Border in the State of Haryana and National Capital Territory of Delhi [Package-II of DND-Faridabad-Sohna road stretch].	25.375	1173.22	1225.34	1328.07
(ii)	8-lane access controlled expressway from km 26.582 to km 50.700 of Main Expressway and km 0.000 to 3.000 of	27.118	1807.70	1902.66	3517.60

Spur to JNPT (Shirsad (Virar) to Masvan section) of Vadodara-Mumbai Expressway in the State of Maharashtra [Package - XIII].				
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Yours faithfully,

Validly unknown
Digitally signed by MAHIPAL SINGH
Date: 2020.06.06 14:43:42 IST

(Mahipal Singh)
Assistant Executive Engineer (BP&SP)

Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

Government of India
Ministry of Road Transport & Highways
 (BP & SP Cell)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

To,

The Chairman,
 National Highways Authority of India,
 G-5 & 6, Sector-10, Dwarka,
 New Delhi - 110075

[Kind Attention: (i) Shri Rohin Kumar Gupta, GM (T); (ii) Shri Akhil Khare, GM (T);

(iii) Shri Rajneesh Kapoor, GM (T).]

Sub: Administrative and Financial Approval of 04 nos. project proposals recommended by Standing Finance Committee (SFC) under the Chairmanship of Secretary (RT&H) during the meeting held on 07.05.2020 in Transport Bhawan, New Delhi-reg.

Sir,

This is in reference to the SFC Meeting held on 07.05.2020 under the Chairmanship of Secretary (RT&H) wherein 04 nos. project proposals were recommended.

2. The approval of Competent Authority is hereby conveyed for implementation of the following 04 nos. project proposals (as recommended by SFC in the meeting held on 07.05.2020) to be executed on Hybrid Annuity Mode under Bharatmala Pariyojana subject to the conditions that NHAI would strictly comply with conditions/decisions/recommendations stipulated in the minutes of SFC meeting held on 07.05.2020:

Sr. no.	Project	Length (in km)	Civil Cost (Rs. in Crores)	Estimated Project Cost [civil cost+ centages] (Rs. in Crores)	Total Capital Cost (Rs. in Crores)
(i)	Construction of six lane access controlled Highway from Junction with Sector-62/65 dividing road on Faridabad- Ballabhgarh Bypass to Junction near KMP Expressway with NH-148N (Delhi- Vadodara Expressway) section of NH-148NA (Design Ch. 33+000 to 59+063) in state of Haryana (Package-III)	26.063	637.43	665.91	1,387.21
(II)	Construction of 8-lane Vadodara-Mumbai Expressway from km 217.500 to km 254.430 (Ena to Kim section) in the State of Gujarat (Package-VI)	36.93	1,448.82	1,526.86	2,271.90
(III)	Six laning of Thalapady to Chengala section of NH-17 (New NH-66) in the State of Kerala on Hybrid Annuity Mode under Bharatmala Pariyojana (Residual	39.00	1154.05	1224.46	1968.84

	NHDP).			
(IV)	Six laning of Jodhpur Romana (Bathinda) - MandiDabwali (Punjab/ Haryana Border) section of NH-54 from Design Ch. 0.000 to Design Ch. 27.400 (Design length 27.40 km) in the State of Punjab.	27.40	419.90	443.71
				757.13

Yours faithfully,

Validity unknown
Digitally signed by MAHIPAL SINGH
Date: 2020.05.19 19:39:06 IST

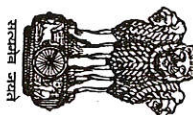
(Mahipal Singh)
Assistant Executive Engineer (BP&SP)

Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

Amended-266

राजिस्ट्री सं० डी० एल०-33004/99

REGD. NO. D. I. -33004/99



भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

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सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, 29 जनवरी, 2019

का.आ. 509(अ).—केन्द्रीय सरकार, राष्ट्रीय राजमार्ग अधिनियम, 1956 (1956 का 48) की धारा 2 की उप-धारा (2) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, निम्नलिखित तालिका के स्तम्भ (2) और (3) में विनिर्दिष्ट प्रत्येक राजमार्ग को राष्ट्रीय राजमार्ग घोषित करती है।

उक्त राजमार्गों, जिन्हें अब राष्ट्रीय राजमार्ग घोषित किया जाना है, को उक्त तालिका के क्रमशः स्तम्भ (1), (2) और (3) में यथा-निर्दिष्ट नई क्रम संख्याओं, नई राष्ट्रीय राजमार्ग संख्याओं तथा राष्ट्रीय राजमार्गों के चिह्नण के साथ उक्त अधिनियम की अनुसूची में विनिर्दिष्ट किया गया समझा जाएगा।

Project Director
Corridor Management Unit
National Highways Authority of India
(1) Mathura (at Faridabad)

581 GI/2019

तालिका

क्र. सं.	नई राष्ट्रीय राजमार्ग सं.	राष्ट्रीय राजमार्ग का विवरण
(1)	(2)	(3)
549	148एनए	हरियाणा राज्य में केएमपी एक्सप्रेसवे के निकट रारा-148एन के साथ अपने जंक्शन से प्रारंभ होकर कैल गांव, बल्लभगढ़, फरीदाबाद, कालिंदी कुंज, डीएनडी महारानी बाग के निकट न्यू अगारा कैनाल को जोड़ते हुए राष्ट्रीय राजधानी क्षेत्र, दिल्ली में सराय काले खां के निकट रारा-9 के साथ अपने जंक्शन पर समाप्त होने वाला राजमार्ग।

[फा.सं. एनएच-14012/27/2014-पी एंड एम(पार्ट-7)]

राजेश गुप्ता, उप सचिव

पाद टिप्पण : राष्ट्रीय राजमार्ग अधिनियम, 1956 (1956 का 48) की अनुसूची भारत के राजपत्र में प्रकाशित अधिमूचना संख्या का.आ. 689 (अ), दिनांकित 4 अप्रैल, 2011 द्वारा प्रतिस्थापित की गई थी और बाद में इसमें संशोधन अधिमूचना सं. का. आ. 6392(अ), दिनांकित 31.12.2018 द्वारा किया गया था।

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the 29th January, 2019

S.O. 509(E).— In exercise of the powers conferred by sub-section (2) of section 2 of the National Highways Act, 1956 (48 of 1956), the Central Government hereby declares each of the highways specified in columns (2) and (3) of the Table below to be a national highway.

The said highways, now declared to be national highways, shall be deemed to be specified in the Schedule to the said Act with the new serial numbers, the new national highways numbers and the description of the national highways thereof, as indicated in columns (1), (2) and (3) respectively, of the said Table.

Serial No.	New National Highway No.	Description of National Highways
(1)	(2)	(3)
549	148NA	The highway starting from its junction with NH-148N near KMP Expressway connecting Kail Gaon, Ballabhgarh, Faridabad in the State of Haryana. New Agra Canal near Kalindi Kunj, DND Maharani Bagh and terminating at its junction with NH-9 near Sarai Kale Khan in the UT of Delhi.

[F. No. NH-14012/27/2014-P&M(pt-7)]

RAJESH GUPTA, Dy. Secy.

Footnote : The Schedule to the National Highways Act, 1956 (48 of 1956) was substituted *vide* notification number S.O. 689 (E), dated 4th April, 2011 published in the Gazette of India, dated the 4th April, 2011 and subsequently amended *vide* notifications number S.O. 6392 (E), dated 31.12.2018.

Item No. 01

Court No. 1

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

M.A. No. 65/2019
In
Original Application No. 6/2012

Manoj Mishra	Applicant(s)
Union of India & Ors.	Respondent(s)
Versus	

(M.A. No. 65/2019 for seeking impleadment of NHAI in O.A. No. 6/2012 and directions)

Date of hearing: 12.07.2019

CORAM:
HON'BLE MR. JUSTICE ADARSH KUMAR GOEL, CHAIRPERSON
HON'BLE MR. JUSTICE S.P. WANGI, JUDICIAL MEMBER
HON'BLE MR. JUSTICE K. RAMAKRISHNAN, JUDICIAL MEMBER
HON'BLE DR. NAGIN NANDA, EXPERT MEMBER

For Applicant(s):
Ms. Kritika Shukla, Kshitez Kaushik, Advocate
for NHAI

M.A. No. 65/2019

ORDER

1. This order may be read in continuation of order dated 01.03.2019 on the subject of construction of elevated road along the right bank of Yamuna River for development of Delhi Noida Delhi Flyway, Kalindi Kunj - Agra Canal Faridabad Bypass-KMP road. In the said order, we noted that the Principal Committee constituted in terms of order of this Tribunal dated 13.01.2015 recommended approval of the proposal by safeguards of there being no construction within the river bed, with minimum effect on the flood plain and creation of vertical gardens on the pillars of the elevated road. It was noted that the project was on a pre-existing PWD road without affecting flood plain of the river.


Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

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2. The Committee constituted vide order dated 26.07.2018 has also recommended approval of the said project which is to be undertaken by the NHAI with the following mitigation measures:

1. The construction camp will be established outside the boundary of one in 25 years Yamuna River Flood Plains.
2. No dumping of construction material or construction waste will be done in the flood plains of the river Yamuna or adjoining water bodies. The waste will be transported to a DPCC approved site away from the floodplains.
3. A green belt of sufficient width, and comprising of trees/shrubs of thick foliage between the pillars all along the length will be created by the NHAI and maintained for a period of five years.
4. Excavated waste soil/slurry generated will also be removed and disposed of at a designated site.
5. Environmental monitoring in each season will be done during the construction phase under the supervision of the Faculty of the Department of Human Ecology of the Ambedkar University.
6. The band as it exists today will not be altered in its features except that it will be fortified wherever required as suggested by the Department of Irrigation & Flood Control of GNCTD.
7. The greenery around pillars already recommended by the Principal Committee will be maintained by NHAI. DDA will identify a suitable piece of land for parking leading to non-concretized pathways and preferably battery operated vehicular access to enable citizens to visit the wetlands.
8. The NHAI also undertook to take any additional measurements for protection of the environment besides strengthening the existing bond road for easy access to those wishing to visit the proposed Bio-diversity Park.

In view of above, we accept the recommendations of the Monitoring Committee and allow the said project to continue subject to the conditions suggested.

M.A. No. 65/2019 is disposed of.

Adarsh Kumar Goel, CP

S.P. Wangdi, JM



K. Ramakrishnan, JM

Dr. Nagin Nanda, EM

July 12, 2019
M.A. No. 65/2019 in
Original Application No. 6/2012
DV


Project Director
Corridor Management Unit
National Highways Authority of India
Maitura (at Faridabad)



	<p>कार्यालय मुख्य परियोजना प्रबन्धक (फ्लाईओवर) Office of Chief Project Manager (Flyover) सराये काले खौ, विपरीत आई.पी.पार्क, Sarai Kale Khan, Opp. Indraprastha Park, नई दिल्ली-110013, New Delhi-110013 E-mail: cpmpwddelhi2@gmail.com</p>	 <p>सह प्रबन्धक</p>
<p>No. 23 (52)/CPM (Flyover)/2018/ २३७ (६)</p>		<p>Date : ०७.12.2018</p>

To,

The Project Director
 CMU-Mathura
 National Highways Authority of India
 Plot No. 8, Near Toll Plaza Building
 Main Mathura Road
 Faridabad-121003



P.L. Gill - Project Director
 18-12-18
 8/12/18

Sub : **NOC for execution of project of Kalindi Bypass (DND to Faridabad) by NHAI**

Sir,

The undersigned is directed to refer your letter no. NHAI/CMU/MTR/Kalindi Bypass/2018/D-50148 dated 10.10.2018 and to convey the approval of Competent Authority of PWD to grant NOC to take up the project of Kalindi Bypass from DND to Faridabad by NHAI.

This issue with the approval of Chief Project Manager (Flyover).

(Mukul Kumar)
 Executive Engineer (P)
 O/o Chief Project Manager (Flyover)

Copy to :-

1. The Additional Chief Secretary, PWD, Delhi Secretariat, New Delhi.
2. The Engineer-in-Chief, PWD, GNCTD, 12th Floor, MSO Building, New Delhi.
3. The Pr. Chief Engineer (P), PWD, GNCTD, 9th Floor, MSO Building, New Delhi.
4. The Executive Engineer, F-31, PWD, GNCTD, JLN Stadium, New Delhi.

Executive Engineer (P)

CIN No. U74899DL 1995GOI068150

दूरभाष Tel.: 23417910/12
फैक्स Fax : 23417921



दिल्ली मेट्रो रेल कॉर्पोरेशन लिमिटेड DELHI METRO RAIL CORPORATION LTD.

(भारत सरकार एवं दिल्ली सरकार का संयुक्त उपक्रम)
(A JOINT VENTURE OF GOVERNMENT OF INDIA AND GOVT. OF DELHI)

No. DMRC/Land/15/NOC/506/18020
Pated: 01.06.2020

Project Director
CMU-Mathura
National Highways Authority of India,
Plot No. 8, Near Toll Plaza Building,
Main Mathura Road, Sarai,
Faridabad-121003 (Haryana)

Sub: DND - Faridabad - Ballabhgarh Bypass Junction with Delhi - Vadodra Expressway KMP
Interchange - Reg. - Submission of GAD of Metro Crossing for DMRC.

Ref: (i) Letter No. : NHA/CMU/MTR/DND-DMRC/2020/D-5780 dated 12.03.2020
(ii) Letter No. : DMRC/Land/15/NOC/506/2733 dated 18.03.2020

Sir,

With reference to the above-mentioned subject and vide letter at reference (1) above, a proposal has been submitted for review/observation, which are as below:

Sl. No.	Description	Location	Remark
1	GAD of Flyover over Metro crossing Ch. 3+594.5 (80+135+80)	Jamia Millia Islamia to Okha Vihar	NOC granted based on the submitted GAD.
2	GAD of Flyover over Metro crossing Ch. 4+123 (90+150+90)	Okha Vihar to Jasola Vihar	NOC granted based on the submitted GAD.
3	GAD of Flyover over Metro crossing Ch. 6+470 (70+120+70)	Jasola Vihar to Kalindi Kunj	NOC granted based on the submitted GAD.
4	GAD of Flyover over Metro crossing Ch. 6+165.5 (43+53)	Jasola Vihar to Kalindi Kunj	Construction sequence drawing to be submitted.

The NOC for the subject crossing is accorded subject to the following conditions:

- 1) The work shall be done strictly as per the submitted method statement which shall be duly approved by engineer-in-charge of DMRC.
- 2) Suitable arrangement shall be made to avoid falling of any kind of accessories or material over DMRC's superstructure.
- 3) Suitable measures shall be adopted to minimize the vibrations in the existing pier of DMRC while boring the pile.
- 4) Any change in the proposal as shown in the submitted General Arrangement Drawing shall be brought to the notice of DMRC for further review.
- 5) Execution of work shall be done in close coordination with O & M Department of DMRC.
- 6) NOC from safety department of DMRC is mandatory before erection of superstructure.

Yours faithfully,

Chief Engineer/General

Copy to :
1. CGM/Civil/O&M, DMRC
2. GM/Technical, DMRC

Project Director
Corridor Management
National Highways Authority
Faridabad

(मेट्रो भवन, फायर ब्रिगेड लेन, बाराखम्बा रोड, नई दिल्ली-110001)
Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001

Scanned with CamScanner

CIN No. U74899DL 1995GOI068150

दूरभाष Tel.: 23417910/12
फैक्स Fax : 23417921



दिल्ली मेट्रो रेल कॉर्पोरेशन लिमिटेड DELHI METRO RAIL CORPORATION LTD.

(भारत सरकार एवं दिल्ली सरकार का संयुक्त उपक्रम)
(A JOINT VENTURE OF GOVERNMENT OF INDIA AND GOVT. OF DELHI)

No. DMRC/Land/15/NOC/506/3070

Dated: 23.06.2020

Project Director
CMU-Mathura

National Highways Authority of India,
Plot No. 8, Near Toll Plaza Building,
Main Mathura Road, Sarai,
Faridabad-121003 (Haryana)

Sub: (DND - Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodra Expressway KMP Interchange-Reg. - Submission of GAD of Metro Crossing for DMRC.)

Ref: (i) Letter No. NHA/CMU/MTR/DND-DMRC/2020/D-58336 dated 03.06.2020
(ii) This office letter No. DMRC/Land/15/NOC/506/3020 dated 01.06.2020

Sir,

With reference to the above-mentioned subject and vide letter at reference (2) above, NOC was granted based on the submitted GADs. The remaining GAD along with construction sequence drawing was submitted vide reference(1) above.

Sl. No.	Description	Location	Remark
1.	GAD of Flyover over Metro crossing Ch. 6+165.5 (43+53)	Jasolavihar to Kalindi Kuni	NOC granted based on the submitted GAD.

This NOC has to be read in conjunction with NOC referred above at S.no.2. DMRC reserves its right to withdraw/modify this NOC in future, if required for MRTS purpose.

Yours faithfully,

(Ravi Kapoor)
Chief Engineer/General

Copy to :

- CGM/Civil/O&M, DMRC
- GM/Technical, DMRC

Project Director
Corridor Management Unit
National Highways Authority of India (at Faridabad)
Mathura (at Faridabad)

National Highways Authority of India
CMU - Mathura (at Faridabad)
Copy No. 77369
Date 02/07/2020

(मेट्रो भवन, फायर ब्रिगेड लेन, बाराखम्बा रोड, नई दिल्ली-110001)

Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Pkg-1) in state of Delhi

Species wise complete enumeration of trees in the proposed area

S. No	Botanical Name of Tree	Common Name of Tree	Girth Class					Total
			0-30	31-60	61-90	91-120	121-150	> 151
1	<i>Acacia nilotica</i>	Babul	24	7	0	0	0	31
2	<i>Aegle marmelose</i>	Belpthar	1	2	0	0	0	3
3	<i>Albizia lebbek</i>	Siras	125	48	13	0	4	190
4	<i>Alstonia scholaris</i>	Alstonia	2	4	1	0	0	7
5	<i>Azadirachta indica</i>	Nem	70	34	7	2	11	128
6	<i>Bombax ceiba</i>	Semal	1	1	1	0	0	3
7	<i>Carica papaya</i>	Papita	1	0	0	0	0	1
8	<i>Dalbergia sissoo</i>	Sheesham	476	223	10	10	12	741
9	<i>Eucalyptus globulus</i>	Safeda	9	0	0	5	14	61
10	<i>Ficus benghalensis</i>	Bargad	7	10	4	1	1	26
11	<i>Ficus religiosa</i>	Peepal	23	16	8	2	0	59
12	<i>Ficus virens</i>	Pilkhan	8	14	7	0	2	31
13	<i>Makoi</i>	Makoi	1	0	0	0	0	1
14	<i>Malus domestica</i>	Seb	3	4	0	0	0	7
15	<i>Mangifera indica</i>	Aam	2	0	0	0	0	2
16	<i>Melia azedarach</i>	Bakan	13	5	4	0	0	22
17	<i>Morus alba</i>	Sahrtut	39	11	2	0	0	53
18	<i>Nerium oleander</i>	Kaner	19	11	0	0	0	30
19	<i>Phoenix dactylifera</i>	Khajur	22	26	19	12	7	88
20	<i>Phyllanthus emblica</i>	Awala	2	1	0	0	0	3
21	<i>Pithecellobium dulce</i>	Jungle Jalebi	271	85	10	2	3	375
22	<i>Polyantha longifolia</i>	Ashok	15	9	1	0	0	25
23	<i>Pongamia pinnata</i>	Papdi	762	59	11	4		837
24	<i>Prosopis juliflora</i>	Kikar	6290	1014	94	24	14	7451



Handwritten signature in blue ink.

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Pkg-1) in state of Delhi

S. No	Botanical Name of Tree	Common Name of Tree	Girth Class						Total
			0-30	31-60	61-90	91-120	121- 150	> 151	
25	<i>Prunus persica</i>	Aaru	5	1	0	0	0	0	6
26	<i>Psidium guajava</i>	Amrud	4	1	0	0	0	0	5
27	<i>Rcinus cummunis</i>	Arandi	7	0	0	0	0	1	8
28	<i>Syzygium cumini</i>	Jamun	8	16	2	7	15	3	51
29	<i>Tamarindus indica</i>	Imali	4	2	1	0	0	0	7
30	<i>Tectona grandis</i>	Sagaon	2	0	0	0	0	0	2
31	<i>Terminalia arjuna</i>	Arjun	41	1	0	0	0	0	42
32	<i>Ziziphus nummularia</i>	Ber	34	26	11	3	0	1	75
Total			8291	1631	206	72	83	88	10371



Project Director
Corridor Highways Authority of India
Mathura (at Faridabad)

Annexure - 3


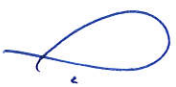
Undertaking/ Certificate for No Muck Generation and Disposal

This is to certify that as the project road alignment of the project namely "Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Delhi" is entirely located in plane area having no scope of tunneling or hill cutting/ deep excavation and accordingly NO muck will be generated due to providing additional facilities, like drain, and minor geometrical improvement of project road. However, some construction debris is likely to be generated which will be utilized (like leveling, making approach road, haul road worker camp/ construction yard etc) in project work and no specific disposal is required.


Project Director
Corridor Management Unit
National Highways Authority of India
Mathura



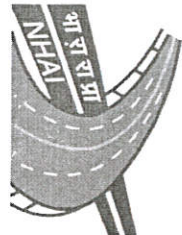

Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

Details of Land Available for Plantation

Sr No	Chainage		Length (M)	Existing ROW (M)	Land Available from Forest diversion (M)	Total Available ROW (M)	Proposed Width for construction (M)	Land Available for Required Plantation (M)	Remarks
	From	To							
1	Kalindi Kunj Spur		140	13.5	16.5	30	30	0	
2	Kalindi Kunj Spur		1430	0	33	33	33	0	
3	6660	6920	260	10	18	28	28	0	
4	7300	8000	700	9	49	58	58	0	
5	8000	9000	1000	0	59	59	59	0	
6	9000	10000	1000	0	62	62	62	0	
7	10000	11000	1000	0	62	62	62	0	
8	11000	12000	1000	8.5	49.5	58	58	0	
9	12000	12500	500	0	61	61	61	0	
Total			7030						


 Project Director
 Corridor Management Unit
 National Highways Authority of India
 Mathura (at Fardabad)



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

परियोजना गलियारा इकाई-मथुरा (फरीदाबाद)

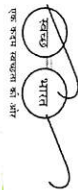
प्लॉट सं० 8, टोल प्लाजा भवन के समीप, मथुरा रोड, फरीदाबाद-121003

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

Corridor Management Unit - Mathura (At Faridabad)

Plot No.8, Near Sarai Toll Plaza Building, Mathura Road Faridabad - 121003



NHAI/CMU/MTR/DND/F-60/2020/D-613222

Dated: 18.03.2021



भारतमाला
प्राप्ति के पत्र पर आधारित

Phone: 0129-2279538
वेबसाइट/Website: www.nhai.gov.in
ईमेल Email: nai@nhai.org

To,
Dy. Conservator of Forests,
Near Dr. Karni Singh Shooting Range,
Tughlakabad,
New Delhi - 110 044.

Sub: Diversion of 35.16 Ha of forest land for construction of six lane access controlled Highway from DND Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP-Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Pkg-I) in state of Delhi.

Ref:1. This office letter No.NHAI/CMU/MTR/F-60 DND (Forest Delhi)/2021/D-61275 dt.16.03.2021

2. Your letter No.19/DCF(S)/FCA/NHAI/2020-21/14872 dated 17.03.2021

Sir,
It is to inform you that although the available RoW is completely utilized by proposed RoW, however vacant land below elevated section can be made available for shrubs plantation. The chainage wise detail of which is as below:

Sr.No.	Chainage (M)	Length (M)	Elevated Road Way Width (m)	Pier Width (m)	Total Width available below Elevated C/w (M)
	From	To			
1	7600	8091	491	28.5	3
2	9665	9745	80	28.5	3
3	10698	11417	719	28.5	3
4	12180	12500	320	28.5	3
Total			1610		
Note	Since it is below the elevated section, only shrubs can be planted in this stretch.				

The desired ppt is also attached. You are therefore requested to process the case at the earliest.

Thanking you,

Yours faithfully,



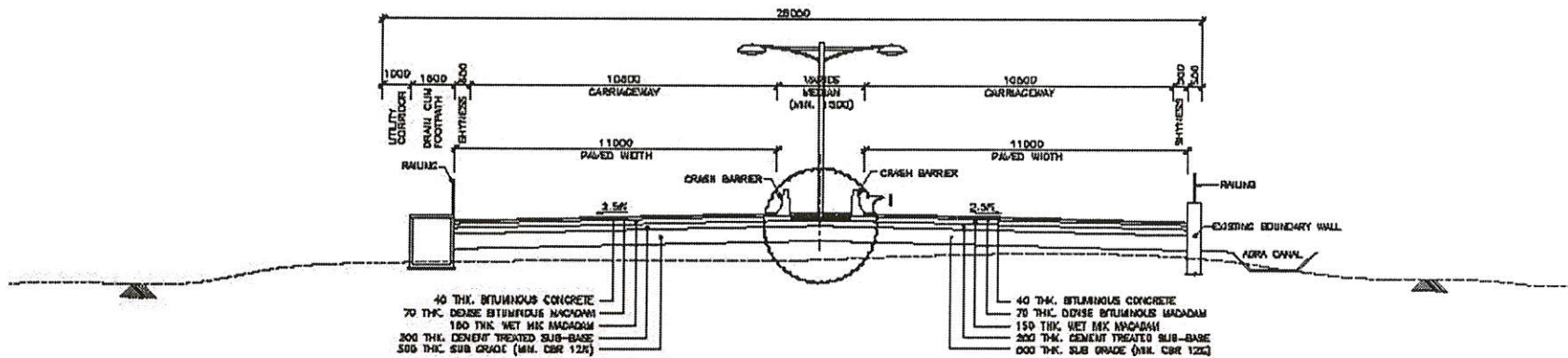
Project Director
CMU- Mathura

Encl: As above

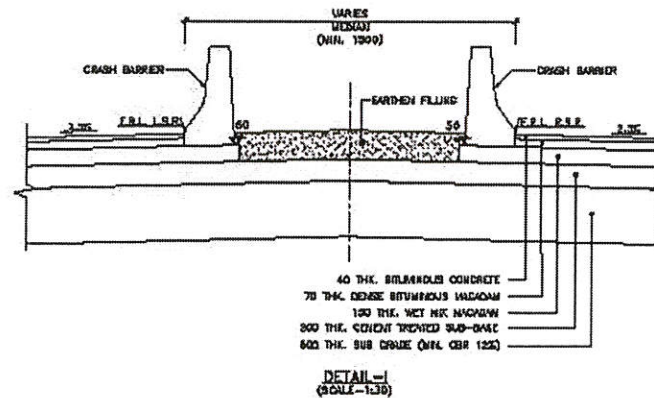
Copy to: Authorized Signatory, M/s SA Infrastructure Consultants Pvt. Ltd., 1101A, 11th Floor, Tower A-II, Corporate Park, Plot No.7A/1, Sector-142, Noida-201301- for information please.

Building a Nation, Not Just Roads/ सड़कें ही नहीं राष्ट्र का भी निर्माण (इस हिन्दी में पत्राचार का स्वागत करते हैं)

Corporate Office: G-5&6, Sector-10, Dwarka, New Delhi - 110075
निगमित कार्यालय: जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली-110075



TYPICAL CROSS-SECTION-XV FOR 6 LANE AT KALINDI KUNJ JUNCTION
(SCALE-1:110)



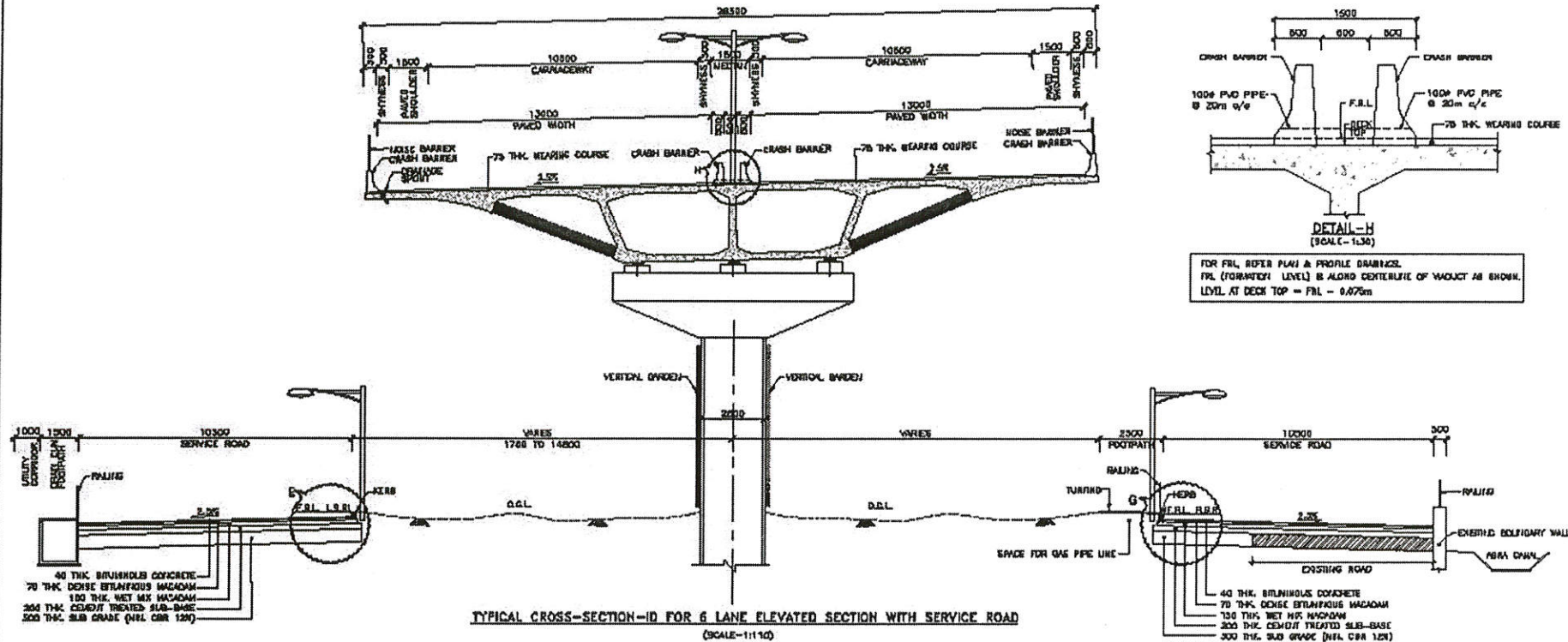
DETAIL-1
(SCALE-1:35)

FROM (M)	TO (M)	LENGTH (M)
0+00	1+14	1+14
TOTAL		1+14

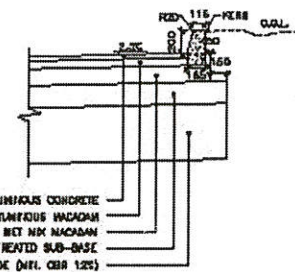
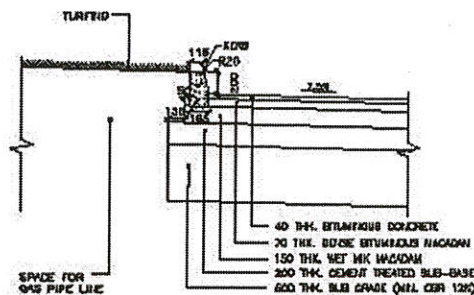
- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
 2. DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS IS TO BE FOLLOWED.
 3. FOR ALL ROAD FURNISHING DETAILS, REFER SEPARATE DRAWING.
 4. FOR DETAILS OF CRASH BARRIER, REFER SEPARATE DRAWING.
 5. CRACK OF CONCRETE FOR KERB STONE SHALL BE M-30.
 6. CRACK OF CONCRETE FOR CRASH BARRIER SHALL BE M-30.
 7. FOR ALL GEOMETRY DETAILS LIKE PVI, CROSS SLOPE/SUPER ELEVATION, etc. PLEASE REFER LATEST REVISION OF PLAN AND PROFILE DRAWINGS.
 8. FOR CRASH BARRIER DETAILS REFER SEPARATE DRAWING.

Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

OWNER: NATIONAL HIGHWAYS AUTHORITY OF INDIA		CONTRIBUTOR: DIVYASHCHANDRA R. AGRAWAL INFRACON PVT. LTD.		DESIGN CONSULTANT: BRIDGECON INFRACONSULTANTS PVT. LTD.		INDEPENDENT ENGINEER: INTERCONTINENTAL CONSULTANTS & TECHNICRATS PVT. LTD.		CONSTRUCTION OF 6 LANE ACCESS CONTROLLED HIGHWAY FROM DND MATHURAS BYPASS TO JUNCTION WITH JATPURA-PURHITA ROAD SECTION NH-1488A DESIGN C.P. CLOSED TO ROAD FLOW IN NATIONAL CAPITAL TERRITORY DESIGN ON HYPERNO AGENCY MATHURA UNDER SUPERINTENDENCE OF NHA.	
DESIGNER: BRIDGECON INFRACONSULTANTS PVT. LTD.		CONTRIBUTOR: DIVYASHCHANDRA R. AGRAWAL INFRACON PVT. LTD.		DESIGN CONSULTANT: BRIDGECON INFRACONSULTANTS PVT. LTD.		INDEPENDENT ENGINEER: INTERCONTINENTAL CONSULTANTS & TECHNICRATS PVT. LTD.		CONSTRUCTION OF 6 LANE ACCESS CONTROLLED HIGHWAY FROM DND MATHURAS BYPASS TO JUNCTION WITH JATPURA-PURHITA ROAD SECTION NH-1488A DESIGN C.P. CLOSED TO ROAD FLOW IN NATIONAL CAPITAL TERRITORY DESIGN ON HYPERNO AGENCY MATHURA UNDER SUPERINTENDENCE OF NHA.	
DESIGNER: BRIDGECON INFRACONSULTANTS PVT. LTD.		CONTRIBUTOR: DIVYASHCHANDRA R. AGRAWAL INFRACON PVT. LTD.		DESIGN CONSULTANT: BRIDGECON INFRACONSULTANTS PVT. LTD.		INDEPENDENT ENGINEER: INTERCONTINENTAL CONSULTANTS & TECHNICRATS PVT. LTD.		CONSTRUCTION OF 6 LANE ACCESS CONTROLLED HIGHWAY FROM DND MATHURAS BYPASS TO JUNCTION WITH JATPURA-PURHITA ROAD SECTION NH-1488A DESIGN C.P. CLOSED TO ROAD FLOW IN NATIONAL CAPITAL TERRITORY DESIGN ON HYPERNO AGENCY MATHURA UNDER SUPERINTENDENCE OF NHA.	
DESIGNER: BRIDGECON INFRACONSULTANTS PVT. LTD.		CONTRIBUTOR: DIVYASHCHANDRA R. AGRAWAL INFRACON PVT. LTD.		DESIGN CONSULTANT: BRIDGECON INFRACONSULTANTS PVT. LTD.		INDEPENDENT ENGINEER: INTERCONTINENTAL CONSULTANTS & TECHNICRATS PVT. LTD.		CONSTRUCTION OF 6 LANE ACCESS CONTROLLED HIGHWAY FROM DND MATHURAS BYPASS TO JUNCTION WITH JATPURA-PURHITA ROAD SECTION NH-1488A DESIGN C.P. CLOSED TO ROAD FLOW IN NATIONAL CAPITAL TERRITORY DESIGN ON HYPERNO AGENCY MATHURA UNDER SUPERINTENDENCE OF NHA.	



TYPICAL CROSS-SECTION-ID FOR 6 LANE ELEVATED SECTION WITH SERVICE ROAD
(SCALE-1:1110)



Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
 2. DIMENSIONS ARE NOT TO BE SCALD. ONLY WRITTEN DIMENSIONS IS TO BE FOLLOWED.
 3. FOR ALL ROAD FURNITURE DETAILS, REFER SEPARATE DRAWING.
 4. FOR DETAILS OF DRAIN REFER SEPARATE DRAWING.
 5. GRADE OF CONCRETE FOR KERB STONE SHALL BE M-20.
 6. GRADE OF CONCRETE FOR CRASH BARRIER SHALL BE M-35.
 7. FOR ALL GEOMETRY DETAILS LIKE FRL, CROSS SLOPE/SUPER ELEVATION, etc. PLEASE REFER LATEST REVISION OF PLAN AND PROFILE DRAWINGS.
 8. FOR CRASH BARRIER DETAILS REFER SEPARATE DRAWING.
 9. FOR SUPERSTRUCTURE DETAILS, PLEASE REFER STRUCTURE DRAWING.

FROM (M)	TO (M)	LENGTH (M)
7500	8000	481
	TOTAL	481

OWNER: NATIONAL HIGHWAYS AUTHORITY OF INDIA		CONSTRUCTION: DINESHCHANDRAN AGRWAL INFRACON PVT. LTD.		DESIGN CONSULTANT: BRIDGECON INFRACONSULTANTS PVT. LTD.		INDEPENDENT ENGINEER: INTERCONTINENTAL CONSULTANTS & TECHNOCRATS PVT. LTD.		CONSTRUCTION OF 6 LANE ACCESS CONTROLLED HIGHWAY FROM DND MATHURA BANK TO JUNCTION WITH JALPA PURI FROM SECTION NH-100A DESIGN CIL ORDER TO ROAD FROM IN NATIONAL CAPITAL TERRITORY DELHI ON HYBRID AVAILABILITY SACRED LINDER BHARATMALA PUNYOLAMA.	
DESIGNER: BRIDGECON		APPROVED: BRIDGECON		DATE: 01.03.2018		DESIGNED BY: BRIDGECON		SCALE: AS SHOWN	

Annexure - (43)

Details of Land Available for Plantation

Sr No	Chainage		Length (M)	Existing ROW (M)	Land Available from Forest diversion (M)	Total Available ROW (M)	Proposed Width for construction (M)	Land Available for Required Plantation (M)	Remarks
	From	To							
1	Kalindi Kunj Spur		140	13.5	16.5	30	30	0	
2	Kalindi Kunj Spur		1430	0	33	33	33	0	
3	6660	6920	260	10	18	28	28	0	
4	7300	8000	700	9	49	58	58	0	
5	8000	9000	1000	0	59	59	59	0	
6	9000	10000	1000	0	62	62	62	0	
7	10000	11000	1000	0	62	62	62	0	
8	11000	12000	1000	8.5	49.5	58	58	0	
9	12000	12500	500	0	61	61	61	0	
Total			7030						


 Project Director
 Corridor Management Unit
 National Highways Authority of India
 Mathura (at Faridabad)

Available Space in Elevated Section

Sr No	Chainage		Length (M)	Elevated Road way width (M)	Pier Width (M)	Total Width available below Elevated C/W (M)
	From	To				
1	7600	8091	491	28.5	3	25.5
2	9665	9745	80	28.5	3	25.5
3	10698	11417	719	28.5	3	25.5
4	12180	12500	320	28.5	3	25.5
Total			1610			
Note			Since it is below the elevated section only Shrubs can be planted in this stretch			

Area Calculation for Shrubs Plantation

Sr.No.	Chainage (M)		Length (M)	Elevated Road Way Width (M)	Pier Width (M)	Total Width available below Elevated C/W (M)	Area for Shrubs plantation (Sqm)
	From	To					
1	7600	8091	491	28.5	3	25.5	$7600 * 25.5 = 1,93,800$
2	9665	9745	80	28.5	3	25.5	$9665 * 25.5 = 246457.5$
3	10698	11417	719	28.5	3	25.5	$11417 * 25.5 = 272799$
4	12180	12500	320	28.5	3	25.5	$12500 * 25.5 = 310590$
Total			1610				1023647
Note			Since it is below the elevated section, only shrubs can be planted in this stretch.				

Note = No. of Shrubs = $100000/\text{Ha} = 1,02,36,000$ Shrubs.

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Pkg-1) in state of Delhi

Proposal No. : FP/DL/ROAD/48557/2020

COST BENEFIT ANALYSIS

Name of Project: Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Delhi.

Nature of Proposal: Diversion of 35.16 hectare of forest land for non-forest purpose for the project "Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Delhi."

Total Length of Project: 12.50 Km

Number of forest division involve: 01

S. No.	Division Name	Proposed Forest Area for Diversion (Hectare)
1.	South Forest Division, Delhi	35.16
Total Forest Area for Diversion (Ha)		35.16

Purpose: The cost Benefit Analysis is being undertaken as the proposed diversion of forest land being affected due to construction of new national highway for above said project > 20 hectare.

Estimation of cost of forest diversion

S. No.	Parameters	Remarks
1	Ecosystem services losses due to proposed forest diversion	Ecosystem services losses due to proposed forest diversion Economic value of loss of ecosystem services due to diversion of forest = Net Present Value (NPV) of the forest land being diverted as per prescribed by the Central Government (MoEF&CC). As the forest land proposed does not fall in National Park and Wild Life Sanctuary.
2	Loss of animal husbandry productivity including loss of fodder	The land proposed for diversion is canal/road sides Protected Forest notified by Government of Uttar Pradesh. No activity is being /has been carried therefore no loss of

Project Director

Corridor Management Unit

National Highways

Project Director

Corridor Management Unit


National Highways Authority of India

Ministry of Road Transport and Highways

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Pkg-1) in state of Delhi

Existing guidelines for estimating benefits of forest diversion in CBA

S. No.	Parameters	Remarks
1	Increase in productivity attributable to the specific projects	Project stretch falls in the State of Delhi and Haryana, which is situated in the Northern part of India. Delhi, officially the National Capital Territory of Delhi (NCT), is a city and a Union Territory of India. It is bordered by Haryana on three sides and by Uttar Pradesh to the east. The NCT covers an area of 1,484 square kilometres. It is connected to other parts of India by five National Highways: NH 44, NH 19 (Old NH 2), NH 75 (Old NH 48), NH 9 & NH 24 and some important Pillars of Delhi's Road Infrastructures like- Inner Ring Road, Outer Ring Road, Delhi Noida Direct DND flyover, Delhi Gurugram Expressway, Delhi Faridabad skyway etc.
2	Benefits to economy due to the specific project	<p>The proposed road would act as the prime artery for the economic flow to this region. It will enhance economic development, provide employment opportunities to locals, strengthen tourist development, ensure road safety, provide better transportation facilities and other facilities such as way side amenities etc. Vehicles operating cost will also be reduced due to improved road quality.</p> <p>The proposed project road will provide uninterrupted free flow of traffic and shall result in</p> <ol style="list-style-type: none"> 1. Saving in Travel time, Cost & Natural resources (Fuel). 2. Saving in foreign exchange due to less consumption of fuel. 3. Increase in income of truck, bus, taxi etc. Owners as they will be able to communicate maximum distance in short time. 4. Reduction in accidents as it will provide safe travel. 5. Will act as catalyst to the industrial development.

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Pkg-1) in state of Delhi

		animal husbandry productivity including loss of fodder will take place.
3	Cost of human resettlement	No resettlement is involved in land proposed for diversion in Forest area.
4	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways, etc.). On forest land or which would require forest land if these facilities were diverted due to the project	No loss of public facilities and administrative infrastructure is involved in the proposed project.
5	Possession value of forest land diverted	As per MoEF&CC guideline 30% of Net Present Value (NPV) due to loss of forest or circle rate of adjoining area in the district should be added as a cost component as possession value of forest land whichever is maximum.
6	Cost of suffering to oustees	As per MoEF&CC guideline the social cost of rehabilitation of oustees (in addition to the cost likely to be incurred in providing residence, occupation and social services as per R&R plan) be worked out as 1.5 times of what oustees should have earned in two years has he not been shifted.
7	Habitat Fragmentation Cost	As per MoEF&CC guideline while the relationship between fragmentation and forest goods and services is complex, for the sake of simplicity the cost due to fragmentation has been pegged at 50% of NPV applicable as a thumb rule.
8	Compensatory afforestation and soil & moisture conservation cost.	As per MoEF&CC guideline the actual cost of compensatory afforestation and soil & moisture conservation and its maintenance in future at present discounted value.

Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

Signature of Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatnala Pariyojana (Lot-4/Pkg-1) in state of Delhi

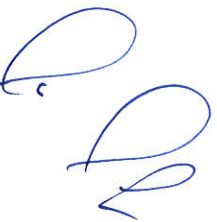
3	Number of population benefited due to specific project	Population of Delhi, Uttar Pradesh and Haryana will be benefited through proposed road.
4	Economic benefits due to of direct and indirect employment due to the project	Direct and indirect employment will be generated during construction and operation period.
5	Economic benefits due to compensatory afforestation	Economic benefits due to Compensatory Afforestation (CA): As per MoEF&CC guideline these benefits are the benefits from such compensatory afforestation over next 50 years monetized and discounted to the present value should be included as benefits of compensatory afforestation – For benefits of CA the guidelines of Ministry for NPV estimation may be consulted accordingly these benefits have been calculated on two heads namely benefits to CA & benefits due to carbon storage by the afforestation done on CA land. As per MoEF&CC guideline the estimated benefits for the diversion of forest land is the sum total of benefits to economy due to specific project, Economic benefits due to of direct and indirect employment due to the project and Economic benefits due to compensatory afforestation.



Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)



Signature of User Agency
Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)



Government of India
Ministry of Environment & Forests
(FC Division)

Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi – 110510
Dated: 05.02.2009

To

The Principal Secretary/ Secretary (Forests),
All State/UT Governments.

Sub: Guidelines for diversion of forest land for non-forestry purposes under Forest (Conservation) Act, 1980-
Guidelines for collection of Net Present Value (NPV).

Sir,

The Ministry of Environment and Forests, Government of India has been receiving representation from different States seeking detailed clarification and guidelines on the above mentioned subject in the light of the Supreme Court Judgment dated 28.03.2008 revising the general rates of NPV and various other orders defining differential rates for various categories of projects.

After careful examination of the issue, I am directed to inform that the Hon'ble Supreme Court of India vide its judgment dated 28.03.2008, has re-fixed the rates of Net Present Value (NPV) on the basis of scientific data taking in view the ecological role and value of the forests. The 16 major forest types have been re-grouped into 6 ecological classes depending upon their ecological functions.

Eco-Class I	Consisting of Tropical Wet Evergreen Forests, Tropical Semi Evergreen Forests and Tropical Moist Deciduous Forests
Eco-Class II	Consisting of Littoral and Swamp Forests
Eco-Class III	Consisting of Tropical Dry Deciduous Forests
Eco-Class IV	Consisting of Tropical Thorn Forests and Tropical Dry Evergreen Forests
Eco-Class V	Consisting of Sub-tropical Broad Leaved Hill Forests, Sub-Tropical Pine Forests and Sub Tropical Dry Evergreen Forests
Eco-Class VI	Consisting of Montane Wet Temperate Forests, Himalayan Moist Temperate Forests, Himalayan Dry Temperate Forests, Sub Alpine Forest, Moist Alpine Scrub and Dry Alpine Scrub.

Based on the ecological importance of forest falling in different eco-value and canopy density classes relative weight age factors have also been taken into consideration. By using these relative weight age factors the equalized forest area in eco-value Class-I and very dense forest corresponding to forest falling in different eco-value and density classes have been compiled. The net present value per hectare of forest has been fixed based on this data. For calculating the average net present value per hectare of forest in India the following monetary value of goods and services provided by the forest have been considered:-

- (i) Value of timber and fuel wood
- (ii) Value of Non Timber Forest Products (NTFP)
- (iii) Value of fodder
- (iv) Value of Eco-tourism
- (v) Value of bio-prospecting
- (vi) Value of Ecological services of forest

- (vii) Value of Flagship Species
(viii) Carbon Sequestration Value

Based on the above the NPV was fixed and the following recommendations have been made by the Hon'ble Supreme Court of India:-

- (i) For non-forestry use/ diversion of forest land, the NPV may be directed to be deposited in the Compensatory Afforestation Fund as per the rates given below:-

Eco-Value	Class and NPV rates in Rs.					
	Class I	Class II	Class III	Class IV	Class V	Class VI
Very Dense Forest	10,43,000	10,43,000	8,87,000	6,26,000	9,39,000	9,91,000
Dense Forest	9,39,000	9,39,000	8,03,000	5,63,000	8,45,000	8,97,000
Open Forest	7,30,000	7,30,000	6,26,000	4,38,000	6,57,000	6,99,000

N.B. *The NPV rate fixed would hold good for a period of three years and is subject to variation after three years as per the Supreme Court's judgment dated 28.03.2008*

- (ii) The use of forest land falling in National Parks/Wildlife Sanctuaries will be permissible only in totally unavoidable circumstances for public interest projects and after obtaining permission from the Hon'ble Court. Such permissions may be considered on payment of an amount equal to ten times in the case of National Parks and five times in the case of Sanctuaries respectively of the NPV payable for such areas. The use of non-forest land falling within the National Parks and Wildlife Sanctuaries may be permitted on payment of an amount equal to NPV payable for adjoining forest area. In respect of non-forest land falling within marine National Parks/Wildlife Sanctuaries the amount may be fixed at five times the NPV payable for the adjoining forest area.

The Hon'ble Supreme Court of India vide its order dated 24.04.2008 and 09.05.2008 has also exempted certain category of projects as per the details given below:

Sl.no.	List of Activities/Projects	Exemption Levels for NPV (as percentage of full chargeable NPV)	Remarks
1	(i) Schools (ii) Hospitals (iii) Children's play ground of non-commercial nature (iv) Community centers in rural areas (v) Over-head tanks (vi) Village tanks (vii) Laying of underground drinking water pipeline up to 4" diameter and (viii) Electricity distribution line up to 22 K V in rural areas.	Full exemption up to 1,00 ha of forest land provided: (a) No felling of trees is involved. (b) Alternate forest land is not available: (c) The project is of non-commercial nature and is part of the Plan/Non-Plan Scheme of Government: and (d) The area is outside National Park/Sanctuary.	As per Hon'ble Supreme Court Order dated 09.05.2008 regarding correction of the judgment dated 28.03.2008

Calculation for NPV for Eco- class III which is Tropical Dry Deciduous Forests

Net Present for value for Eco- Class -III is Rs. 8.87 lakhs per Ha

Total Area for Diversion = 35.16

Total Cost of NPV = $35.16 \times 8,87,000.00 = \text{Rs. } 3,11,86,920.00$

Dr

2	Relocation of Villages from the National Parks/ Sanctuaries to alternate forest land	Full exemption	-do-
3	Collection of boulders/silts from the river belts in the forest area	Full exemption provided:- (a) Are is outside National Park/Sanctuary; (b) No mining lease is approved/signed in respect of this are; (c) The works including the sale of boulders/silt are carried out departmentally or through Government undertaking or through the Economic Development Committee or Joint Forest Management Committee; (d) The activity is necessary for conservation and protection of forests; and (e) The sale proceeds are used for protection/conservation of forests	-do-
4	Laying of underground optical fiber cable	Full exemption provided (a) No felling of trees is involved; and (b) Areas falls outside National Park/Sanctuary	-do-
5	Pre-1980 regularization of encroachments and conversion of forest villages into revenue villages	Full exemption provided these are strictly in accordance with MOEF's Guidelines dated 18.09.1990.	-do-
6	Underground mining	50% of the NPV of the entire area.	-do-
7	Field Firing Range	Full Exemption provided; (a) No felling of trees are involved; and (b) No likelihood of destruction of forest is involved.	As per Hon'ble Supreme Court Order dated 24.04.2008.
8	Wind Energy Projects	50% of the minimum rate of the NPV irrespective of the eco-class in which the project lies provided minimum trees felling is involved.	-do- And CEC clarification dated 22.12.2008

VAN VIBHAG

MISOELLANEOUS

February 10, 1960

(347)

No. 1115(U)/XIV-331-50.—In exercise of the powers conferred by section 30 of the Indian Forest Act (No. XVI of 1927), the Governor of Uttar Pradesh is pleased to declare that the following classes of trees standing and growing in the protected forests declared as such by Government notification no. 1115/XIV-331-50, February 10, 1960, to be reserved with effect from the date of this notification :

- | | |
|--|--|
| 1. <i>Acacia arabica</i> (bahul). | 23. <i>Neloptelea integrifolia</i> (Kanjur or papi). |
| 2. <i>Albizia catwahu</i> (Khar). | 24. <i>Heterophragma adenophyllum</i> (Kach sagot). |
| 3. <i>Albizia excelsa</i> (aroo). | 25. <i>Hymenodictyon excelsum</i> (baurans). |
| 4. <i>Albizia procera</i> (sufed arie). | 26. <i>Mangifera indica</i> (am). |
| 5. <i>Adina cordifolia</i> (baidu). | 27. <i>Melia azadirachta</i> (baktu). |
| 6. <i>Albizia lobbek</i> (kala arie). | 28. <i>Mitragyna hortensis</i> (neam chameli). |
| 7. <i>Azadirachta indica</i> (neem). | 29. <i>Morus indica</i> (bat). |
| 8. <i>Anthocephalus cadamba</i> (kadamb). | 30. <i>Mimusops elengi</i> (manu aari). |
| 9. <i>Acacia leucophloea</i> (reoni). | 31. <i>Morinda pterygosperma</i> (saurina). |
| 10. <i>Anogeissus latifolia</i> (bakti). | 32. <i>Polystichia longifolia</i> (ashok). |
| 11. <i>Baccharis latifolia</i> (mahura). | 33. <i>Prosopis juliflora</i> (mesquit). |
| 12. <i>Bauhinia variegata</i> (kachnar). | 34. <i>Prosopis spoliata</i> (sheonkar). |
| 13. <i>Bombax malabaricum</i> (sonna). | 35. <i>Pongamia regia</i> (gold mohar). |
| 14. <i>Butea frondosa</i> (dhak). | 36. <i>Pongamia glabra</i> (kanji). |
| 15. <i>Cassia fistula</i> (arnaliak). | 37. <i>Phoenix aculea</i> (thasur). |
| 16. <i>Cedrela toona</i> (toon). | 38. <i>Putranjiva roxburghii</i> (poilu). |
| 17. <i>Cordia myra</i> (lasani). | 39. <i>Shorea robusta</i> (sal). |
| 18. <i>Dalbergia latifolia</i> (whipst shisiam). | 40. <i>Sapindus sebiferum</i> (tarchar bi). |
| 19. <i>Dalbergia sissoo</i> (shibam). | 41. <i>Salix</i> spp. (bodd bilas). |
| 20. <i>Eucalyptus</i> spp. | 42. <i>Sterculia villosa</i> (udalgadgudala). |
| 21. <i>Bugenda jambolana</i> (jemna). | 43. <i>Strobilus</i> as per (sehor). |
| 22. <i>Pious bengalensis</i> (barga). | 44. <i>Terminalia arjuna</i> (arjun). |
| 23. <i>Pious glomerata</i> (gular). | 45. <i>Terminalia indica</i> (unli). |
| 24. <i>Pious infocorth</i> (palar). | 46. <i>Terminalia belerica</i> (bahrer). |
| 25. <i>Pious religiosa</i> (pipal). | 47. <i>Terminalia tomentosa</i> (kama or asin). |
| 26. <i>Secoda septentrionalis</i> (kithis). | 48. <i>Trevelia nudiflora</i> (grital). |
| 27. <i>Gmelina Armorea</i> (jambar or khamar). | 49. <i>Trevelia grandis</i> (sagon or teak). |
| | 50. <i>Sapindus delavayi</i> (ritba). |

Copy forwarded for information to—
P80F—43 Goul. (Forest)—1060—945 (M).

By order,
R. K. TALWAR, Secy.

[Handwritten signature]

(359)

VAN VIEHAG

MISCELLANEOUS

February 10, 1960

No. 1115/XIV—331-60.—Whereas the Governor, Uttar Pradesh, is of the opinion that the making of enquiry and record contemplated under sub-section (3) of section 29 of the Indian Forest Act, 1927 (Act no. XVI of 1927), will occupy such length of time as in the meantime to endanger the rights of the State Government; and that therefore, in exercise of the powers conferred by the proviso to the aforesaid sub-section and by sub-section (1) of the said section, read with section 80-A of the aforesaid Act, the Governor of Uttar Pradesh is pleased to order that pending such enquiry and record the provisions of Chapter IV of the said Act to be applicable to the rights specified in the Schedule hereto :

Schedule

District	Serial no.	Name of road	Mileage to be declared as Reserve or Protected Forest	Description of boundary
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		From		To	
		M. ft.	M. ft.		

Meerut	1	Meerut-Baghpat Road	3 0 0	21 2 0	The boundary of the land has been demarcated on the ground by stone pillars.
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2	Baghpat-Saharanpur	1 0 0	24 2 0	Ditto.
3	Baghpat-Chhaprauli	1 0 0	19 0 0	Ditto.
4	Baghpat-Loni Shadra	2 0 0	17 0 0	Ditto.
5	Meerut-Morena	2 0 0	29 0 0	Ditto.
6	Meerut-Bulandshahr	41 0 0	65 0 0	Ditto.
7	D. R. M. Road	870 0 0	873 0 0	Ditto.
8	G. T. Road	1 0 0	6 0 0	Ditto.
9	Baghpat-Batali	0 0 0	0 0 0	Ditto.
10	Meerut-Batali	0 0 0	0 0 0	Ditto.
11	Meerut-Nagar Railway Feeder	0 0 0	0 0 0	Ditto.
12	Mohd Nagar Railway Feeder	0 0 0	0 0 0	Ditto.
13	Meerut-Bulandshahr Railway Feeder	2 0 0	4 10	Ditto.
14	Dangla-Bulandshahr	2 0 0	12 3 30	Ditto.
15	Bulandshahr-Silana Gadh Road	24 0 0	6 4 200	Ditto.

Meerut	16	Meerut-Batali Road	23 0 0	31 3 300	Ditto.
	17	National Highway No. 24	28 0 0	32 3 0	Ditto.
	18	G. T. Road (Chhaprauli to Utter Pradesh Border)	874 0 0	879 1 70	Ditto.
	19	Chhaprauli-Meerpur Road	1 0 0	21 6 240	Ditto.
	20	Meerpur-Gadh Road	1 0 484	10 4 70	Ditto.
	1	D. R. M. Road	63 0 0	91 0 0	The boundary of the land has been demarcated on the ground by stone pillars.

Meerut	2	Khataul-Jameth-Meerpur-Bijnor	24 6 0	3 0 81	Ditto.
	3	Meerut-Meerpur-Samalkh-afra	3 0 0	31 0 0	Ditto.
	4	Meerut-Meerpur-Saharanpur	Mile 77 of D. R. M. Road to mile 10 of Meerut-Meerpur Road.	31 0 0	Ditto.
	5	Meerut-Meerpur-Bijnor	Mile 73 D. R. M. Road to mile 31 of Bijnor Road.	31 0 0	Ditto.
	6	Meerut-Bulandshahr	From Village Toli to mile stone 7 to Bulandshahr.	63 3 0	Ditto.
	7	Meerut-Bulandshahr	24 0 0	63 3 0	Ditto.
	8	Meerut-Meerpur-Bijnor	1 0 240	23 7 0	Boundary of the land has been demarcated on the ground by stone pillars.
	9	Meerut-Meerpur-Delhi Road	1 0 240	23 7 0	Ditto.
	10	Meerut-Meerpur-Delhi Road	1 0 240	23 7 0	Ditto.
	11	Meerut-Meerpur-Delhi Road	1 0 240	23 7 0	Ditto.

Meerut	12	Saharanpur-Chakrata Road	0 1 460	28 0 0	Ditto.
	13	Delhi-Bulandshahr Road	19 0 0	128 0 0	Ditto.
	14	Saharanpur-Delhi Road	0 0 0	14 0 116	Ditto.
	15	Saharanpur-Nagar-Gangon Road	1 4 330	27 6 230	Ditto.
	16	Meerut-Morena Road	2 3 0	9 7 370	Ditto.
	17	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	18	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	19	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	20	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	21	Meerut-Morena Road	0 0 0	0 0 0	Ditto.

Meerut	22	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	23	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	24	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	25	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	26	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	27	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	28	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	29	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	30	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	31	Meerut-Morena Road	0 0 0	0 0 0	Ditto.

Meerut	32	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	33	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	34	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	35	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	36	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	37	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	38	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	39	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	40	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	41	Meerut-Morena Road	0 0 0	0 0 0	Ditto.

Meerut	42	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	43	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	44	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	45	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	46	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	47	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	48	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	49	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	50	Meerut-Morena Road	0 0 0	0 0 0	Ditto.
	51	Meerut-Morena Road	0 0 0	0 0 0	Ditto.

Handwritten signature or initials.

(363)

Serial no.	Name of road	Mileage to be declared as Reserved or Protected Forest		Description of boundary	
1	2	3	4	5	6
From To					
M. ft. M. ft.					
The boundary of the land has been demarcated on the ground by the stone pillars.					
1	Bareilly-Pilibhit-Neoria Road	30 8 0	69 3 0		
2	Pilibhit-Jahanabad Road	2 0 0	6 2 0		
3	Bilaspur-Bilawal Road	0 0 0	10 3 380		
4	Pilibhit-Gajraula	0 0 0	0 2 348		
5	Pilibhit-Bilaspur Road	22 6 0			
6	Khatima-Jharkhet Road	4 4 0			
1	Badam-Chandauli Road	1 0 0	38 0 0		
2	Badam-Dalganj Road	1 0 0	18 0 0		
3	Badam-Qader Chowk Road	1 0 0	25 0 0		
4	Uj-Jam-Sahawan Road	8 0 0	25 0 0		
5	Sahawan-Gunwar Road	1 0 0	25 0 0		
6	Mujia-Kachla Road	1 0 0	7 0 0		
7	Debt-Babrala-Chandauli	6 0 0	11 0 0		
1	Bijnor-Mirzapur Road	0 0 0	3 6 0		
2	Bijnor-Jhallu-Haldar-Chandpur Road	0 0 0	24 0 0		
3	Bijnor-Ganj Road	0 0 0	14 3 0		
4	Ganj-Chandpur Road	0 0 0	7 2 0		
5	Chandpur-Dhamra Road	0 0 0	10 0 0		
6	Chandpur-Moorpur Road	0 0 0	10 0 0		
7	Chandpur-Khatpur-Khadar Dattana Road	0 0 0	1 6 0		
8	Bijnor-Mandawar Road	0 0 0	1 6 0		
9	Nagina-Buhapur Road	0 0 0	1 6 0		
10	Shertee-Afzalgarh Road	0 0 0	1 6 0		
11	Afzalgarh-Kalegarh Road	0 0 0	1 6 0		
12	Kolahal-Najibabad Kotdwara Road	0 0 0	1 6 0		
13	Najibabad-Khatpur Road	0 0 0	1 6 0		
14	Najibabad-Nawalgarh-Chandak Road	0 0 0	1 6 0		
15	Nawalgarh-Shertee Road mile 1 to 1.5	0 0 0	1 6 0		
16	Chandpur-Shertee Road mile 1 to 1.5	0 0 0	1 6 0		
17	Chandpur-Shertee Road mile 1.5 to 2	0 0 0	1 6 0		
18	Chandpur-Shertee Road mile 2 to 2.5	0 0 0	1 6 0		
19	Chandpur-Shertee Road mile 2.5 to 3	0 0 0	1 6 0		
20	Approach Road 3-8	0 0 0	1 6 0		
21	Dhamra-Moorpur Road mile 1-3	0 0 0	1 6 0		
22	Nagina-Dhamra Road mile 1-1.1	0 0 0	1 6 0		
1	Rampur-Khat	0 0 0	27 0 0		
2	Rampur-Shahabad	0 0 0	19 6 0		
3	Rampur-Guar	0 0 0	16 1 0		
4	Rampur-Tanda-Dahia-Khad-Tanda	0 0 0	16 3 360		
5	Porton Khod-Tanda Porton.	13 2 180	21 6 0		
6	Rampur-Bansagar	0 0 0	3 4 0		
7	Karbal Road	0 0 0	13 0 0		
8	Milk Road	0 0 0	7 1 0		
9	Milk Road	0 0 0	7 1 0		
10	Bilaspur-Kemari	0 0 0	7 1 0		
11	Rampur-Kemari	0 0 0	7 1 0		
12	Patta-Koop	0 0 0	7 1 0		
13	Kemari-Machhwa	0 0 0	7 1 0		
14	Bare-Tipkha	0 0 0	7 1 0		
15	Dhamra-Kabouda	0 0 0	7 1 0		
16	Bilaspur-Ahro	0 0 0	7 1 0		
17	Sur-Bilaspur	0 0 0	7 1 0		
18	Khoocha-Khara-Melbithers	0 0 0	7 1 0		
19	Khod-Pich	0 0 0	7 1 0		
20	Manpur-Darhal	0 0 0	7 1 0		
21	Darhal-Kashipur	0 0 0	7 1 0		
22	Machhwa-Kemari	0 0 0	7 1 0		
23	Shahabad-Dhakia	0 0 0	7 1 0		
24	Porwal-Jolpur	0 0 0	7 1 0		
25	Ahro-Manpur-Ojha Road	0 0 0	7 1 0		
1	Unao-Hardel Road	1 0 0	36 0 0		
2	Allahabad-Unao (Unao-Bilaspur-Lal-ganj Road).	92 0 0	123 0 0		

The boundary of the land has been demarcated on the ground by the stone pillars.

(361)

District	Serial no.	Name of road	Mileage to be declared as Reserved or Protected Forest	Description of boundary
1	2	3	4	5
			From	To
			M. fg. ft.	M. fg. ft.

1

2

3

4

5

6

Lallpur Section .. 10 Jhansi-Sauger Road ..

1 0 0 82 0 0
 The boundary of the land has
 demarcated on the ground
 by the stone pillars.

10. Jalaun .. 1 Ait-Kotra Road ..

1 0 0 2 0 0
 The boundary of the land has
 demarcated on the ground by
 stone pillars.

11. Hamirpur Mahoba
 Section. 1 Kanpur-Hamirpur-Sauger Road ..

39 0 0 106 0 0
 The boundary of the land has
 demarcated on the ground
 by the stone pillars.

12. Hamirpur Section

13. Mathura ..

The boundary of the land has
 demarcated on the ground
 by the stone pillars.

14. Agra ..

The boundary of the land has
 demarcated on the ground by
 stone pillars.

1	Agra-Bah-Kachhura Road	3	0	0	58	0	0		
2	Pharera-Batehwar Jammaa Ferry Road	1	0	0	7	0	0		
3	Bah-Vid Road	1	0	0	10	0	0		
4	Fatehabad Diversion	2	0	0	2	0	0		
5	Taj Road	3	0	0	18	0	0		
6	Agra-Shamshad Road	7	0	0	765	0	0		
7	N. H. Route II B. D. Road	7	0	0	765	0	0		
8	N. H. Route III B. D. Road	7	0	0	765	0	0		
9	Contemporary Road	0	0	0	0	0	0		
10	Runkuta Railway Feeder Road	0	0	0	0	0	0		
11	Jajnu Railway Feeder Road	0	0	0	0	0	0		
12	Agra-Etawah-Fatehpur Road N. H.	4	0	0	33	0	0		
13	Tundla-Awa Road	2	0	0	12	0	0		
14	Kuberpur-Etmadpur and Tundla Railway	0	2	6	1	1	30		
15	Whole length Feeder Road.	1	0	0	23	0	0		
16	A. F. G. Road	16	0	0	24	0	0		
17	K. A. B. Road	3	0	0	48	0	0		
18	A. J. T. Road	0	0	0	0	1	40		
19	Midhikur-Kirani F. 81/21, Aolness	1	0	0	15	0	0		
20	Railway Feeder and Blera Village Feeder.	1	0	0	15	0	0		
21	Agra-Allgarh Provincial Road	1	0	0	15	0	0		

District	Serial no.	Name of roads	Mileage to be declared as Reserved, or Protected For:		Description of boundary
1	2	3	4	5	6
Allahabad			From	To	
			M. ft.	M. ft.	
	1	Allahabad Bandh Road in Allahabad District.	11 3 0	51 0 0	The boundary of the land been demarcated on the ground by stone pillars.
	2	Bharatganj-Pratapgarh Road (M.D.R.) mile from Nanda.	0 0 0	67 4 0	
	3	South George G. T. Road in Allahabad District.	612 3 210	478 0 0	
	4	Allahabad-Bareilly Road in Allahabad District.	0 0 0	28 3 72	
	5	Allahabad-Unao Road	9 8 0	24 8 0	
	6	N. H. Route (2) G. T. Road	601 0 0	642 0 0	
	7	Muzaffargarh-Balpur Road	1 0 0	26 0 0	
	8	Birahat-Kan Road	1 0 0	1 6 0	
	9	Masauri Railway Feeder Road	1 0 0	only 13 0 0	
	10	Masauri-Bareilly Road	408 0 0	602 0 0	
Jaunpur	1	Jaunpur-Bareilly Road	50 0 0	409 0 0	
	2	Badahpur Railway Feeder Road	0 0 0	0 2 54	
	3	Line Bareilly-Jaunpur By-pass Road	1 3 266	total length Do.	
	4	Mirzapur-Jaunpur Road	26 1 107	Do.	
	5	Jaunpur-Bareilly Road	18 4 136	Do.	
	6	Jaunpur-Singhganj-Alberpur up to Belwari Road.	29 6 440	Do.	
	7	Allahabad-Jaunpur Road	9 1 491	Do.	
	8	Meachhabad-Jaunpur Road	13 0 0	27 6 580	
	9	Jaunpur-Fatehpur Road	24 0 0	6 5 150	
	10	Khatla Bareilly-Deoria Road	0 0 0	1 3 440	
	11	Alberpur-Jaunpur Link Road	0 0 0	7 3 480	
	12	Singhganj-Tithania Road	0 0 0	0 7 280	
	13	Jaunpur Railway Station Road	0 0 0	0 7 20	
	14	Argapur Kaser G. T. Road	0 5 73	4 4 608	
	15	Sarai-Patal Road	0 0 0	0 3 131	
	16	Supairpur Link Road	0 0 0	0 1 440	
	17	Masauri Railway Feeder Road	0 0 0	23 1 491	
	18	Bareilly-Bareilly Road	1 0 0	4 0 0	
Bareilly	1	Bareilly-Bareilly Road	1 0 0	4 0 0	
	2	Saranath Road	1 3 0	total length 47 0 0	
	3	Bareilly-Bareilly Road N. E. Way	36 0 0	47 0 0	
	4	Jaunpur-Jaunpur Road N. E. Way	36 0 0	47 0 0	
	5	Bareilly-Bareilly Road P. E. Way	47 0 0	70 0 0	
	6	Jaunpur-Bareilly Road P. E. Way	1 0 0	2 3 0	
	7	Jaunpur-Bareilly Road P. E. Way	1 0 0	4 4 0	
	8	Jaunpur-Bareilly Road P. E. Way	3 0 0	7 4 0	
	9	Saranath-Jaunpur Road	16 0 0	32 0 0	
Mirzapur	1	Mirzapur-Robertganj Road	1 0 0	27 0 0	The boundary of the land been demarcated on the ground by stone pillars.
	2	Mirzapur-Mirzapur Road	1 0 0	13 0 0	
	3	G. T. Road	423 0 0	477 0 0	
	4	Mirzapur-Bareilly Road	1 0 0	43 0 0	
	5	Mirzapur-Jaunpur Road	1 0 0	6 0 0	
Bareilly and Gonda	1	Grand Trunk Road National Highway	85 0 0	148 0 0	
	2	O. T. Road National Highway	89 0 0	93 0 0	
	3	Bareilly-Bareilly Road	0 0 0	16 0 330	
	4	Jaunpur-Bareilly Road	0 0 0	15 0 0	
	5	Jaunpur-Bareilly Road	0 0 0	0 2 0	
	6	Jaunpur-Bareilly Road	0 0 0	82 2 0	
	7	Jaunpur-Bareilly Road	0 0 0	9 6 0	
	8	Jaunpur-Bareilly Road	0 0 0	14 2 0	
	9	Jaunpur-Bareilly Road	0 0 0	5 1 0	
	10	Jaunpur-Bareilly Road	0 0 0	5 1 0	
	11	Jaunpur-Bareilly Road	0 0 0	5 1 0	
Gonda	1	Bareilly-Bareilly Road	20 0 0	39 0 0	
	2	Gonda-Bareilly Road	0 0 0	26 0 0	
	3	Bareilly-Bareilly Road	0 0 0	17 0 0	
	4	Bareilly-Bareilly Road	0 0 0	16 0 0	
	5	Tulsi-Bareilly Road	0 0 0	15 0 0	
	6	Bareilly-Bareilly Road	24 0 0	65 0 0	
	7	Bareilly-Bareilly Road	8 0 0	49 0 0	
	8	Gonda-Bareilly Road	1 0 0	32 2 0	

Copy of SarvaJanik (Ka) Vbhag D.O. No. 2986/XIII - Forests/58
U.P., Lucknow.

Dated, June 11, 1965

Subj:- Transfer of roadside plantation along PWD roads to the Forest Department.

I am directed to say that the question of transfer of roadside plantation along P.W.D. roads to the Forest Deptt. has been under the consideration of Govt. for some time past. It has now been decided that the work of roadside plantation and maintenance of roadside avenue along P.W.D. roads should be transferred to the Forest Deptt. subject to the following conditions :-

- 1) Roadside plantations and avenue will be transferred from the P.W.D. to the Forest Deptt. in accordance with a phased programme to be worked out between the Chief Engineer and the Chief Conservator of Forests.
- 2) A list of selected species of trees to be planted along the P.W.D. roads will be prepared jointly by the CCF and Chief Engineer, P.W.D. in selecting trees for plantation preference will be given to trees which provide shades.
- 3) To ensure an uninterrupted flow of traffic and also to ensure an unobstructed view of the road ahead, ever hanging branches of trees over roadside patris shall be clipped off by the Forest Deptt. so as to provide a clearance of at least 16' from the road surface. (At present the required clearance is 14' the rules will be revised to provide for a clearance of 16')
- 4) In case where P.W.D. Officers give notice of ever hanging branches to the DFO concerned, Forest Deptt. will ensure the cutting down of the ever hanging branches upto the required clearance. If, however the Forest Deptt. fails to do so, the P.W.D. would be entitled to effect the necessary cutting.
- 5) Forest Deptt. will ensure the prompt removal of fallen trees which hinder or obstruct traffic. If such fallen trees are not removed promptly by Forest Deptt., P.W.D. would be entitled to remove them under intimation to the Forest Deptt.
- 6) Before finalising any list of trees to be felled or sold by Public auction, Forest Deptt. would furnish it to the Engineer concerned. If the P.W.D. Engineer objects to the cutting of the any green tree in any reach, the list would be modified accordingly. The sale list would be finalized by the Forest Deptt. only the views of the P.W.D. have been considered.
- 7) Forest Deptt. will meet the fuel and other wood requirements of the P.W.D. for carrying out its road construction and road repairing operations.
- 8) Forest Deptt. will give preference for purposes of employment in the Forest Deptt. to the mallas and aches at present employed in the P.W.D. for maintenance of roadside avenue who would be on surplus to the requirements of P.W.D.
- 9) The Forest Deptt. will frame new rules and revenue existing rules for the proper management of the roadside avenues on the lines indicated above in consultation with the P.W.D.
- 10) I am to request that necessary steps may kindly be taken to implement the above decisions of Govt. and Govt. Informer of the action taken in the matter.
3. Necessary funds for the roadside plantation and maintenance of roadside avenue after they have been handed over to the Forest Deptt. will be arranged by that Deptt. from its own budget.

(2)

No. 2886(1) XXIII-PWD. of date/

Copy forwarded for information to-

- 1) The A.G., U.P. Allahabad.
- 2) The Forest Deptt.
- 3) Sarvejanik Nirmal Vihara (Letha-Cha).

IMMEDIATE

OFFICE OF THE CHIEF CONSERVATOR OF FORESTS, S.C. U.P.
No. 702/20-48/E-4 dated Lucknow July 26, 1965.

Copy forwarded to the C.F. Extension, Research and

Development Eastern, Central, Southern, Western & Sivallik
Circle for information and necessary action with reference to this
office endt. No. 12570(1) 20-48(E-4) dated 22.6.65. They should
of the Govt. to this office, immediately.

Copy forwarded to the Dy. CCF (P) for information and
necessary action with reference to this office endt. No. 12570(1)
20-48(E-4) dt. 22.6.65.

Copy also forwarded to Dy. CCF (P) for information with
reference to this office endt. No. 12570(1) /20-43(E-4) dated
22.6.65.

OFFICE OF THE CONSERVATOR OF FORESTS, S.C. U.P.
No. A-764/SC/31-1, dated, Alid, August 5, 1965.

Copy to all DFOs, S.C. U.P. for information and immediate

~~compliance~~ compliance in continuation to this office endt.
No. 39/SC/20-1, dated 5.7.65.

Sh. S. Z. L. Nagvi,
CF., SC., U.P.

Shahid/20-9.

7.

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The boundary of the land has been demarcated on the ground, by stone pillars.

(362)

Serial no.	Name of Road	Mileage to be declared as Reserved or Protected Forest		Description of boundary
		1	2	

From	To	M. ft.	M. ft.	Description of boundary

Barukhbad

1 Barukhbad-Ramgarh Road

2 Barukhbad-Ramgarh Road

3 Barukhbad-Ramgarh Road

4 Barukhbad-Ramgarh Road

5 Barukhbad-Ramgarh Road

6 Barukhbad-Ramgarh Road

7 Barukhbad-Ramgarh Road

8 Barukhbad-Ramgarh Road

9 Barukhbad-Ramgarh Road

10 Barukhbad-Ramgarh Road

11 Barukhbad-Ramgarh Road

12 Barukhbad-Ramgarh Road

13 Barukhbad-Ramgarh Road

14 Barukhbad-Ramgarh Road

15 Barukhbad-Ramgarh Road

16 Barukhbad-Ramgarh Road

17 Barukhbad-Ramgarh Road

18 Barukhbad-Ramgarh Road

19 Barukhbad-Ramgarh Road

20 Barukhbad-Ramgarh Road

21 Barukhbad-Ramgarh Road

22 Barukhbad-Ramgarh Road

23 Barukhbad-Ramgarh Road

24 Barukhbad-Ramgarh Road

25 Barukhbad-Ramgarh Road

26 Barukhbad-Ramgarh Road

27 Barukhbad-Ramgarh Road

28 Barukhbad-Ramgarh Road

29 Barukhbad-Ramgarh Road

30 Barukhbad-Ramgarh Road

The boundary of the land has been demarcated on the ground by the stone pillars.

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Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Pkg-1) in state of Delhi

Proposal No. : FP/DL/ROAD/48557/2020

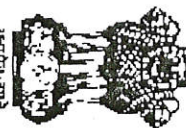
AREA CALCULATION OF FOREST LAND

35.16 Ha Protected Forest land under jurisdiction of South Forest Division, Delhi (from design Km 00.000 to design Km 12.500) diverting for Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Delhi."

South Forest Division, Delhi (00.000 Km - 12.500 Km)							
S. No.	New Alignment	Name of Reach	Length (m)	Average Width (m)	Area (m ²)	Total Area (Hectare)	Remark
1	Kalindi Kunj Spur Road	Kalindi Kunj Meethapur Road	140	16.5	2300	0.23	Right Hand Side of Kalindi Kunj Meethapur Road
2	Kalindi Kunj Spur Road	Kalindi Kunj Meethapur Road	1430	33	47100	4.71	Left Hand Side of Kalindi Kunj Meethapur Road
3	6.660 - 6.920	Kalindi Kunj Meethapur Road	260	18	4700	0.47	In Between Old Agra Canal & New Agra Canal
4	7.300 - 8.000	Kalindi Kunj Meethapur Road	700	49	34500	3.45	Left Hand Side of Kalindi Kunj Meethapur Road
5	8.000 - 9.000	Kalindi Kunj Meethapur Road	1000	59	59000	5.9	Left Hand Side of Kalindi Kunj Meethapur Road
6	9.000 - 10.000	Kalindi Kunj Meethapur Road	1000	62	62000	6.2	Left Hand Side of Kalindi Kunj Meethapur Road
7	10.000 - 11.000	Kalindi Kunj Meethapur Road	1000	62	62000	6.2	Left Hand Side of Kalindi Kunj Meethapur Road
8	11.000 - 12.000	Meethapur Palla Road	1000	49.5	49500	4.95	Left Hand Side of Meethapur Palla Road
9	12.000 - 12.500	Meethapur Palla Road	500	61	30500	3.05	Left Hand Side of Meethapur Palla Road
Grand Total in South Forest Division, Delhi					351600	35.16	

Annexure-13(9)

भारत का राजपत्र The Gazette of India



असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

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पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली, 24 सितम्बर, 2014

का.आ. 2499(अ)—निम्नलिखित प्रारूप अधिसूचना, जिसे केन्द्रीय सरकार, पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) की धारा 3 की उप-धारा (1), उप-धारा (2) के खंड (v) और खंड (xiv) तथा उप-धारा (1) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, जारी करने का प्रस्ताव करती है, पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उपनियम (3) के अधीन की अपेक्षानुसार, जनसाधारण की जानकारी के लिए प्रकाशित की जाती है, जिनके उससे प्रभावित होने की संभावना है, ; और यह सूचना दी जाती है कि उक्त प्रारूप अधिसूचना पर, उस तारीख से, जिसको इस अधिसूचना वाले भारत के राजपत्र की प्रतियां जनसाधारण को उपलब्ध करा दी जाती हैं, साठ दिन की अवधि की समाप्ति पर या उसके पश्चात् विचार किया जाएगा ;

ऐसा कोई व्यक्ति, जो प्रारूप अधिसूचना में अंतर्विष्ट प्रस्तावों के संबंध में कोई आक्षेप या सुझाव देने में हितबद्ध है, इस प्रकार विनिर्दिष्ट अवधि के भीतर, केन्द्रीय सरकार द्वारा विचार किए जाने के लिए, आक्षेप या सुझाव सचिव, पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, इन्दिरा पर्यावरण भवन, जोरबाग रोड, नई दिल्ली-110003 या ई-मेल पता: esz-mef@nic.in पर लिखित रूप में भेज सकेगा।

प्रारूप अधिसूचना

ओखला पक्षी अभ्यारण्य राष्ट्रीय राजधानी राज्यक्षेत्र (एनसीआर) में उस बिंदू पर अवस्थित है जहां यमुना नदी राष्ट्रीय राजधानी राज्यक्षेत्र दिल्ली(एनसीटी) को छोड़ती है और उत्तर प्रदेश राज्य में प्रवेश करती है;

3855/GI/2014

(1)

(4) पारिस्थितिक संवेदी जोन की बाहरी सीमा के महत्वपूर्ण बिंदुओं को उपदर्शित करने वाले निर्देशांक इस अधिसूचना के साथ **उपाबंध 2** के रूप में संलग्न है।

(5) पारिस्थितिक संवेदी जोन के भीतर आने वाले दस शहरी क्षेत्र या ग्राम उनके स्थायी बिंदुओं पर अधांश और देशांतर सहित इस अधिसूचना के साथ **उपाबंध 3** के रूप में उपाबद्ध हैं :

परंतु उपाबंध 3 पारिस्थितिक संवेदी जोन की संबंधित जोनल मास्टर योजना में राज्य सरकारों द्वारा पुष्टि किए जाने के अध्यधीन होगा।

2. पारिस्थितिक संवेदी जोन के लिए जोनल मास्टर योजना—(1) राज्य सरकार स्थानीय लोगों के साथ परामर्श से पारिस्थितिक संवेदी जोन के प्रभावी प्रबंधन के प्रयोजन के लिए इस अधिसूचना के राजपत्र में प्रकाशन की तारीख से दो वर्ष के भीतर स्थानीय लोगों और निम्नलिखित संबंधित राज्य विभागों में परामर्श से पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, भारत सरकार के विचार और अनुमोदन के लिए एक जोनल मास्टर योजना तैयार करेगी, अर्थात् :-

- (i) वन, पर्यावरण और वन्य जीव प्रबंधन ;
- (ii) उत्तर प्रदेश /दिल्ली पुलिस ;
- (iii) शहरी आवास विकास ;
- (iv) पर्यटन ;
- (v) ग्रामीण प्रबंधन और विकास ;
- (vi) सिंचाई और बाढ़ नियंत्रण ;
- (vii) लोक निर्माण विभाग/ केन्द्रीय लोक निर्माण विभाग;
- (viii) भू-राजस्व; और
- (ix) आपदा प्रबंधन।

(2) जोनल मास्टर योजना निम्नीकृत क्षेत्रों के पुनरुद्धार, विद्यमान जल निकायों के संरक्षण, कैचमेंट क्षेत्रों के प्रबंधन, जल संभार प्रबंधन, भू-जल प्रबंधन, मृदा और नमी संरक्षण स्थानीय समुदाय की आवश्यकताओं और पारिस्थितिकी और पर्यावरण के ऐसे अन्य परिप्रेक्ष्यों जिनपर ध्यान देने की आवश्यकता है के लिए उपबंध करेगी।

(3) जोनल मास्टर योजना सभी विद्यमान और प्रस्तावित शहरी बस्तियों, ग्रामीण बस्तियों, वनों की किस्म और प्रकार, कृषि क्षेत्रों और बागवानी क्षेत्रों, झीलें, अन्य जल निकायों और उद्यमी इकाइयों को चिन्हित करेगी।

(4) जोनल मास्टर योजना में ऐसे उपाय अंतर्विष्ट होंगे जो केन्द्रीय सरकार या राज्य सरकार द्वारा पैरा 4 में विनिर्दिष्ट सारणी के स्तंभ (2) में विनिर्दिष्ट कार्यकलापों के विनियमन के लिए विनिर्दिष्ट किए जाएं।

(5) इस प्रकार तैयार जोनल मास्टर योजना क्षेत्रीय विकास योजना के साथ-साथ समाप्त होगी।



(5) **वायु प्रदूषण**—पर्यावरण विभाग या राज्य वन विभाग मित्रिकम, वायु (प्रदूषण निवारण और नियंत्रण) अधिनियम, 1981 के उपबंधों के अनुसार, पारिस्थितिक संवेदी जोन में, वायु प्रदूषण के नियंत्रण के लिए मार्गदर्शक सिद्धांत और विनियम की विरचना करने वाला प्राधिकरण होगा।

(6) **बहिस्त्रावों का निस्सारण**—पारिस्थितिक संवेदी जोन में उपचारित बहिस्त्राव जल का निस्सारण जल (प्रदूषण निवारण तथा नियंत्रण) अधिनियम, 1974 (1974 का 6) के उपबंधों के अनुसार होगा।

(7) **ठोस अपशिष्ट**—(1) ठोस अपशिष्ट का निपटान निम्नानुसार किया जाएगा:-

(i) पारिस्थितिक संवेदी जोन में ठोस अपशिष्ट का निपटान समय-समय पर यथा संशोधित अधिसूचना सं. का.आ. 908(अ) तारीख 25 सितंबर, 2000 द्वारा केन्द्रीय सरकार द्वारा प्रकाशित नगरपालिक ठोस अपशिष्ट (प्रबंध और हथालन) नियम, 2000 के उपबंधों के अनुसार किया जाएगा;

(ii) स्थानीय प्राधिकरण जैव निम्नीकरणीय और अजैव निम्नीकरणीय संघटकों में ठोस अपशिष्टों के संपृथकन के लिए योजनाएं तैयार करेंगे;

(iii) जैव निम्नीकरणीय सामग्री को अधिमानतः खाद बनाकर या कृमि खेती के माध्यम से पुनःचक्रित किया जाएगा;

(iv) अकार्बनिक सामग्री का निपटान किसी पर्यावरणीय स्वीकृत रीति में होगा।

(8) **जैव चिकित्सा अपशिष्ट**—पारिस्थितिकी संवेदी जोन में जैव चिकित्सा अपशिष्ट का निपटान भारत के राजपत्र में अधिसूचना सं. का.आ. 630(अ) तारीख 20 जुलाई, 1998 में प्रकाशित जैव चिकित्सा अपशिष्ट (प्रबंधन और हथालन) नियम, 1998 के उपबंधों के अनुसार किया जाएगा।

(9) **यानीय परिवहन**—परिवहन की यानीय गतिविधियां आवास के अनुकूल विनियमित होंगी और इस संबंध में जोनल मास्टर प्लान में विशेष उपबंध अधिकथित किए जाएंगे और जोनल मास्टर प्लान के तैयार होने और पर्यावरण और वन मंत्रालय के अनुमोदन के दौरान, राज्य स्तरीय पारिस्थितिक संवेदी जोन मानीटरी समिति यानीय गतिविधियों को विद्यमान नियमों और विनियमों के अनुसार मानीटर करेगी।

4. **पारिस्थितिकी संवेदी जोन में प्रतिषिद्ध और विनियमित किए जाने वाले क्रियाकलाप**—पारिस्थितिकी संवेदी जोन में सभी कार्यकलापों का प्रशासन पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 25) के उपबंधों के अनुसार होगा और नीचे दी गई सारणी में विनिर्दिष्ट रीति में विनियमित किए जाएंगे, अर्थात् :-

9	वाणिज्यिक जल संसाधन जिसके अंतर्गत भू-जल संचयन भी है।	-	हां	-	(क) भूमि के अधिभोगी की वास्तविक कृषि और घरेलू खपत के लिए जल का निष्कर्षण (सतही और भूमिगत जल) अनुज्ञात होगा ; (ख) औद्योगिक या वाणिज्यिक उपयोग के लिए सतही और भूमिगत जल का निष्कर्षण, जिसके अंतर्गत निष्कर्षण किए जा सकने वाले जल की मात्रा भी है, के लिए संबंधित विनियामक प्राधिकरण की पूर्व लिखित अनुमति अपेक्षित होगी ; (ग) सतही या भूजल का कोई विक्रय अनुज्ञात नहीं होगा ; (घ) जल के संदूषण या प्रदूषण, जिसके अंतर्गत कृषि भी है, को रोकने के लिए सभी उपाय किए जाएंगे।
10.	नई बृहत जल विद्युत परियोजनाओं की स्थापना	हां	-	-	
11.	बिजली के तारों और दूर संचार टावरों का संनिर्माण	-	हां	-	अंडरग्राउंड केबलिंग का संवर्धन करना।
12.	स्थानीय समुदायों द्वारा प्रचलित कृषि और बागवानी प्रथाओं के साथ पशुपालन, पशुपालन कृषि, जल कृषि और मत्स्य पालन	-	-	हां	इनमें से कुछ कार्यकलापों के गहन विस्तार को तथापि मास्टर प्लान के अनुसार विनियमित किया जाना चाहिए।
13.	वर्षा जल संचयन	-	-	हां	सक्रिय रूप से संवर्धन किया जाए।
14.	होटलों और लॉजों के विद्यमान परिसरों में बाड़ लगाना	-	हां	-	
15.	वनस्पतिक बाड़ लगाना			हां	
16.	जैविक खेती	-	-	हां	सक्रिय रूप से संवर्धन किया जाएगा।
17	विद्यमान सड़कों को चौड़ा करना और उन्हें सुदृढ़ करना तथा नई सड़कों का संनिर्माण	-	हां	-	उचित पर्यावरण समाधान निर्धारण और अवशमन के लागू होने वाले उपायों के अनुसार करना होगा।

5. राज्य स्तरीय पारिस्थितिक संवेदी जोन मानीटरी समिति- (1) केंद्रीय सरकार, पारिस्थितिक संवेदी जोन के प्रभावी मानीटरी के लिए, उत्तर प्रदेश राज्य और राष्ट्रीय राजधानी राज्यक्षेत्र, दिल्ली (एनसीटी) प्रत्येक के लिए एक समिति का गठन करेगी जिसका नाम राज्य स्तरीय पारिस्थितिक संवेदी जोन मानीटरी समिति (एसईएसजेडएमसी), जो निम्नलिखित से मिलकर बनेगी, अर्थात् :-

(क) उत्तर प्रदेश राज्य के लिए राज्य स्तरीय पारिस्थितिक संवेदी जोन मानीटरी समिति (एसईएसजेडएमसी), निम्नलिखित से मिलकर बनेगी, अर्थात् :-

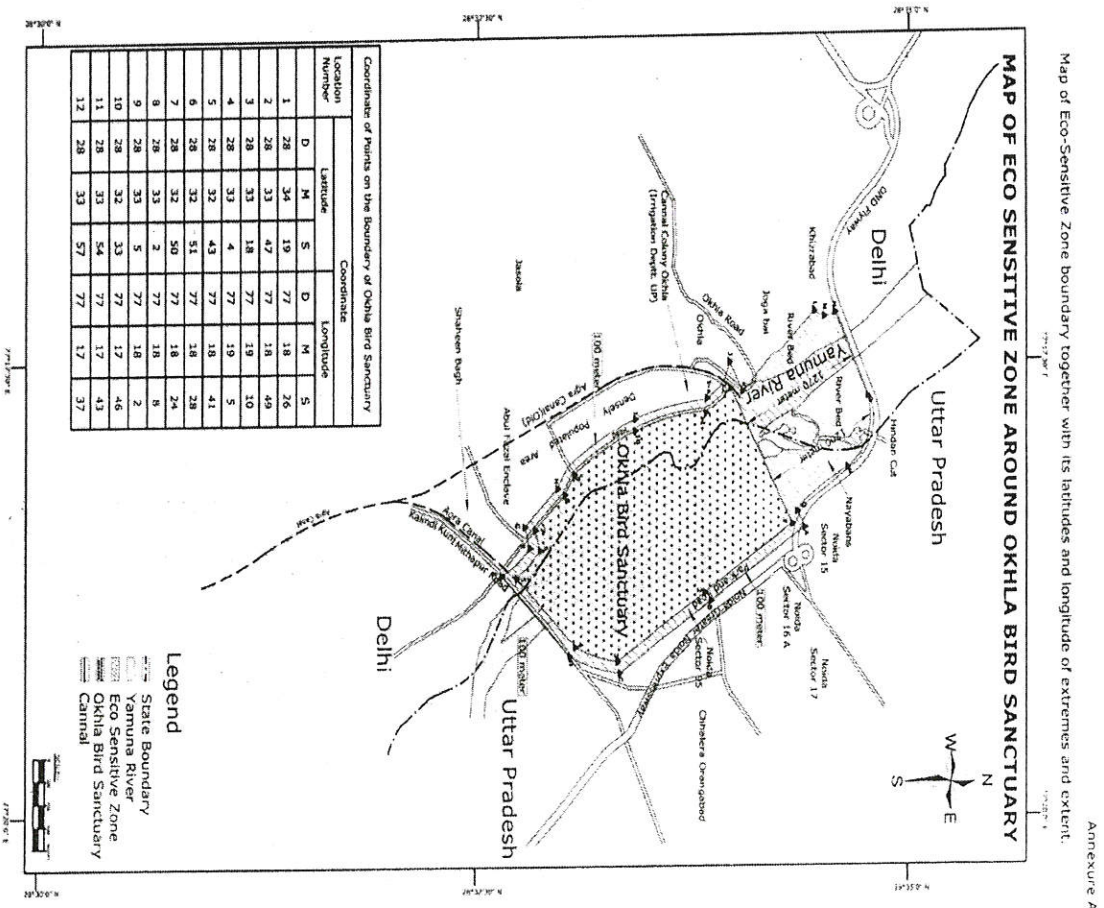
- (i) मुख्य सचिव, उत्तर प्रदेश सरकार - अध्यक्ष ;
- (ii) मुख्य वन्य जीव वार्डन, उत्तर प्रदेश सरकार - सदस्य ;
- (iii) पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय का प्रतिनिधि - सदस्य
- (iv) सदस्य सचिव, उत्तर प्रदेश राज्य प्रदूषण नियंत्रण बोर्ड - सदस्य ;
- (v) सदस्य सचिव, केन्द्रीय प्रदूषण नियंत्रण बोर्ड, पूर्व अर्जन नगर, दिल्ली - सदस्य ;
- (vi) पर्यावरण के क्षेत्र में कार्य कर रहे गैर-सरकारी संगठनों का एक प्रतिनिधि- सदस्य
- (vii) पारिस्थितिकी और पर्यावरण के क्षेत्र में एक विषय विशेषज्ञ - सदस्य ;
- (viii) प्रधान सचिव, पर्यावरण और वन, उत्तर प्रदेश सरकार - सदस्य
- (ix) प्रधान सचिव, राजस्व विभाग, उत्तर प्रदेश सरकार - सदस्य
- (x) प्रधान सचिव, आवास और शहरी योजना विभाग, उत्तर प्रदेश सरकार - सदस्य ;
- (xi) प्रधान सचिव, कृषि विभाग, उत्तर प्रदेश सरकार - सदस्य ;
- (xii) प्रधान सचिव, सिंचाई विभाग, उत्तर प्रदेश सरकार - सदस्य ;
- (xiii) संबंधित जिला कलेक्टर-सदस्य ;
- (xiv) संबंधित प्रभागीय वन अधिकारी- सदस्य ;
- (xv) प्रधान वन संरक्षक (वन्य जीव), उत्तर प्रदेश सरकार-सदस्य सचिव।

(ख) राष्ट्रीय राजधानी राज्यक्षेत्र, दिल्ली के लिए राज्य स्तरीय पारिस्थितिक संवेदी जोन मानीटरी समिति (एसईएसजेडएमसी), निम्नलिखित से मिलकर बनेगी, अर्थात् :-

- (i) मुख्य सचिव, राष्ट्रीय राजधानी राज्यक्षेत्र दिल्ली- अध्यक्ष ;
- (ii) मुख्य वन्य जीव वार्डन, राष्ट्रीय राजधानी राज्यक्षेत्र दिल्ली- सदस्य ;
- (iii) पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय का प्रतिनिधि- सदस्य
- (iv) सदस्य सचिव, दिल्ली प्रदूषण नियंत्रण बोर्ड - सदस्य ;
- (v) सदस्य सचिव, केन्द्रीय प्रदूषण नियंत्रण बोर्ड, पूर्व अर्जन नगर, दिल्ली - सदस्य ;
- (vi) पर्यावरण के क्षेत्र में कार्य कर रहे गैर सरकारी संगठनों का एक प्रतिनिधि-सदस्य
- (vii) पारिस्थितिकी और पर्यावरण के क्षेत्र में एक विषय विशेषज्ञ - सदस्य ;

उपाबंध-1

ओखला पक्षी अभ्यारण्य, राष्ट्रीय राजधानी राज्यक्षेत्र (एनसीआर) के चारों ओर पारिस्थितिक संवेदी जोन की सीमा के मानचित्र के साथ बाहरी अक्षांश और रेखांश



उपाबंध 3

प्रस्तावित ओखला पक्षी अभ्यारण्य, उत्तर प्रदेश और राष्ट्रीय राजधानी राज्यक्षेत्र, दिल्ली के पारिस्थितिक संवेदी जोन के भीतर आने वाले शहरी क्षेत्र/ग्रामों की सूची

क्रम सं.	राज्य	शहरी क्षेत्र/ग्राम का नाम	बिंदु	रेखांश			अक्षांश			तहसील	जिला
				डिग्री	मिनट	सेकेंड	डिग्री	मिनट	सेकेंड		
1.	उत्तर प्रदेश	सेक्टर 95, नोएडा	बी	28	33	51	77	18	50	दादरी	गौतम बुद्ध नगर
2.	उत्तर प्रदेश	छलेरा औरंगाबाद	सी	28	33	18	77	19	13	दादरी	गौतम बुद्ध नगर
3.	उत्तर प्रदेश	नयावांस	पी	28	34	38	77	18	7	दादरी	गौतम बुद्ध नगर
4.	दिल्ली	शाहीन बाग	जी	28	32	46	77	18	22	मैहरोली	दक्षिण पूर्व दिल्ली
5.	दिल्ली	जसोला	एच	28	32	59	77	18	6	मैहरोली	दक्षिण पूर्व दिल्ली
6.	दिल्ली	अबुल फजल एन्क्लेव	आई	28	33	26	77	17	45	मैहरोली	दक्षिण पूर्व दिल्ली
7.	दिल्ली	ओखला	जे	28	33	59	77	17	34	मैहरोली	दक्षिण पूर्व दिल्ली
8.	दिल्ली	कैनाल कॉलोनी, उत्तर प्रदेश, सिंचाई विभाग	आई-ए	28	33	54	77	17	35	मैहरोली	दक्षिण पूर्व दिल्ली
9.	दिल्ली	जोगाबाई	के	28	34	2	77	17	41	मैहरोली	दक्षिण पूर्व दिल्ली
10.	दिल्ली	खिजराबाद	एल	28	34	28	77	17	15	मैहरोली	दक्षिण पूर्व दिल्ली

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi Vadodara Expressway KMP- Interchange
(NH-148 NA) under Bharatmala Parlyojana (Lot-4/Package-1) in the State of Delhi

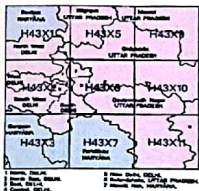
Annexure (Ca)



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Scale 1:50,000



सर्वेक्षण विभाग
SURVEY OF INDIA

1st Edition 1988

CONVENTIONAL SYMBOLS

Major National Highways	1
Minor National Highways	2
State Highways	3
District Roads	4
Unclassified Roads	5
Canals	6
Rivers	7
Lakes	8
Waterfalls	9
Swamps	10
Marshes	11
Barren Land	12
Culturable Waste Land	13
Forest Land	14
Protected Forest	15
Non-Protected Forest	16
Sanctuary	17
National Park	18
Wildlife Sanctuary	19
Archaeological Remains	20
Monuments	21
Temples	22
Mosques	23
Churches	24
Other Places of Worship	25
Public Buildings	26
Government Buildings	27
Private Buildings	28
Industrial Buildings	29
Commercial Buildings	30
Residential Buildings	31
Other Buildings	32
Power Lines	33
Telegraph Lines	34
Railways	35
Other Transport Lines	36
Other Symbols	37

NOTES

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2. The map is a reproduction of the original map and is not to be used for any purpose other than that for which it was prepared.

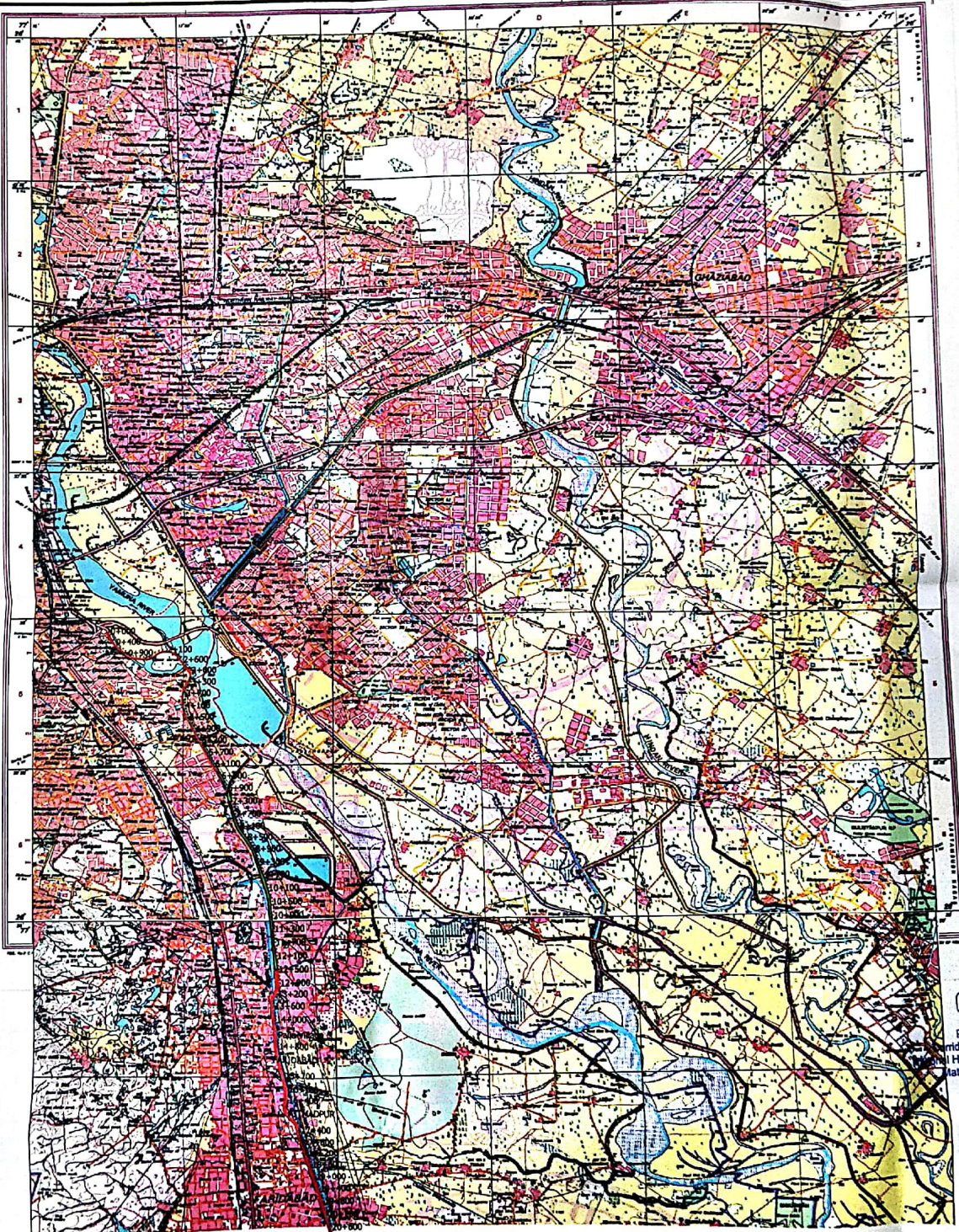
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Legend

- Proposed Alignment
- Design Chainage
- Proposed Forest land for Diversion



Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

COMPENSATORY AFFORESTATION LAND

Construction of 6 Lane access controlled Highway from DND Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Pkg-1) in state of Delhi



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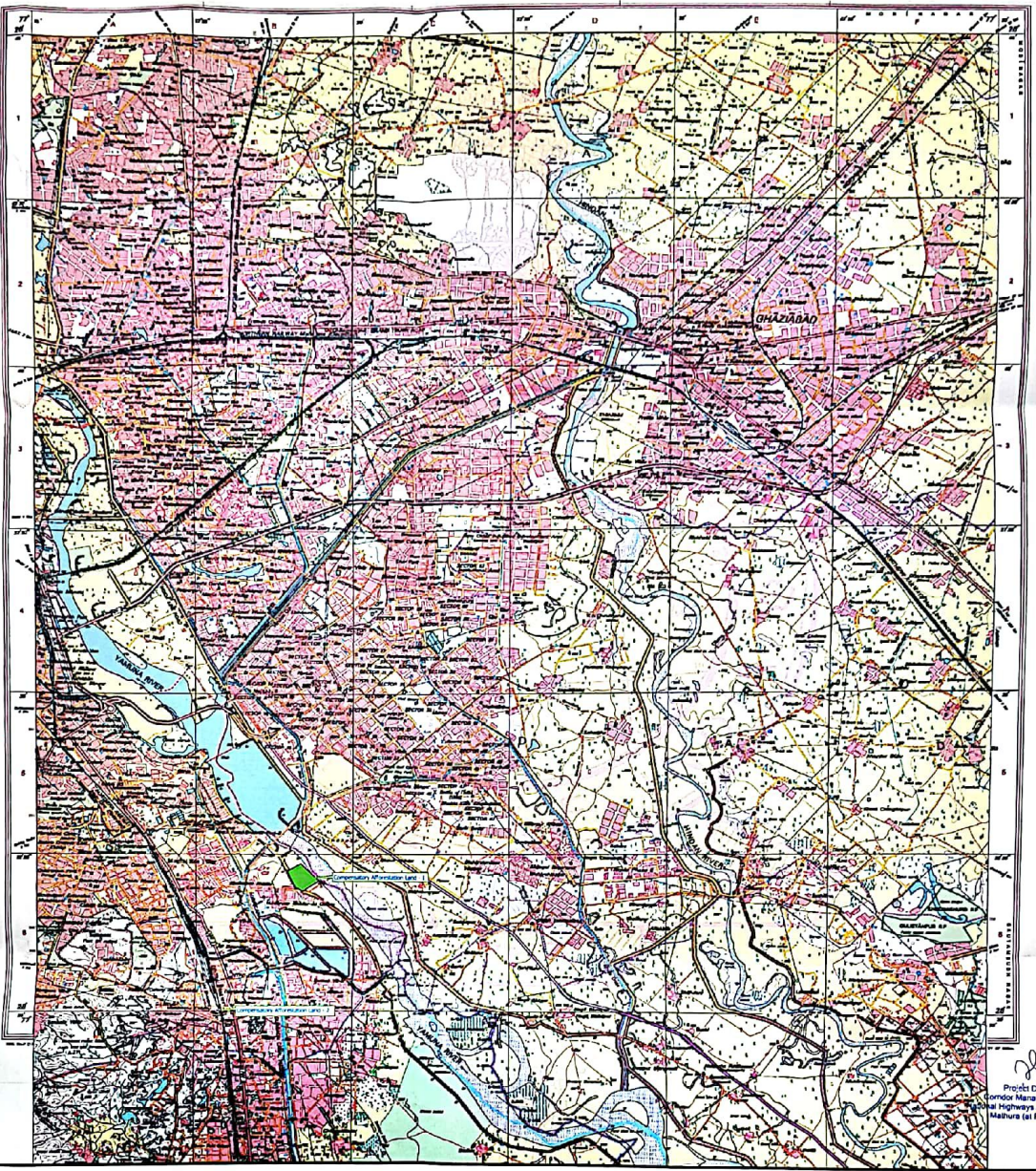
SURVEY OF INDIA

CONVENTIONAL SYMBOLS

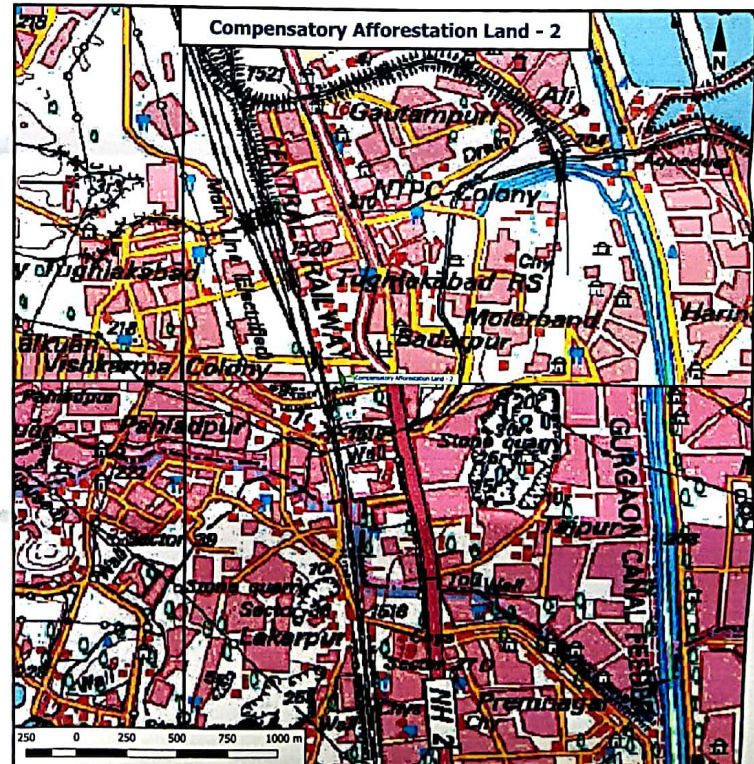
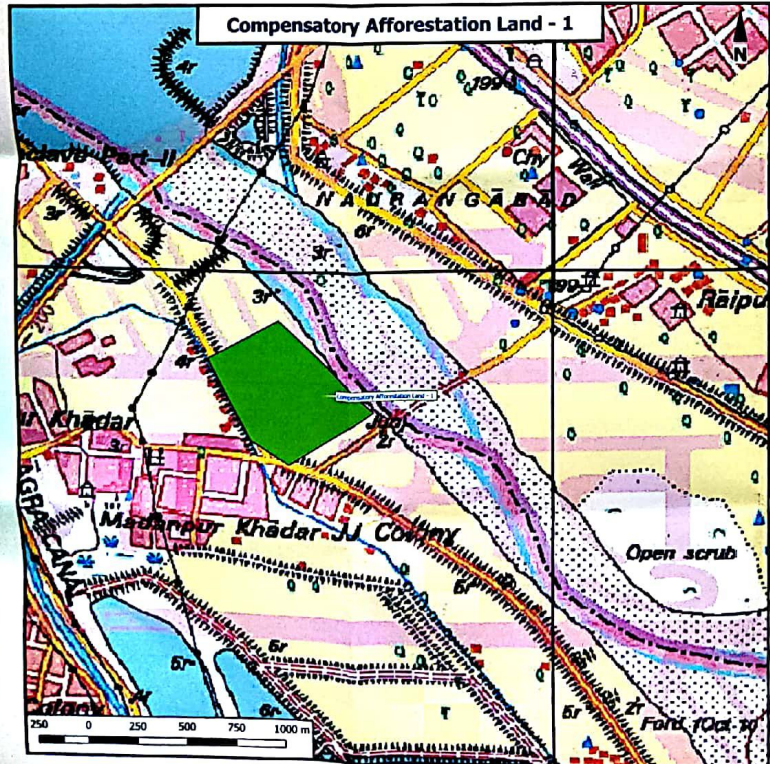
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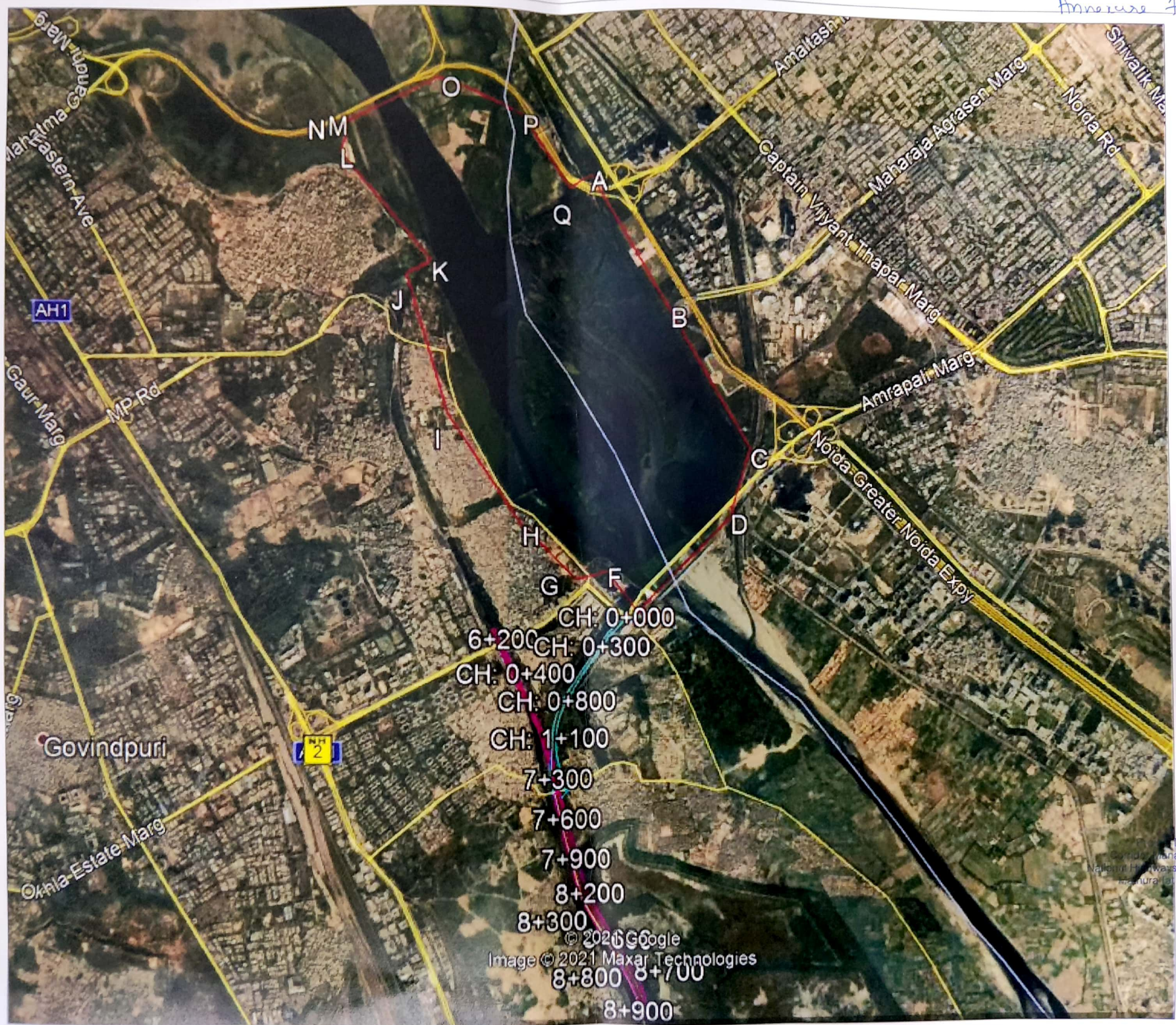
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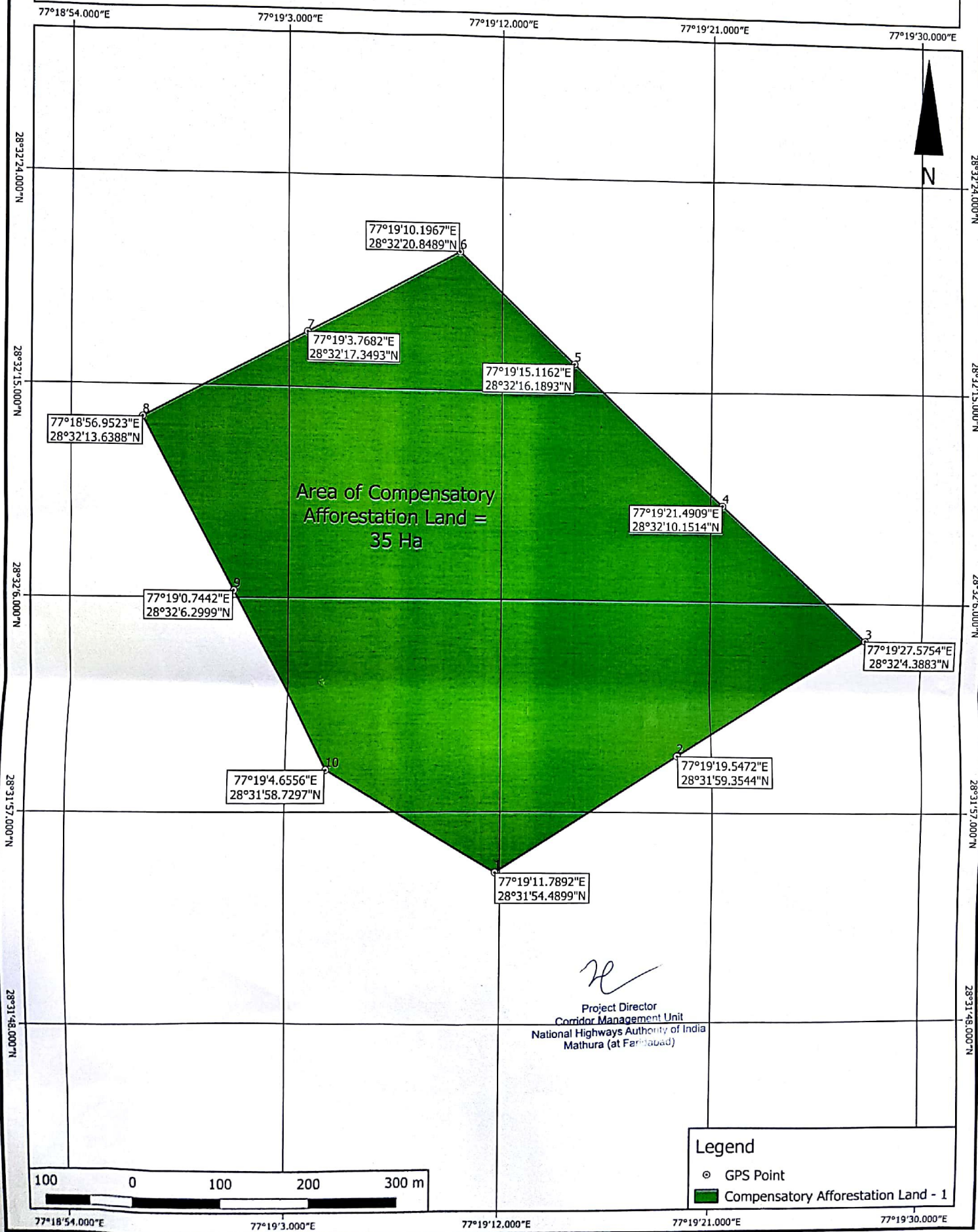
Project Director
Corridor Management Unit
The Highway Authority of India
Mathura (at Faridabad)





Director
Road Management Unit
National Highways Authority of India
Faridabad

DGPS MAP OF COMPENSATORY AFFORESTATION LAND - 1 **Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass** **Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala** **Pariyojana (Lot-4/Pkg-1) in state of Delhi**



DGPS MAP OF COMPENSATORY AFFORESTATION LAND - 2
Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh
Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under
Bharatmala Pariyojana (Lot-4/Pkg-1) in state of Delhi

