

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

CHECK LIST SERIAL NUMBER - 09

JUSTIFICATION

FOR LOCATING THE PROJECT IN PROTECTED FOREST AREA

The Ministry of Road Transport and Highways (MoRTH), Government of India has proposed "Bharatmala Pariyojana" an Umbrella scheme of road development project through National Highways Authority of India (NHAI), National Highway, Industrial Development Corporation Ltd (NHIDCL) and State Public Works Departments (PWD). This is the second largest highways construction project in the country after NHDP, where in almost 50,000 Km of roads are targeted to construct across the country. This project aim to improve connectivity particularly on economic corridors, border areas and to remote areas with an aim of rapid and safe movement of cargo to boost exports. International trade considered as a key aspect in this scheme and North eastern states have been given special focus.

In pursuance of the above the Ministry of Road Transport and Highways (MoRTH)/ National Highways Authority of India (NHAI) have decided to Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch 0.000 to 9.000) in the NCR of Delhi (PKG-I), PKG-II from Junction Jaitpur-Pushta Road to Junction Sec-62/65 road on Faridabad-Ballabhgarh Bypass of NH-148NA (Design Ch 9.00 to 33.00) including spur from Design Ch 13.200 to Junction with NH19 near Badarpur Border and PKG-III from Junction with Sec-62/65 dividing road on Faridabad-Ballabhgarh Bypass to Junction near KMP Expressway with NH-148NA Delhi-Vadodara Expressway Section of NH-148NA (Design Ch 33.00 to 59.063) in state of Haryana under Bharatmala Pariyojana (Lot-4/Package-1) to improve the efficiency of freight movement.

Project stretch falls in the State of Delhi and Faridabad, 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 Km². 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 flyover (DND), Delhi Gurugram Expressway, Delhi Faridabad skyway etc.

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.

Sufficient care has been taken during the design stage to avoid acquisition of forest land located along the project road. However, at some locations the proposed project falls in deemed forest land and diversion of deemed forest land is unavoidable and barest minimum i.e. 0.35 Ha.



DEEPA MITAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

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

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

CHECK LIST SERIAL NUMBER -07

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

S. No.	District	Division	Range/ Tehsil/ Village	Khasra/ Survey or Compartment Number or KM. Stone	Non-forest area involved in the proposal (HA)	Present Land Use	Remarks
1	2	3	4	5	6	7	8
1	South East	South Forest	Kalindi Colony	00+000-00+800	2.8	-	
2			Khizarabad Bhagol	00+800-01+480	2.04	-	
3			Jogabai	01+480-03+620	6.42	-	
4			Jasola Vihar	03+620-05+250	5.89	-	
5			Madanpur Khadar	05+250-06+730	6.05	-	
6			Badarpur	06+730-07+950	3.645	-	
7			Saurav Vihar	07+950-8+020	0.077	-	
8			Chajjan Nagar	08+020-09+000	2.728	-	
			Total		29.65		



Signature of User Agency

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

9
 17(1)
 MANDEEP MITTAL, IFS
 Deputy Conservator of Forests (South)
 Department of Forests & Wildlife
 Govt. of NCT of Delhi
 Near Dr. Karni Singh, Shooting Range
 Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

CHECK LIST SERIAL NUMBER - 04

Maps of the project Site/forest area required clearly showing forest Boundaries and adjoining areas with their land use in distinct colors in 1:50000 or any suitable scale on original Survey of India toposheet

Maps of the project Site/forest area required clearly showing forest Boundaries and adjoining areas with their land use in distinct colors in 1:50000 or any suitable scale on original Survey of India toposheet for Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)



Signature of Project Director
Conservation Management Unit
National Highway Authority of India
Mathura (at Faridabad)

9
17/3
MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

CHECK LIST SERIAL NUMBER -06

STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR DIVERSION

S. No.	District	Division	Range/ Tehsil/ Village	Khasra/ Survey or Compartment Number or KM. Stone	Forest Area proposed for Diversion (Ha.)	Legal status of Forest Area	Remarks
1	2	3	4	5	6	7	8
1	South East	South Forest	Kalindi Colony	00+000-00+800	0.35	Deemed Forest	
2			Khizarabad Bhagol	00+800-01+480	0.0	-	
3			Jogabai	01+480-03+620	0.0	-	
4			Jasola Vihar	03+620-05+250	0.0	-	
5			Madanpur Khadar	05+250-06+730	0.0	-	
6			Badarpur	06+730-07+950	0.0	-	
7			Saurav Vihar	07+950-08+020	0.0	-	
8			Chajjan Nagar	08+020-09+000	0.0	-	
				Total	0.35		




Signature of User Agency

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


MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

CHECK LIST SERIAL NUMBER - 05

DGPS map for the forest area demanded for diversion (In case of linear diversion of forest land, linear map or a diagrammatic map of the project site

DGPS map for the forest area demanded for diversion (linear map or a diagrammatic map of the project site for Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)



Signature of User Agency

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

6
17/12

MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

CHECK LIST SERIAL NUMBER - 03

DETAIL NOTE ON THE PROJECT

The Ministry of Road Transport and Highways (MoRTH), Government of India has proposed "Bharatmala Pariyojana" an Umbrella scheme of road development project through National Highways Authority of India (NHAI), National Highway, Industrial Development Corporation Ltd (NHIDCL) and State Public Works Departments (PWD). This is the second largest highways construction project in the country after NHDP, where in almost 50,000 Km of roads are targeted to construct across the country. This project aim to improve connectivity particularly on economic corridors, border areas and to remote areas with an aim of rapid and safe movement of cargo to boost exports. International trade considered as a key aspect in this scheme and North Eastern states have been given special focus.

In pursuance of the above, SA Infrastructure Consultants Pvt. Ltd., Noida has been appointed as Consultants to carry out the Consultancy Services for Preparation of DPR for development of Economic Corridor, Inter Corridors and Feeder Routes to improve the efficiency of freight movement in India under Bharatmala Pariyojana (Lot-4/Package-1) section in the state of Delhi and Haryana (DND-Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodra Expressway KMP-Interchange).

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 Km². 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.

Proposed road Starting Ch. 0+000 takes off from DND Maharani Bagh and end at Ch. 59.063 at Junction near KMP Expressway with NH-148NA Delhi-Vadodara Expressway Section of NH-148NA. The Design length of project road is 59.063 Km. Project stretch is divided into 3 packages. PKG-I from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148NA (Design Ch 0.000 to 9.000) in the NCR of Delhi, PKG-II from Junction Jaitpur-Pushta Road to Junction Sec-62/65 road on Faridabad-Ballabhgarh Bypass of NH-148NA (Design Ch 9.00 to 33.00) including spur from Design Ch 13.200 to Junction with NH19 near Badarpur Border and PKG-III from Junction with Sec-62/65 dividing road on Faridabad-Ballabhgarh Bypass to Junction near KMP Expressway with NH-148NA Delhi-Vadodara Expressway Section of NH-148NA (Design Ch 33.00 to 59.063) in the State of Haryana.



Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

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

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

Following are the expected benefits due to the proposed national highway:

- Better level of service in terms of improved riding quality and smooth traffic flow.
- Faster transportation will ultimately lead to massive savings in the form of reduced wear and tear of vehicles, reduced vehicle operating costs (VOCs) and total reduction in transportation costs etc.
- With the improvement of road surface, the traffic congestion due to obstructed movement of vehicles will be minimized and thus wastage of fuel emissions from the vehicles will be reduced.
- Increased road landscaping and safety features.
- Enhanced connectivity between rural & urban population which will benefit the all sections of the society like general population, small-medium-large scale industries, farmers, businessmen etc.
- Improved access to higher education facilities & modern health facilities.
- Strengthening of both rural & urban economies which in turn will improve economic scenario of the state and country.
- Improved road connectivity helps in better implementation and management of government schemes.
- With improvement in economy, more generation of employment opportunities.
- Overall improvement of the region.



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

9
1715
MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

CHECK LIST SERIAL NUMBER – 10

CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that the deemed forest land involved in the proposed road is unavoidable and barest minimum i.e. **0.35 Ha** under South Forest Division, Delhi is proposed for diversion for “Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/ Package-1)”.



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

9)
17/12
MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

CHECK LIST SERIAL NUMBER – 11

UNDERTAKING

(FOR PAYMENT OF COST OF COMPENSATORY AFFORESTATION)

I/We, V.K.Joshi, Project Director, CMU Mathura, NHAI, hereby, on behalf of National Highways Authority of India undertake to pay the entire amount for Compensatory Afforestation in lieu of the **0.35 Ha** Deemed Forest land under jurisdiction of South Forest Division, Delhi diverting for “Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)” as per prevailing wage rates at the time of plantation.

Signature of User Agency

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



(A)

MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

CHECK LIST SERIAL NUMBER – 12

UNDERTAKING

(FOR PAYMENT OF NET PRESENT VALUE OF FOREST AREA)

I/We, V.K.Joshi, Project Director, CMU Mathura, NHAI, hereby, on behalf of National Highways Authority of India undertake to pay the entire amount for Net Present Value in lieu of the **0.35 Ha** Deemed Forest land under jurisdiction of South Forest Division, Delhi diverting for “Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/ Package-1)”.

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



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

6
1712
MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No.: FP/DL/ROAD/142829/2021

CHECK LIST SERIAL NUMBER – 12-A

UNDERTAKING

(FOR PAYMENT OF ADDITIONAL NET PRESENT VALUE OF FOREST AREA)

I/We, V.K.Joshi, Project Director, CMU Mathura, NHAI, hereby, on behalf of National Highways Authority of India undertake to pay the entire amount for Net Present Value in lieu of the **0.35 Ha** Deemed Forest land under jurisdiction of South Forest Division, Delhi diverting for “Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/ Package-1)”.

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



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

9
17/10
MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No.: FP/DL/ROAD/142829/2021

CHECK LIST SERIAL NUMBER - 13

UNDERTAKING FOR FRA CERTIFICATE

It is to certify that I/We, V.K.Joshi, Project Director, CMU Mathura, NHAI, hereby, on behalf of National Highways Authority of India undertakes that we have applied **0.35 Ha** Deemed Forest land under jurisdiction of South Forest Division, Delhi diverting for "Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/ Package-1)", settlement of rights under the FRA has been initiated under Forest Right Act, 2006 and will be completed before the final approval.



Signature of User Agency

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

①
17/12
WIRUDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

UNDERTAKING

LOCATION MAP

(Compensatory Afforestation Land)

Location Map of Non-forest land identified for Compensatory Afforestation in lieu of the proposal for diversion of **0.35 Ha** Deemed Forest land for “Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/ Package-1)”, under South forest division and district South East.

Map attached of the land to be taken for Compensatory Afforestation.


Signature of User Agency

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



9
17/12
MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

UNDERTAKING

STATUS OF ENVIRONMENT AND CRZ CLEARANCE UNDER THE ENVIRONMENTAL (PROTECTION) ACT, 1986 WHEREVER REQUIRED

As per Environmental Impact Assessment (EIA) Notification, 2006 and its subsequent amendment on 22nd August, 2013 Environment clearance and CRZ clearance is not required for this project "Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/ Package-1)", under South forest division and district South East.



Signature of User Agency

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

9
1712
MOHINDER MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

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 Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/ Package-1)” 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.



Signature of User Agency

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

9
1713
MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

UNDERTAKING

(For No Other Feasible Alternative of Alignment and Diversion of Barest Minimum Forest Land)

I/We, V.K.Joshi, Project Director, CMU Mathura, NHAI, hereby, undertake that, there are no other feasible alternative of alignment for have applied for “Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/ Package-1)”.

It is further state that the **0.35 Ha** Deemed Forest land under jurisdiction of South Forest Division, Delhi involved for the project is declared as Deemed Forest land and it is barest minimum.


Signature of User Agency

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



6
JEEPS MITAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

Undertaking for No Wildlife Area

This is to certify that forest area which is required to be diverted of project namely “Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/ Package-1)” is not a part of Wildlife Area. Also proposed project road alignment does NOT traverse through Wildlife Area, Eco-sensitive Zone (ESZ) of notified Ecologically Sensitive Area (ESA) of similar nature.

Signature of User Agency

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



6)
17)
MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1)

Proposal No. : FP/DL/ROAD/142829/2021

**Undertaking for Non-starting of any activity without sanction from
Competent Authority**

This is to certify that the construction work of project road namely “Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/ Package-1)” has yet not started in forest area/ land. Any civil/construction work in the forest area in not started and No Violation of Forest Conservation Act, 1980 and or its guidelines have been committed. The work in forest land will be started only after Forest Department accords permission.


Signature of User Agency



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

9
17/5

MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1).

Species wise complete enumeration of trees in the proposed area

Sr. 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>Ziziphus mauritiana</i>	Beri	1	1	-	-	-	-	2
2	<i>Azadirachta indica</i>	Neem	-	-	2	-	-	-	2
3	<i>Ficus religiosa</i>	Peepal	-	1	-	-	-	1	2
4	<i>Morus alba</i>	Sahtut	-	-	1	-	-	-	1
	TOTAL		1	2	3	-	-	1	7
1	<i>Vachellia nilotica</i>	Babool	3	5	2	-	-	-	10
2	<i>Prosopis juliflora</i>	Kikar	2	2	1	1	-	-	6
3	<i>Leucaena leucocephala</i>	Subabul	52	81	44	6	1	-	184
	TOTAL		57	88	47	7	1	-	200
GRAND TOTAL			58	90	50	7	1	1	207




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

①
17/5
MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1).

Species wise summary of tree to be felled/Cut			
Sr. No.	Botanical name	Local Name	Number of tree
1	<i>Vachellia nilotica</i>	Babool	10
2	<i>Vachellia nilotica</i>	Kikar	6
3	<i>Leucaena leucocephala</i>	Subabul	184
Total			200

Sr. No.	Tree No.	Botanical Name	Local Name	Girth (cm)
1	1	<i>Vachellia nilotica</i>	Kikar	108
2	2	<i>Leucaena leucocephala</i>	Subabul	39
3	3	<i>Leucaena leucocephala</i>	Subabul	35
4	4	<i>Leucaena leucocephala</i>	Subabul	23
5	5	<i>Vachellia nilotica</i>	Kikar	24
6	6	<i>Vachellia nilotica</i>	Kikar	32
7	7	<i>Leucaena leucocephala</i>	Subabul	25
8	8	<i>Leucaena leucocephala</i>	Subabul	29
9	9	<i>Leucaena leucocephala</i>	Subabul	26
10	10	<i>Leucaena leucocephala</i>	Subabul	61
11	11	<i>Leucaena leucocephala</i>	Subabul	34
12	12	<i>Leucaena leucocephala</i>	Subabul	23
13	13	<i>Leucaena leucocephala</i>	Subabul	24
14	14	<i>Leucaena leucocephala</i>	Subabul	36
15	15	<i>Leucaena leucocephala</i>	Subabul	40
16	16	<i>Leucaena leucocephala</i>	Subabul	48
17	17	<i>Leucaena leucocephala</i>	Subabul	24
18	18	<i>Leucaena leucocephala</i>	Subabul	39
19	19	<i>Leucaena leucocephala</i>	Subabul	48
20	20	<i>Leucaena leucocephala</i>	Subabul	32
21	21	<i>Leucaena leucocephala</i>	Subabul	25
22	22	<i>Leucaena leucocephala</i>	Subabul	40
23	23	<i>Leucaena leucocephala</i>	Subabul	36
24	24	<i>Leucaena leucocephala</i>	Subabul	20
25	25	<i>Leucaena leucocephala</i>	Subabul	36
26	26	<i>Leucaena leucocephala</i>	Subabul	93



MANDESWANTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

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

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG - I) under Bharatmala Pariyojana (Lot-4/Package-1).

27	28	<i>Leucaena leucocephala</i>	Subabul	53
28	29	<i>Vachellia nilotica</i>	Kikar	19
29	30	<i>Vachellia nilotica</i>	Kikar	32
30	31	<i>Leucaena leucocephala</i>	Subabul	24
31	32	<i>Leucaena leucocephala</i>	Subabul	17
32	33	<i>Leucaena leucocephala</i>	Subabul	28
33	34	<i>Leucaena leucocephala</i>	Subabul	32
34	35	<i>Leucaena leucocephala</i>	Subabul	50
35	38	<i>Leucaena leucocephala</i>	Subabul	30
36	39	<i>Leucaena leucocephala</i>	Subabul	26
37	40	<i>Leucaena leucocephala</i>	Subabul	35
38	41	<i>Leucaena leucocephala</i>	Subabul	18
39	42	<i>Leucaena leucocephala</i>	Subabul	19
40	43	<i>Leucaena leucocephala</i>	Subabul	59
41	44	<i>Leucaena leucocephala</i>	Subabul	31
42	45	<i>Leucaena leucocephala</i>	Subabul	70
43	46	<i>Leucaena leucocephala</i>	Subabul	26
44	47	<i>Leucaena leucocephala</i>	Subabul	68
45	48	<i>Leucaena leucocephala</i>	Subabul	70
46	49	<i>Leucaena leucocephala</i>	Subabul	70
47	50	<i>Leucaena leucocephala</i>	Subabul	73
48	51	<i>Leucaena leucocephala</i>	Subabul	100
49	52	<i>Leucaena leucocephala</i>	Subabul	140
50	53	<i>Leucaena leucocephala</i>	Subabul	52
51	54	<i>Leucaena leucocephala</i>	Subabul	79
52	55	<i>Leucaena leucocephala</i>	Subabul	74
53	56	<i>Leucaena leucocephala</i>	Subabul	50
54	57	<i>Leucaena leucocephala</i>	Subabul	45
55	58	<i>Leucaena leucocephala</i>	Subabul	60
56	60	<i>Leucaena leucocephala</i>	Subabul	28
57	61	<i>Leucaena leucocephala</i>	Subabul	30
58	62	<i>Leucaena leucocephala</i>	Subabul	45
59	63	<i>Leucaena leucocephala</i>	Subabul	21
60	64	<i>Leucaena leucocephala</i>	Subabul	43
61	65	<i>Leucaena leucocephala</i>	Subabul	53
62	66	<i>Leucaena leucocephala</i>	Subabul	44
63	67	<i>Leucaena leucocephala</i>	Subabul	26
64	68	<i>Leucaena leucocephala</i>	Subabul	50
65	70	<i>Leucaena leucocephala</i>	Subabul	18



MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh Shooting Range
Tughlakabad, Delhi

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

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG - I) under Bharatmala Pariyojana (Lot-4/Package-1).

66	71	<i>Leucaena leucocephala</i>	Subabul	34
67	72	<i>Leucaena leucocephala</i>	Subabul	62
68	73	<i>Leucaena leucocephala</i>	Subabul	76
69	74	<i>Leucaena leucocephala</i>	Subabul	70
70	75	<i>Leucaena leucocephala</i>	Subabul	48
71	76	<i>Leucaena leucocephala</i>	Subabul	90
72	77	<i>Leucaena leucocephala</i>	Subabul	53
73	78	<i>Leucaena leucocephala</i>	Subabul	15
74	79	<i>Leucaena leucocephala</i>	Subabul	43
75	80	<i>Leucaena leucocephala</i>	Subabul	39
76	81	<i>Vachellia nilotica</i>	Kikar	74
77	82	<i>Leucaena leucocephala</i>	Subabul	60
78	83	<i>Leucaena leucocephala</i>	Subabul	41
79	84	<i>Leucaena leucocephala</i>	Subabul	27
80	85	<i>Leucaena leucocephala</i>	Subabul	80
81	86	<i>Leucaena leucocephala</i>	Subabul	52
82	87	<i>Leucaena leucocephala</i>	Subabul	30
83	88	<i>Leucaena leucocephala</i>	Subabul	87
84	89	<i>Leucaena leucocephala</i>	Subabul	68
85	90	<i>Leucaena leucocephala</i>	Subabul	90
86	91	<i>Leucaena leucocephala</i>	Subabul	28
87	92	<i>Leucaena leucocephala</i>	Subabul	47
88	93	<i>Leucaena leucocephala</i>	Subabul	42
89	94	<i>Leucaena leucocephala</i>	Subabul	58
90	95	<i>Leucaena leucocephala</i>	Subabul	55
91	96	<i>Leucaena leucocephala</i>	Subabul	100
92	99	<i>Leucaena leucocephala</i>	Subabul	55
93	100	<i>Leucaena leucocephala</i>	Subabul	48
94	101	<i>Leucaena leucocephala</i>	Subabul	80
95	102	<i>Leucaena leucocephala</i>	Subabul	45
96	103	<i>Leucaena leucocephala</i>	Subabul	42
97	104	<i>Leucaena leucocephala</i>	Subabul	32
98	105	<i>Leucaena leucocephala</i>	Subabul	76
99	106	<i>Leucaena leucocephala</i>	Subabul	28
100	107	<i>Leucaena leucocephala</i>	Subabul	32
101	108	<i>Leucaena leucocephala</i>	Subabul	16
102	109	<i>Leucaena leucocephala</i>	Subabul	30
103	110	<i>Leucaena leucocephala</i>	Subabul	25
104	111	<i>Leucaena leucocephala</i>	Subabul	73



MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range

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

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1).

105	112	<i>Leucaena leucocephala</i>	Subabul	71
106	113	<i>Leucaena leucocephala</i>	Subabul	51
107	114	<i>Leucaena leucocephala</i>	Subabul	61
108	115	<i>Leucaena leucocephala</i>	Subabul	66
109	116	<i>Leucaena leucocephala</i>	Subabul	76
110	117	<i>Leucaena leucocephala</i>	Subabul	34
111	118	<i>Leucaena leucocephala</i>	Subabul	59
112	119	<i>Leucaena leucocephala</i>	Subabul	93
113	120	<i>Leucaena leucocephala</i>	Subabul	42
114	121	<i>Leucaena leucocephala</i>	Subabul	73
115	122	<i>Leucaena leucocephala</i>	Subabul	16
116	123	<i>Leucaena leucocephala</i>	Subabul	22
117	124	<i>Leucaena leucocephala</i>	Subabul	24
118	125	<i>Leucaena leucocephala</i>	Subabul	28
119	126	<i>Leucaena leucocephala</i>	Subabul	40
120	127	<i>Leucaena leucocephala</i>	Subabul	33
121	128	<i>Leucaena leucocephala</i>	Subabul	28
122	129	<i>Leucaena leucocephala</i>	Subabul	28
123	130	<i>Leucaena leucocephala</i>	Subabul	30
124	131	<i>Leucaena leucocephala</i>	Subabul	40
125	132	<i>Leucaena leucocephala</i>	Subabul	34
126	133	<i>Leucaena leucocephala</i>	Subabul	55
127	134	<i>Leucaena leucocephala</i>	Subabul	75
128	135	<i>Leucaena leucocephala</i>	Subabul	84
129	136	<i>Leucaena leucocephala</i>	Subabul	58
130	137	<i>Leucaena leucocephala</i>	Subabul	67
131	138	<i>Leucaena leucocephala</i>	Subabul	37
132	139	<i>Leucaena leucocephala</i>	Subabul	30
133	140	<i>Leucaena leucocephala</i>	Subabul	104
134	141	<i>Leucaena leucocephala</i>	Subabul	86
135	142	<i>Leucaena leucocephala</i>	Subabul	62
136	143	<i>Leucaena leucocephala</i>	Subabul	58
137	144	<i>Leucaena leucocephala</i>	Subabul	26
138	145	<i>Leucaena leucocephala</i>	Subabul	50
139	146	<i>Leucaena leucocephala</i>	Subabul	63
140	147	<i>Leucaena leucocephala</i>	Subabul	70
141	148	<i>Leucaena leucocephala</i>	Subabul	31
142	149	<i>Leucaena leucocephala</i>	Subabul	28
143	150	<i>Leucaena leucocephala</i>	Subabul	50



MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Rajendra Prasad College, Mathura

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

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1).

144	151	<i>Leucaena leucocephala</i>	Subabul	64
145	152	<i>Leucaena leucocephala</i>	Subabul	40
146	153	<i>Vachellia nilotica</i>	Babool	58
147	154	<i>Leucaena leucocephala</i>	Subabul	60
148	155	<i>Leucaena leucocephala</i>	Subabul	42
149	156	<i>Leucaena leucocephala</i>	Subabul	24
150	157	<i>Leucaena leucocephala</i>	Subabul	19
151	158	<i>Leucaena leucocephala</i>	Subabul	16
152	159	<i>Leucaena leucocephala</i>	Subabul	17
153	160	<i>Leucaena leucocephala</i>	Subabul	25
154	161	<i>Leucaena leucocephala</i>	Subabul	31
155	162	<i>Leucaena leucocephala</i>	Subabul	47
156	163	<i>Leucaena leucocephala</i>	Subabul	46
157	164	<i>Leucaena leucocephala</i>	Subabul	21
158	165	<i>Leucaena leucocephala</i>	Subabul	68
159	166	<i>Leucaena leucocephala</i>	Subabul	23
160	167	<i>Leucaena leucocephala</i>	Subabul	88
161	168	<i>Leucaena leucocephala</i>	Subabul	48
162	169	<i>Leucaena leucocephala</i>	Subabul	67
163	170	<i>Leucaena leucocephala</i>	Subabul	57
164	171	<i>Leucaena leucocephala</i>	Subabul	45
165	172	<i>Leucaena leucocephala</i>	Subabul	60
166	173	<i>Leucaena leucocephala</i>	Subabul	21
167	174	<i>Leucaena leucocephala</i>	Subabul	31
168	175	<i>Vachellia nilotica</i>	Babool	117
169	176	<i>Leucaena leucocephala</i>	Subabul	30
170	177	<i>Leucaena leucocephala</i>	Subabul	25
171	178	<i>Leucaena leucocephala</i>	Subabul	75
172	179	<i>Leucaena leucocephala</i>	Subabul	49
173	180	<i>Leucaena leucocephala</i>	Subabul	45
174	181	<i>Leucaena leucocephala</i>	Subabul	65
175	182	<i>Leucaena leucocephala</i>	Subabul	35
176	183	<i>Leucaena leucocephala</i>	Subabul	60
177	184	<i>Leucaena leucocephala</i>	Subabul	67
178	185	<i>Leucaena leucocephala</i>	Subabul	35
179	186	<i>Leucaena leucocephala</i>	Subabul	52
180	187	<i>Leucaena leucocephala</i>	Subabul	63
181	188	<i>Leucaena leucocephala</i>	Subabul	67
182	189	<i>Leucaena leucocephala</i>	Subabul	78



MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

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

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1).

183	190	<i>Leucaena leucocephala</i>	Subabul	18
184	191	<i>Leucaena leucocephala</i>	Subabul	32
185	192	<i>Leucaena leucocephala</i>	Subabul	65
186	193	<i>Leucaena leucocephala</i>	Subabul	56
187	194	<i>Leucaena leucocephala</i>	Subabul	65
188	195	<i>Leucaena leucocephala</i>	Subabul	32
189	196	<i>Leucaena leucocephala</i>	Subabul	27
190	197	<i>Leucaena leucocephala</i>	Subabul	77
191	198	<i>Vachellia nilotica</i>	Babool	88
192	199	<i>Vachellia nilotica</i>	Babool	82
193	200	<i>Vachellia nilotica</i>	Babool	20
194	201	<i>Leucaena leucocephala</i>	Subabul	33
195	202	<i>Leucaena leucocephala</i>	Subabul	107
196	203	<i>Vachellia nilotica</i>	Babool	27
197	204	<i>Vachellia nilotica</i>	Babool	68
198	205	<i>Vachellia nilotica</i>	Babool	75
199	206	<i>Vachellia nilotica</i>	Babool	67
200	207	<i>Vachellia nilotica</i>	Babool	100



Qun

MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, New Delhi

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

Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 0+000 to 9+000) in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana (Lot-4/Package-1).

Species wise summary of tree to be Translocate			
Sr. No.	Botanical name	Local Name	Number of tree
1	<i>Ziziphus mauritiana</i>	Beri	2
2	<i>Azadirachta indica</i>	Neem	2
3	<i>Ficus religiosa</i>	Peepal	2
4	<i>Morus alba</i>	Sahtut	1
	Total		7

Sr. No.	Tree No.	Botanical Name	Local Name	Girth (cm)
1	27	<i>Ficus religiosa</i>	Peepal	48
2	36	<i>Ziziphus mauritiana</i>	Beri	37
3	37	<i>Ziziphus mauritiana</i>	Beri	27
4	59	<i>Ficus religiosa</i>	Peepal	178
5	69	<i>Morus alba</i>	Sahtut	80
6	97	<i>Azadirachta indica</i>	Neem	67
7	98	<i>Azadirachta indica</i>	Neem	87



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

[Signature]
T/15
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Full Title of the Project: Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana.

Proposal No. : FP/DL/ROAD/142829/2021

Date of Proposal: 31/05/2021

Check List Serial no.15

Site Inspection Report not below the rank of DCF/DFO

(For the Forest Land to be diverted under FCA 1980 act)

1. A proposal has been received by this office from Sh. VK Joshi, Project Director, Plot No. 8, Toll Plaza Building, Near Sarai Toll Plaza Faridabad, Faridabad- 121003, for diversion (under Forest Conservation Act, 1980) of 0.35 Ha land for non-forest purpose. The subject envisages the use of Forest land for construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana..
2. The Site Inspection of the forest land involved in the proposal has been done by me on dated 03.09.2021. During the site inspection of the site it is found that the land required by the user agency is a forest area measuring 0.35 Ha.
3. The requirement of the forest land as proposed by the user agency in Col. 2 of part I is unavoidable and is barest minimum required for this project.
4. Whether any rare/endangered/unique species of flora and fauna found in the area. If so the details thereof.- **NO**
5. Whether any protected archeological/heritage site/defence establishment or any other important monument is located in the area. If so the details thereof with the NOC from the competent authority, if required- **NO**
6. (a) The user agency has not violated the provision of forest conservation act, 1980 and no work has been started without proper sanction.
(b) It has been found that the user agency has violated the Forest Conservation Act, 1980, Indian Forest Act, 1927/ any other forest act. A detailed report as per para 1.9 of chapter 1, part C of Handbook of Forest Conservation act 1980 is attached: **NIL**

(Note: whichever of the above is applicable should be shown in bold letters).

Specific recommendation for acceptance or otherwise of the proposal:

The project for diversion of 0.35 Ha Forest land for “Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana”, is being recommended as project will improve the Road transport system.

Chir
17/5/21

Mandeep Mittal, IFS
Dy. Conservator of Forests
South Forest Division

Place: New Delhi

Date: 16.03.2022

DEPUTY MTTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Full Title of the Project: Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana.

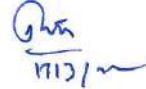
Proposal No. : FP/DL/ROAD/142829/2021

Date of Proposal: 31/05/2021

Check List Serial no.18

LAND SUITABILITY CERTIFICATE BY DFO

It is to certify that the 0.35 Ha land area proposed by National Highways Authority of India located in village Badarpur, Tehsil- Sarita Vihar District- South East with khasra no. 36//6/2 min, 36//9/1 min, 36//9/2/2 min, 36//12/1 min, 36//12/2 min, 36//30 min, 37//14/1 min, 37//14/2 min, 37//15/2 min, 37//16/1 min and 28//25/2 min in lieu of diversion of 0.35 Ha forest land area under the Forest Conservation act 1980, has been found suitable for plantation and free from encroachment.


11/3/22

**MANDEEP MITTAL, IFS
DY. CONSERVATOR OF FORESTS
SOUTH FOREST DIVISION**

Place: New Delhi

Date: 16.03.2022

**MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi**

Full title of the Project: Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana.

File no.: F. no. 18/DCF(S)/FCA/NHAI/2021-22

Date of Proposal: 31/05/2021

CHECK LIST SERIAL NUMBER: 17

**“SCHEME FOR COMPENSATORY
AFFORESTATION”**

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 0.35 Ha forest area to be diverted for Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA in the NCR of Delhi (PKG – I) under Bharatmala Pariyojana in South East District.

1. Details of non-forest land: -

District- South East Delhi Sub District - Badarpur

Village- Badarpur

Tehsil- Sarita Vihar

Name of Forest Division Range- South Forest Division

Block/ Compartment/ SurveyNo- 36//6/2 min, 36//9/1 min,
36//9/2/2 min, 36//12/1 min,
36//12/2 min, 36//30 min,
37//14/1 min, 37//14/2 min,
37//15/2 min, 37//16/1 min and
28//25/2 min

Area to be afforested- 0.35 Ha

2. Description of the Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: Yes
- II) If the CA site is other than the land bank, reasons be given:
- III) In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: N/A
- IV) Soil type: Badarpur mix

V) Topography:

(a) Hilly/ Undulating/ Plain - Plain

(b) Slope: Steep / Medium/ Gentle - Gentle

VI) Whether the area is bearing any root stock of vegetation:
No

3. **Plantationmodel: -**

Copy of the approved Compensatory Afforestation Scheme/
Model showing component - wise physical and financial break
up to be enclosed- annexed as annexure - 1

4. **Schedule of PlantationProgramme: -**

Details of year-wise break up of requirements of funds are as under: -:

Year	Area in Ha.	Rate / Ha.
1 st Year	0.35	10,32,360.00
2 nd Year		2,40,660.00
3 rd Year		2,40,660.00
4 th Year		2,40,660.00
5 th Year		2,40,660.00
6 th Year		2,40,660.00
7 th Year		2,40,660.00
8 th Year		2,40,660.00
9 th Year		2,40,660.00
10 th Year		2,40,660.00
Supervision Charge	Including fencing	6,23,610.00
Total	0.35	38,21,910.00

3. **Technical details: -**

Technical details of Compensatory Afforestation Scheme are as
follows: -

- General Details- Departmental plantation
- Spacing- 3ft. x 3ft.
- Species- Native
- Plantation Method- Block
- Soil and Moisture Conservation Works- Nil
- Protection (Fencing, Watchman, People's Participation etc.)
– Fencing & Security Guard

- g) Proposed Monitoring Mechanism-Third Party Audit
- h) Any other information-Nil



Divisional Forests Officer

South Forest Division

MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

DETAILED COMPENSATORY AFFORESTATION SCHEME

The estimated cost of the total expenditure of the **CA Scheme on non-forest land** is **Rs. 38,21,910.00/-**. The detailed CA scheme with type of work and their estimated cost is mentioned below:

ABSTRACT OF COST

No. of Items	CODE	Description of item	Qty	Unit	Rate	Amount
1	DPTA, 1994	Providing and planting 350 of trees/shrubs as compensatory Afforestation, creation of plantation including manures and water maintenance for first 5 Years, also including fencing around the plantation pocket.	350	Each	5700.00	19,95,000.00
2	DPTA, 1994	Maintenance of 350 trees/shrubs as compensatory Afforestation for next 5 years from the date of plantation.	350	Each	3438.00	12,03,300.00
6	DSR 2018	Fencing	507	metre	1230.00	6,23,610.00
Total						38,21,910.00


DEEPA MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi