



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
(सड़क परिवहन एवं राजमार्ग मंत्रालय) भारत सरकार
(Ministry of Road Transport and Highways)
Government Of India



NHAI/PIU-RMNG/12014/2020-21/ 2083

Date: 11.01.2021

To,

The Deputy Conservator of Forests,
Bangalore Urban Division,
Bangalore

Sub: Submission of Compliance for Stage-2 clearance towards diversion of 1.894 ha. of forest land in Sy. No. 12 & 13 of Uttarahalli Manavarthe (UM) Kaval, Bengaluru South Taluk, Bengaluru Urban District & Division for rehabilitation and upgrading of existing road to 2 – land with paved shoulders – 4 laning from KM 438.475 (Proposed KM 435.250) Harohalli to KM 461.550 (Proposed KM 458.420) Nice Road section to NH 209 (Project Road length 23.075 km) in favour of the Project Director, PIU, National Highways Authority of India, Basavanapura (Ramandevapurapada) Ramanagara – Reg (Proposal No. FP/KA/ROAD/26269/2017)

Ref: 1. In-Principle approval F. No. 4 -KRB1166/2018-BAN 650 dated 22.07.2019.
2. DCF office, Bangalore Urban letter no. A7. Land.NH-209/CR-38/2017-18 dated 05.11.2020

Sir,

Please refer to above cited subject, wherein the compliance for stage-1 Clearance is submitted herewith for processing the proposal for stage-2 as under.

S.No	Condition	Compliance
1	The legal status of forest land shall remain unchanged.	An undertaking has been enclosed herewith.
2	The boundary of the forest land to be diverted shall be suitably demarcated on ground at the project cost as per the directions of concerned Divisional Forest Officer before Stage-II approval.	The condition will be followed. An undertaking has been enclosed herewith.
3	The cost of raising Compensatory Afforestation in degraded forest land over an extent of 4 ha. in Sy.No. 182 of Marenahalli village of Marasandra RF in Jala Hobli – 3, Bengaluru, North Taluk (Yelhanka), Bangalore Urban District, shall be realized from the User Agency.	Compensatory Afforestation and Net Present Value inclusive of SMC works within 200 mtrs of road as per the demand note raised by the DCF, Bangalore Urban (Letter No.A7.Land.NH-209/CR-38/2017-18 dated 05.11.2020) has been paid and the same has been reflected in the Online portal in Part-2 point no.18. Copy enclosed.
4	The area identified for Compensatory Afforestation needs to be provided with Chain link fencing for better survival of plantation. A detailed model for Compensatory Afforestation inclusive of chain-link fencing, SMC works etc., may be implemented at the cost of User Agency.	

Project Implementation Unit : Ramanagara

बसवनपुर (रामदेवरपाद), रामनगर, कर्नाटक – ५६२१२२, Basavanapura (Ramadevarapada), Ramanagara, Karnataka - 562128
Phone No.: 8277 - 385842, 080 - 29780089, E-mail : piuramanagara@gmail.com, piuramanagara@nhai.org
Head Quarters : G-5 & 6, Sector -10, Dwarka, New delhi -110075, Ph.: 011-2507410

S.No	Condition	Compliance
5	Suitable SMC works, 200 mts on either side of the road, in forest area shall be undertaken at the cost of User Agency by the State Forest Department	
6	A Mitigation Plan as approved by the CWLW shall be implemented by the User Agency at their cost.	An undertaking has been enclosed herewith.
7	User Agency should fell trees only if it is necessary and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department.	An undertaking has been enclosed herewith.
8	The State Government shall charge the Net Present Value for 1.894 ha of forest area to be diverted under this proposal from User Agency as per the orders of the Hon'ble Supreme Court dated 28.03.2008 and 09.05.2008 in IA Nos.826 in 566 with related IA's in Writ Petition (Civil) No.202/1995	Compensatory Afforestation and Net Present Value inclusive of SMC works within 200 mtrs of road as per the demand note raised by the DCF, Bangalore Urban (Letter No.A7.Land.NH-209/CR-38/2017-18 dated 05.11.2020) has been paid and the same has been reflected in the Online portal in Part-2 point no.18. Copy enclosed.
9	Additional amount of the Net Present Value (NPV) of the diverted forest land if any, becoming due after revision of the same by the Hon'ble Supreme Court of India in future, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect	An undertaking has been enclosed herewith.
10	All the funds received from the User Agency under the project shall be transferred/deposited to CAMPA fund only through (https://parivesh.nic.in/)	The condition in this respect will be followed.
11	The layout plan of the proposal shall not be changed without prior approval of Central Government.	An undertaking has been enclosed herewith.
12	No labour camp shall be established on the forest land	An undertaking has been enclosed herewith.
13	No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work	The condition in this respect will be followed.
14	The forest area shall be used for the purpose for which it is granted. The total forest area utilised for the project shall not exceed 1.894 ha.	The condition in this respect will be followed.
15	The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Government of India	An undertaking has been enclosed herewith.
16	The compliance report shall be uploaded on e-portal (https://parivesh.nic.in/)	The condition in this respect will be followed.
17	Any other condition that the Ministry of Environment, Forest and Climate Change may stipulate from time to time in the interest of conservation, protection and development of Forest & Wildlife	The condition in this respect will be followed.

In view of the above, it is kindly requested to acknowledge the above Stage-1 compliance and request to process the proposal for stage-2 approval and the working permission in the Diverted Forest land for the subject project reach at the earliest.

Thanking you,

Yours faithfully,


(B.T Sridhar)

GM(Tech) & Project Director

Encl: As above

1. Copy submitted to APCCF, RO(Central) MoEF, Bangalore for favour of kind information.
2. Copy submitted to ACS, Forest, Ecology and Environment, GoK for favour of kind information.
3. Copy submitted to PCCF, HoFF, GoK for favour of kind information.
4. Copy submitted to APCCF, Nodal Officer (FCA), Bangalore for favour of kind information.
5. Copy submitted to RO, NHAI, Bangalore for favour of kind information.
6. Copy submitted to CCF, Bangalore for favour of kind information.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
 (सड़क परिवहन एवं राजमार्ग मंत्रालय) भारत सरकार
 (Ministry of Road Transport and Highways)
 Government Of India



NHAI/PIU-RMNG/12014/2020-21/

Date: 11.01.2021

UNDERTAKING

Sub:- Diversion of 1.894 ha. Of forest land in Sy. No. 12 & 13 of Uttarahalli Manavarthe (UM) Kaval, Bengaluru South Taluk, Bengaluru Urban District – Reg

I hereby, certify that the Project Authority agree and undertake to accomplish the conditions specified in the MoEFCC & GoI Stage-1 approval letter no. F. No. 4 -KRB1166/2018-BAN 650 dated 22.07.2019. (Proposal No. FP/KA/ROAD/26269/2017)

S.No	S.No as mentioned in the MoEF GoI Stage-1 approval letter	Condition
	1	The legal status of forest land shall remain unchanged
	2	The boundary of the forest land to be diverted shall be suitably demarcated on ground at the project cost as per the directions of concerned Divisional Forest Officer before Stage-II approval.
	6	A Mitigation Plan as approved by the CWLW shall be implemented by the User Agency at their cost.
	7	User Agency should fell trees only if it is necessary and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department
	9	Additional amount of the Net Present Value (NPV) of the diverted forest land if any, becoming due after revision of the same by the Hon'ble Supreme Court of India in future, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect
	11	The layout plan of the proposal shall not be changed without prior approval of Central Government.
	12	No labour camp shall be established on the forest land
	15	The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Government of India

GM (Tech) & Project Director
 PIU Ramanagara

Project Implementation Unit : Ramanagara

बसवन्नपुर (रामदेवरपाद), रामनगर, कर्नाटक - ५६२१२८ Basavanapura (Ramadevarapada), Ramanagara, Karnataka - 562128
 Phone No.: 8277 - 385842, 080 - 29780089, E-mail : piuramanagara@gmail.com, piuramanagara@nhai.org
 Head Quarters : G-5 & 6, Sector -10, Dwarka, New delhi -110075, Ph: 011-2507410



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
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(Ministry of Road Transport and Highways)
Government Of India



NHAI/PIU-RMNG/12014/2020-21/ 1064

Date: 26.09.2020

To

The Deputy Conservator of Forest
Bangalore Urban Division
Aranya Bhavan, Malleshwaram,
Bangalore

Sub: Request for Demand Note w.r.to Nodal officer, FC observation towards diversion of 1.894Ha of forest land in Sy.No.12&13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bangalore South Taluk, Bangalore Urban Division and District for NII-209 BRT tiger reserve boundary to Bangalore section project – Reg

Ref: 1. PIU letter no.NHAI/PIU-RMNG/12014/2020-21/378 dated.22.06.2020
2. DCF, Bangalore urban letter no.No.A7.Land.NH-209/CR-38/2017-18 dtd.17.08.2020 received 11.09.2020

Sir,

Please refer to above cited subject, submitted the point wise compliance for Nodal officer, FC observation vide letter cited(1) and in-continuation to this office letter we are submitting the compliance once again as under:

SL No	Nodal officer Observation	PIU Compliance
1	NPV charges wrongly calculated	The DCF urban may comply
2	SMC charges not included	Condition no.5 clearly states that "suitable SMC works, 200mtrs on either side of the road, in forest are shall be undertaken at the coat of user agency by the state forest department".Further, it is requested to include the SMC charges in the revised Demand Note which will be deposited to forest department from NHAI.
3	Wildlife Mitigation Plan not included	PCCF(wildlife) approved the wildlife mitigation plan and sent to MOEF during stage-1 Clearance and MOEF cleared the stage-1 approval with a condition at point no.6 " A mitigation plan as approved by the CWLW shall be implemented by the user agency at their cost" However, enclosing the Plan & estimate of Elephant Overpass.

Further, we have received the corrigendum Demand Notice amounting to Rs.58,25,644/- (CA & NPV charge only) vide DCF letter cited(2) without inclusion of SMC charges and compliance to Wildlife Mitigation plan raised by Nodal office, FC (Observation copy enclosed). Considering this office needs to upload the demand notice in portal for approval of nodal officer due to in-complete compliance Nodal office, FC may not-approve the proposal once again.

Project Implementation Unit : Ramanagara

बसवनपुर (रामदेवरपाद), रामनगर, कर्नाटक - ५६२१२८ Basavanapura (Ramadevarapada), Ramanagara, Karnataka - 562128
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Head Quarters : C-5 & 6, Sector - 10, Dwarka, New Delhi - 110075. Ph: 011-2507410

In view of the above, **we are enclosing herewith the Draft Demand letter in-line with Nodal officer observation** for uploading in portal for further payment process at the earliest. Since, the stage-1 approval obtained is more than one year we are unable to make the payment and comply for stage-2 approval.

Please accord priority.

Thanking You,

Yours faithfully,


(B.T. Sridhara)
GM (T) & PD

DRAFT CORRIGENDUM DEMAND NOTICE

Sub: Diversion of 1.894Ha of forest land in Sy.No.12&13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bangalore South Taluk, Bangalore Urban Division and District for NH-209 BRT tiger reserve boundary to Bangalore section project (proposal No.FP/KA/ROAD/26269/2017)

- Ref: 1) This office letter no.A7.Land.NH-209/CR-38/2017-18 dtd.13.09.2019
2) Letter no. (old file no.) A5(4).GFL.CR-5/2017-18, E-office file no. KFD/HOFF/A5-4(GFL)/17/2018-FC dtd.18.09.2019
3) This office letter no.A7.Land.NH-209/CR-38/2017-18 dtd.17.08.2020

In continuation to this office letter under reference(1&2), a revised Demand Notice in compliance with Nodal Office, FC observation and deposited through e-payment in web portal www.parivesh.nic.in

RO,MOEF Conditions		Amount/Remarks in Rs.
No. 3, 4	Compensatory Afforestation charges (i.e. Rs.11,60,000/- per Ha for 4Ha)	46,40,000/-
No.8	Net Present value(NPV) amount (Eco class-open Forest @ Rs.6,26,000/- per ha. for 1.894ha)	11,85,644/-
No.5	SMC charges	To be included for DCF,Urban
No.6	Wildlife Mitigation Plan not included	PCCF(wildlife) approved the wildlife mitigation plan and sent to MOEF during stage-1 clearance and MOEF cleared the stage-1 approval with a condition at point no.6 "A mitigation plan as approved by the CWLW shall be implemented by the user agency at their cost" However, enclosing the Plan & estimate of Elephant Overpass.
Total		

Details of Demand Letter Rejected by Nodal Officer

o. Proposal No.	Application No.	Application No (New)	Agency Name	Email ID	Rejection Date	Reason of Rejection
FP/KA/ROAD/23415/2017	ROAD234152017799	6123415799	NHAI PIU RAMANAGARA	piuramanagara@gmail.com	17 Dec 2018	As per Condition no. 3 of Stage-I approval dated 31-10-2018, the CA charges have to be recovered for 16.84 hectare (instead of 16.82 hectare). Similarly, the NPV charges for 8.42 hectare @ Rs. 8.03 lakhs/ ha will be Rs. 67,61,260/- (instead of Rs. 67,61,200/-). Therefore, the Demand Notice is rejected for revision by DCF.
FP/KA/ROAD/23415/2017	ROAD234152017369	6123415369	NHAI PIU RAMANAGARA	piuramanagara@gmail.com	22 Dec 2018	As per Condition no. 3 of Stage-I approval dated 31-10-2018, the CA charges have to be recovered for 16.84 hectare (instead of 16.82 hectare) for Rs.50,52,000/-. Similarly, the NPV charges for 8.42 hectare @ Rs. 8.03 lakh will be Rs. 67,61,260/- (instead of Rs. 67,61,200/-). Therefore, the Demand Noticed is rejected for revision by DCF.
FP/KA/ROAD/23628/2017	ROAD236282017508	6123628508	NHAI PIU RAMANAGARA	piuramanagara@gmail.com	08 Jan 2019	As the proposal is not yet Stage-I approved and you have erroneously uploaded the Demand Notice dated 17-1-2018 pertaining to another FC proposal. Hence said demand notice rejected.
FP/KA/ROAD/23628/2017	ROAD236282017225	6123628225	NHAI PIU RAMANAGARA	piuramanagara@gmail.com	02 Mar 2019	The upload demand notice is not including the SMC, fencing & irrigation charges. Hence, the demand notice has been rejected and you are hereby requested to obtain the revised demand notice (as per this office letter dated 03-2019)from the DCF, Ramanagara and upload the same to this office for acceptance.
FP/KA/ROAD/23628/2017	ROAD236282017773	6123628773	NHAI PIU RAMANAGARA	piuramanagara@gmail.com	04 Apr 2019	Wrongly uploaded demand notice
FP/KA/ROAD/26269/2017	ROAD262692017071	6126269071	NHAI PIU RAMANAGARA	piuramanagara@gmail.com	16 Sep 2019	1. NPV charges wrongly Calculated, 2. SMC charges not included, 3. Wildlife Mitigation Plan not included
FP/KA/ROAD/23415/2017	ROAD234152017038	6123415038	NHAI PIU RAMANAGARA	piuramanagara@gmail.com	20 Dec 2019	Wrong demand note uploaded. Hence, rejected.



([HTTPS://SWACHHBHARAT.MYGOV.IN/](https://swachhbharat.mygov.in/))



Power To Empower

([WWW.DIGITALINDIA.GOV.IN](http://www.digitallindia.gov.in))

Open Government Data (OGD) Platform India



([HTTPS://DATA.GOV.IN/](https://data.gov.in/))

india.gov.in
The national portal of India

([HTTPS://INDIA.GOV.IN/](https://india.gov.in/))

GOV ([HTTPS://WWW.MYGOV.IN/](https://www.mygov.in/))

MeitY



ಕರ್ನಾಟಕ ಅರಣ್ಯ ಇಲಾಖೆ

ದೂರವಾಣಿ/ಫ್ಯಾಕ್ಸ್ 080-23343464

Email ID - dcfurban82@yahoo.co.in

ಉಪ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿಯವರ ಕಛೇರಿ

ಬೆಂಗಳೂರು ನಗರ ವಿಭಾಗ, ಅರಣ್ಯ ಭವನ ಸಂಕೀರ್ಣ, 18ನೇ ಅಡ್ಡ ರಸ್ತೆ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು - 560 003

Office of the Deputy Conservator of Forests

Bangalore Urban Division, Aranya Bhavan Annexe, 18th cross, Malleshwaram, Bangalore-560003

No.A7.Land.NH-209/CR-38/2017-18

Dated: 17.08.2020

CORRIGENDUM (DEMAND NOTICE)

Sub : Diversion of 1.894 ha. of forest land in Sy.No.12 & 13 of Uttarahalli Manavarthe (UM) Kaval, Bengaluru South Taluk, Bengaluru Urban District & Division for rehabilitation and upgrading of existing road to 2-lane with Paved shoulders- 4 laning from KA 438.475 (Proposed KM 45.250) Harohalli to proposed KM 461.550 (Proposed KM 458.420) Nice Road section to NH-209(Project road length 23.075 KM) in favour of the Project Director, PIU, National Highways Authority of India, Basavanapura(Ramadevarapada) Ramanagara - reg.) (Proposal No.FP/KA/ROAD/26269/2017).

Ref : 1) This office letter No. A7.Land.NH-209/CR-38/2017-18 dated: 13.09.2019.
2) Letter No.(Old File No.)A5(4).GFL.CR-5/2017-18 , E-Office File No. KFD/HoFF/A5-4(GFL)/17/2018-FC dated: 18.09.2019.

..*

In continuation of this office letter under reference(1), a revised amount should be deposited through e-payment in web portal www.parivesh.nic.in.

Condition No.3,4	Compensatory Afforestation Charges (i.e. Rs.11,60,000/- per ha for 4 ha.)	46,40,000/-
Condition No.8	Net Present Value (NPV) amount (Eco Class-Open Forest @Rs.6,26,000/- per ha. for 1.894ha.)	11,85,644/-
TOTAL		58,25,644/-


Deputy Conservator of Forests,
Bangalore Urban Division, Bangalore

To

The General Manager,
GM (T) & PD, National Highways Authority of India
PIU -Ramanagara, Basavanapura (Ramadevarapada)
Ramanagara, Karnataka - 562128



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
(सड़क परिवहन एवं राजमार्ग मंत्रालय) भारत सरकार
(Ministry of Road Transport and Highways)
Government Of India



NHAI/PIU-RMNG/12014/2020-21/ 378

Date: 22.06.2020

To

The Deputy Conservator of Forest
Bangalore Urban Division
Aranya Bhavan, Malleshwaram,
Bangalore

Sub: Submission of Wildlife Mitigation plan towards diversion of 1.894Ha of forest land in Sy.No.12&13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bangalore South Taluk, Bangalore Urban Division and District for NH-209 BRT tiger reserve boundary to Bangalore section project – Reg

Ref: 1. RO, MOEF, Bangalore F. No. 4-KRB 1166/2018-BAN/65 dated.22.07.2019
2. Email dated.16.09.2019 from System Administrator FC.
3. PIU letter no.NHAI/PIU-RMNG/12014/2020-21/173 dated.26.05.2020

Sir,

Please refer to above cited subject, wherein RO, MOEF, Bangalore vide letter cited under reference has accorded the in-principal stage-1 approval for diversion of 1.89Ha of forest land in Uttarahalli-Manavarthe (U.M) Kavalu, Bangalore South Taluk, Bangalore Urban Division has raised an objection by Nodal Officer and point wise compliance furnished as below.

SL No	Nodal officer Observation	PIU Compliance
1	NPV charges wrongly calculated	The DCF urban may comply
2	SMC charges not included	The DCF urban may comply
3	Wildlife Mitigation Plan not included	PCCF(wildlife) approved and sent for MOEF during stage-1 Clearance and MOEF cleared the stage-1 with a condition at point no.6 " A mitigation plan as approved by the CWLW shall be implemented by the user agency at their cost " However, we are submitting herewith the estimate and drawing of Elephant Overpass for information.

In view of the above, it is once again requested for revised demand letter for taking further necessary action at the earliest.

Thanking You,

Yours faithfully,

(B.T. Sridhara)
GM (T)& PD

Copy to: The APCCF(FC), Aranya Bhavan, Malleshwaram, Bangalore - for information and needful action at the earliest. Since, FC stage-1 cleared on 22.07.2019 and requested to facilitate at the earliest

Project Implementation Unit : Ramanagara

बसवनपुर (रामदेवरपाद), रामनगर, कर्नाटक - ५६२१२८ Basavanapura (Ramadevarapada), Ramanagara, Karnataka - 562128
Phone No.: 8277 - 385842, 080 - 29780089, E-mail : piuramanagara@gmail.com, piuramanagara@nhai.org
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National Highways Authority of India
(सड़क परिवहन एवं राजमार्ग मंत्रालय) भारत सरकार
(Ministry of Road Transport and Highways)
Government Of India



NHAI/PIU-RMNG/12014/ /2019-20/ 2915

07.02.2020

To

The Deputy Conservator of Forests
Bengaluru Urban District
Bengaluru

Sub: Delay in submission of revised demand notice towards diversion of 1.894 ha. of forest land in Sy.No. 12 & 13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bengaluru South Taluk, Bangalore Urban Division and District for rehabilitation and upgrading of the existing road to 2-lane with paved shoulders/4 lane configuration from Km. 438.475 (proposed Km. 435.250) Harohalli to 461.550 (proposed km. 458.0875) in favour of the Project Director, PIU, National Highways Authority of India, Basavanapura (Ramadevarapada) Ramanagara-Reg.

Ref: RO, MOEF, Bengaluru letter no. F.No.4-KRB1166/2018-BAN 65 dt. 22.07.2019

Sir,

Please refer to above cited subject wherein RO, MOEF Bengaluru vide letter cited under reference accorded the stage-1 approval on 22.07.2019. Accordingly your office vide letter cited under reference to submit the demand notice for Rs.58,24,392/- which was uploaded in forest portal from this office for obtaining approval of Nodal Officer.

Further, Nodal Officer vide e-mail dated 16.09.2019 informed to resubmit the demand notice which was incorrect and many times this office requested telephonically to your office for revised demand notice which is still awaiting. Therefore, it is again requested to submit the revised demand notice at the earliest for making the payment.

Thanking you,

Yours faithfully,

(B.T. Sridhara)
GM(T) & PD

Encl: As above

Copy to: The Additional Principal Chief Conservator of Forests/Nodal Officer (FCA), Office of the Principal Chief Conservator of Forests, Forests Department, Govt. of Karnataka, Aranya Bhavan, 18th Cross, Malleswaram, Bengaluru-560 003 – for information and requested for necessary direction for revised demand notice from DCF, Bengaluru Urban at the earliest.

Project Implementation Unit : Ramanagara

बसवनपुर (रामदेवरपाद), रामनगर, कर्नाटक — ५६२१२८ Basavanapura (Ramadevarapada), Ramanagara, Karnataka - 562128

Phone No.: 8277 - 385842, 080 - 29780089, E-mail : piuramanagara@gmail.com, piuramanagara@nhai.org

Head Quarters : G-5 & 6, Sector -10, Dwarka, New delhi -110075. Ph.: 011-2507410



भारत सरकार
GOVERNMENT OF INDIA

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE
Regional Office (Southern Zone),
Kendriya Sadan, IVth Floor, E& F Wings, 17th Main Road,
IInd Block, Koramangala, Bangalore – 560 034,
Tel.No.080-25635908, E.Mall: rosz.bng-mef@nic.in



BY SPEED POST
F.No.4-KRB1188/2018-BAN 65
Dated the 22nd July, 2019

To

The Additional Chief Secretary to Government of Karnataka,
Forest, Ecology & Environment Department,
M.S. Building, Dr. Ambedkar Veedhi,
Bangalore – 560 001.

Subject: Diversion of 1.894 ha. of forest land in Sy.No. 12 & 13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bengaluru South Taluk, Bangalore Urban Division and District for rehabilitation and upgrading of the existing road to 2-lane with paved shoulders/ 4 lane configuration from Km 438.475 (proposed Km 435.250) Harohalli to 461.550 (proposed Km 458.0875) in favour of the Project Director, PIU, National Highways Authority of India, Basavanapura (Ramadevarapada) Ramanagara – reg.

Sir,

I am directed to refer to the State Government's letter No.FEE 58 FLL 2018 dated 15/11/2018 and 4/07/2019 seeking prior approval of the Central Government under Section'2' of the Forest (Conservation) Act, 1980 for the above project.

The proposal was examined by the Regional Empowered Committee constituted under sub-rule (1) of rule 4A of the Forest (Conservation) Rules, 2003 in its meeting held on 17/07/2019.

After careful consideration of the proposal of the State Government and on the basis of approval of REC, I am directed to convey Central Government's in-principle approval (Stage-I) under Section'2' of Forest (Conservation) Act, 1980 for the diversion of 1.894 ha. of forest land in Sy.No. 12 & 13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bengaluru South Taluk, Bangalore Urban Division and District for rehabilitation and upgrading of the existing road to 2-lane with paved shoulders/ 4 lane configuration from Km 438.475 (proposed Km 435.250) Harohalli to 461.550 (proposed Km 458.0875) in favour of the Project Director, PIU, National Highways Authority of India, Basavanapura (Ramadevarapada) Ramanagara subject to fulfilment of the following conditions:-

1. The legal status of forest land shall remain unchanged.
2. The boundary of the forest land to be diverted shall be suitably demarcated on ground at the project cost as per the directions of concerned Divisional Forest Officer before Stage-II approval.
3. The cost of raising Compensatory Afforestation in degraded forest land over an extent of 4 ha. in Sy.No. 182 of Marenahalli village of Marasandra RF in Jala Hobli-3, Bengaluru, North taluk (Yelhanka), Bangalore Urban District, shall be realized from the User Agency.

4. The area identified for Compensatory Afforestation needs to be provided with Chain link fencing for better survival of plantation. A detailed model for Compensatory Afforestation inclusive of chain-link fencing, BMC works etc., may be implemented at the cost of User Agency.
5. Suitable SMC works, 200 mts on either side of the road, in forest area shall be undertaken at the cost of User Agency by the State Forest Department.
6. A Mitigation Plan as approved by the CWLW shall be implemented by the User Agency at their cost.
7. User Agency should fell trees only if it is necessary and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department.
8. The State Government shall charge the Net Present Value for 1,894 ha. of forest area to be diverted under this proposal from the user agency as per the orders of the Hon'ble Supreme Court dated 28.03.2008 and 09.06.2008 in IA Nos.828 in 606 with related IA's in Writ Petition (Civil) No.202/1995.
9. Additional amount of the Net Present Value (NPV) of the diverted forest land if any, becoming due after revision of the same by the Hon'ble Supreme Court of India in future, shall be charged by the State Government from the user agency. The user agency shall furnish an undertaking to this effect.
10. All the funds received from the user agency under the project shall be transferred /deposited to CAMPA fund only through (<https://parivesh.nic.in/>).
11. The layout plan of the proposal shall not be changed without prior approval of Central Government.
12. No labour camp shall be established on the forest land.
13. No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.
14. The forest area shall be used for the purpose for which it is granted. The total forest area utilized for the project shall not exceed 1.894 ha.
15. The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Government of India.
16. The compliance report shall be uploaded on e-portal (<https://parivesh.nic.in/>).
17. Any other condition that the Ministry of Environment, Forest and Climate Change may stipulate from time to time in the interest of conservation, protection and development of Forest and Wildlife.

Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as per the MoEF&CC Guideline F.No.11-42/2017-FC dated 29/01/2018. The State Government and user agency shall comply the provisions of the all

Acts, Rules, Regulations, Guidelines, NGT order & Hon'ble Court Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.

After receipt of the compliance report on the above conditions, the proposal will be considered for final approval. This in-principle approval shall be valid for a period of 5 years. The forest land shall not be transferred to the User Agency prior to the issue of final approval.

Yours sincerely,

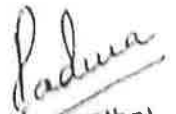


(R. Padmawathe)

Assistant Inspector General of Forests (Central)

Copy to:-

1. The Director General of Forests & Special Secretary to Govt. of India, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Agni Wing, Aliganj, Jor Bagh Road, New Delhi - 110 003.
2. The Principal Chief Conservator of Forests (HoFF), Forests Department, Govt. of Karnataka, Aranya Bhavan, 18th Cross, Malleswaram, Bangalore - 560 003.
3. The Additional Principal Chief Conservator of Forests/Nodal Officer (FCA), Office of the Principal Chief Conservator of Forests, Forests Department, Govt. of Karnataka, Aranya Bhavan, 18th Cross, Malleswaram, Bangalore - 560 003.
4. The Project Director, Project Implementation Unit, National Highways Authority of India, Basavanapura, Ramadevarapada, Ramnagara - 562 128 (Karnataka).
5. Guard file.



(R. Padmawathe)

Assistant Inspector General of Forests (Central)

2/2/2019



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For any Technical support, Please Contact
ECCID, NIC, New Delhi, monitoring-
fc(at)nic(dot)in



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India

Phone No.: 8277 - 385842
E-mail : piuramanagara@gmail.com

(सड़क परिवहन एवं राजमार्ग मंत्रालय)
(Ministry of Road Transport and Highways)

परियोजना कार्यान्वयन, इकाई . रामनगर
Project Implementation Unit : Ramanagara

बसवनपुर (रामदेवरपाद), रामनगर, कर्नाटक - ५६२१२८
Basavanapura (Ramadevarapada), Ramanagara, Karnataka - 562128

NHAI/PIU-RMNG/12014/04/2019-20/ 510

Date: 07.06.2019

To

The Principal Chief Conservator of Forest(Wildlife) and Chief Wildlife Warden
Aranya Bhavan, Malleshwaram,
Bangalore

Sub: Request for signing the Mitigation Report towards diversion of 1.894Ha. of forest land in Sy. No.12&13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bangalore South Taluk, Bangalore Urban Division and District for rehabilitation and upgradation of the existing road to 2-lane with paved shoulders/4lane configuration from Km.438.475 (proposed Km.435.250) Harohalli to 461.550 (Proposed Km.458.0875) in favour of the Project Director, PIU-NHAI, Basavanapura (Ramadevarapada) Ramanagara – Reg

Ref: 1. RO, MOEF, Bangalore F. No. 4-KRB 1166/2018-BAN/1686 dated.05.03.2019
2. Karnataka State sericulture Research and Development Institute letter no. KSSR & DI /NII-209/Sy. No.13/2018-19 dated.06.03.2019
3. PCCF (Wildlife) & Chief Wildlife Warden letter no. PCCF(WL)/D/CR-51/2014-15 date.14.02.2019

Sir,

Please refer to above cited subject, an mitigation proposal for construction of Elephant Overpass at Km.457.380 on NH-209 accepted and submitted to APCCF(FC) vide your letter cited(3). In this regard, in order to submit the compliance for RO, MOEF, Bangalore and countersign of PCCF (Wildlife) & Chief Wildlife warden on Mitigation report is essential. Accordingly, it is requested to countersign in mitigation report which is already approved by your kind self. Also requested to forward to the APCCF (FC) for further necessary action.

Thanking You,

Yours faithfully,


(B.T. Sridhara)
GM (T) & PD



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India

Phone No.: 8277 - 385842
E-mail : piuramanagara@gmail.com

(सड़क परिवहन एवं राजमार्ग मंत्रालय)

(Ministry of Road Transport and Highways)

परियोजना कार्यान्वयन, इकाई . रामनगर

Project Implementation Unit : Ramanagara

बसवनपुर (रामदेवरपाद), रामनगर, कर्नाटक - ५६२१२८

Basavanapura (Ramadevarapada), Ramanagara, Karnataka - 562128

NHAI/PIU-RMNG/12014/04/2019-20/ 503

Date: 06.06.2019

To

The Additional Principal Chief Conservator of Forest(FCA)
Aranya Bhavan, Malleshwaram,
Bangalore

Sub: Submission of Mitigation Report & Sericulture Department NOC towards diversion of 1.894Ha. of forest land in Sy. No.12&13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bangalore South Taluk, Bangalore Urban Division and District for rehabilitation and upgradation of the existing road to 2-lane with paved shoulders/4lane configuration from Km.438.475 (proposed Km.435.250) Harohalli to 461.550 (Proposed Km.458.0875) in favour of the Project Director, PIU-NHAI, Basavanapura (Ramadevarapada) Ramanagara - Reg

- Ref:**
1. RO, MOEF, Bangalore F. No. 4-KRB 1166/2018-BAN/1686 dated.05.03.2019
 2. Karnataka State sericulture Research and Development Institute letter no. KSSR & DI /NII-209/Sy. No.13/2018-19 dated.06.03.2019
 3. PCCF (Wildlife) & Chief Wildlife Warden letter no. PCCF(WL)/D/CR-51/2014-15 date.14.02.2019
 4. This office letter no. NHAI/PIU-RMNG/12014/04/2018-19/1834 dated.11.02.2019
 5. This office letter no. NHAI/PIU-RMNG/12014/04/2018-19/073 dated.05.04.2019

Sir,

In continuation to this office letter cited (5), we are hereby submitting the Mitigation Measure Report and NOC of Sericulture Department for your kind consideration. Accordingly, it is requested to forward the compliance to RO, MOEF, and Bangalore for further necessary action towards 1.894Ha diversion FC proposal at the earliest

Thanking You,

Yours faithfully,


(B.T. Sridhara)
GM (T)& PD

Copy submitted to: The DCF, Bangalore Urban Division, Bangalore - for information and needful please

TWO/FOUR LANING FROM BRT TIGER RESERVE BOUNDARY TO BANGALORE SECTION OF NH-209 (DESIGN CHAINAGE FROM 287+500 TO 458+420) IN THE STATE OF KARNATAKA UNDER NHDP- IV B TO BE EXECUTED AS PUBLIC PRIVATE PARTNERSHIP IN HYBRID ANNUITY (TOLL) PROJECT

RECAPITULATION - SHEET

No.	Sub Estimate & No.	Amount
1	Elephant Over Pass	Rs. 128,630,665.30
2	Cantilever Retaining Wall	Rs. -
3	Asthetic Work	Rs. 1,555,908.75
		Rs. <u>130,186,574.05</u>
	Add Insurance towards Labour (1+2+3) 0.50 %	Rs. 650,932.87
	Add Work Contengency (1+2+3) 2.00 %	Rs. 2,603,731.48
	Add Computerisation Charges(1+2+3) 1.00 %	Rs. 1,301,865.74
	DPR (1+2+3) 2.00 %	Rs. 2,603,731.48
	Add GST (1+2+3) 12.00 %	Rs. 15,622,388.89
		Rs. <u>152,969,224.51</u>
	Add For Utilities Shifting	Rs. -
	Total	Rs. <u><u>152,969,225.00</u></u>


Project Director
PIU, NHAI
Ramanagara

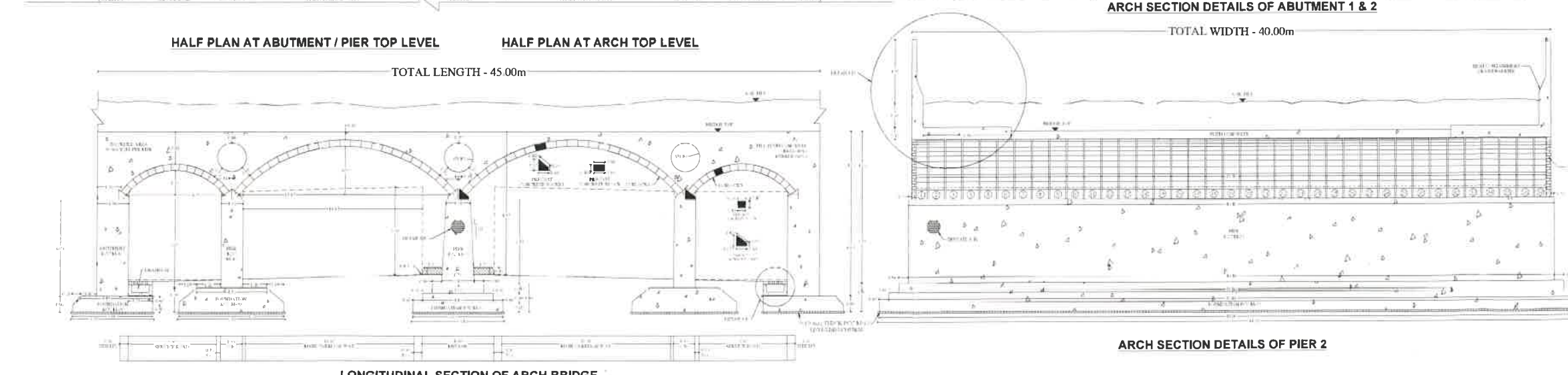
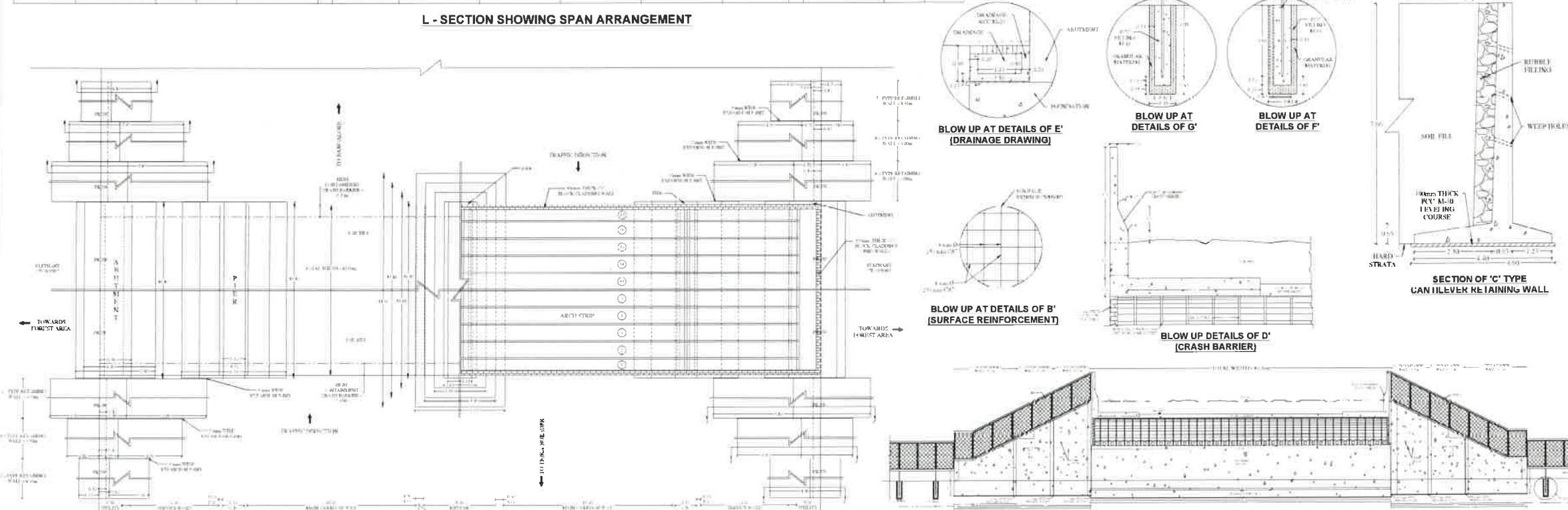
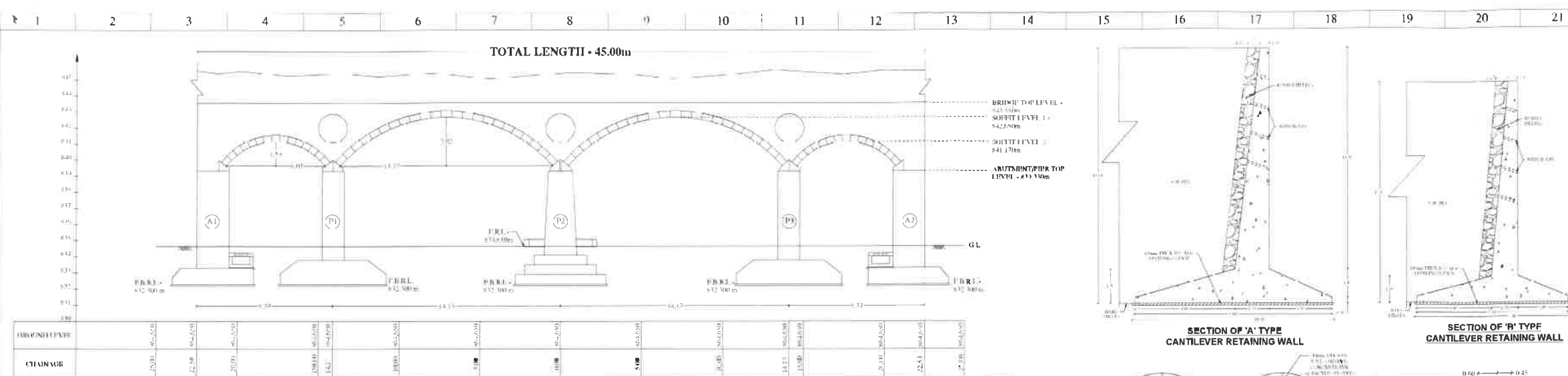
DRG. NO. BR- / - / 2020

JOB NO. BR- / - / 2020

GENERAL ARRANGEMENT DRAWING

NOTES AND SPECIFICATIONS

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. THE DRAWING IS TO BE USED FOR THE DESIGN AND CONSTRUCTION OF THE BRIDGE.
3. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN LOAD OF 100 KN/M² (AS PER IRC CLASS II).
4. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN WIND SPEED OF 100 KM/H.
5. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN EARTHQUAKE SHAKING OF ZONE II.
6. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN FLOOD OF 100 YRS.
7. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN COLLISION OF 100 TONS.
8. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN IMPACT OF 100 TONS.
9. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN FIRE OF 100 TONS.
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19. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN COLLISION OF 100 TONS.
20. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN IMPACT OF 100 TONS.
21. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN FIRE OF 100 TONS.
22. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN COLLISION OF 100 TONS.
23. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN IMPACT OF 100 TONS.
24. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN FIRE OF 100 TONS.
25. THE BRIDGE SHALL BE DESIGNED TO CARRY A DESIGN COLLISION OF 100 TONS.



MATERIAL TABLE			
SERIAL	SECTION	TYPE OF MATERIAL	REFERENCE
1	CONCRETE	CONCRETE	AS PER IS 456:2000
2	STEEL	STEEL	AS PER IS 2062:2000
3	REINFORCEMENT	REINFORCEMENT	AS PER IS 1786:1983
4	PAVEMENT	PAVEMENT	AS PER IS 3035:1963
5	GRANULAR FILL	GRANULAR FILL	AS PER IS 2720:1955
6	GEOTEXTILE	GEOTEXTILE	AS PER IS 10384:1982
7	CRASH BARRIER	CRASH BARRIER	AS PER IS 15400:1999
8	WATER PROOFING	WATER PROOFING	AS PER IS 17091:1993
9	PAINT	PAINT	AS PER IS 1161:1987
10	ROOFING	ROOFING	AS PER IS 1161:1987
11	GLASS	GLASS	AS PER IS 1161:1987
12	CEMENT	CEMENT	AS PER IS 1161:1987
13	BRICK	BRICK	AS PER IS 1161:1987
14	ROOFING	ROOFING	AS PER IS 1161:1987
15	GLASS	GLASS	AS PER IS 1161:1987
16	CEMENT	CEMENT	AS PER IS 1161:1987
17	BRICK	BRICK	AS PER IS 1161:1987
18	ROOFING	ROOFING	AS PER IS 1161:1987
19	GLASS	GLASS	AS PER IS 1161:1987
20	CEMENT	CEMENT	AS PER IS 1161:1987
21	BRICK	BRICK	AS PER IS 1161:1987
22	ROOFING	ROOFING	AS PER IS 1161:1987
23	GLASS	GLASS	AS PER IS 1161:1987
24	CEMENT	CEMENT	AS PER IS 1161:1987
25	BRICK	BRICK	AS PER IS 1161:1987

REDUCED LEVELS (RLs)			
SERIAL	SECTION	TYPE OF MATERIAL	REFERENCE
1	CONCRETE	CONCRETE	AS PER IS 456:2000
2	STEEL	STEEL	AS PER IS 2062:2000
3	REINFORCEMENT	REINFORCEMENT	AS PER IS 1786:1983
4	PAVEMENT	PAVEMENT	AS PER IS 3035:1963
5	GRANULAR FILL	GRANULAR FILL	AS PER IS 2720:1955
6	GEOTEXTILE	GEOTEXTILE	AS PER IS 10384:1982
7	CRASH BARRIER	CRASH BARRIER	AS PER IS 15400:1999
8	WATER PROOFING	WATER PROOFING	AS PER IS 17091:1993
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19	GLASS	GLASS	AS PER IS 1161:1987
20	CEMENT	CEMENT	AS PER IS 1161:1987
21	BRICK	BRICK	AS PER IS 1161:1987
22	ROOFING	ROOFING	AS PER IS 1161:1987
23	GLASS	GLASS	AS PER IS 1161:1987
24	CEMENT	CEMENT	AS PER IS 1161:1987
25	BRICK	BRICK	AS PER IS 1161:1987

Project Director
PIU, NHAI
Ramanagara

TWO/FOUR LANE FROM BRIDGE RESERVE BOUNDARY TO
BANK-AT-LEFT SECTION OF NH-209 (DESIGN CHAINAGE FROM 207+500 TO
458+420) IN THE STATE OF KARNATAKA UNDER NHDP. IT IS TO BE
EXECUTED AS PUBLIC PRIVATE PARTNERSHIP IN HYBRID ANNUITY
(TOLL) PROJECT

DWG. NO. - 2020/NHAI/KA005/OPEN_01 SCALE: 1:1

REVISION	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED
3						
2						
1						
0	31.05.2020					

CONSULTANT

MODERN ARCH INFRASTRUCTURE

Address: Plot No. 243, Chhatrapati Housing Society
Behind Chhatrapati Hall,
Ring Road, Nagpur,
Maharashtra 440015
Ph. No.: +91 712 22 82 491, +91 712 22 82 492
Web: <http://modernarchinfra.com>



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
(सड़क परिवहन एवं राजमार्ग मंत्रालय) भारत सरकार
(Ministry of Road Transport and Highways)
Government Of India



02.09.2021

NHAI/PIU-RMNG/12014/05/2021-22/ 1530

To

The Deputy Conservator of Forest
Bengaluru Urban District
Bengaluru

Sub: Compliance for Nodal Officer observation towards diversion of 1.894 ha of forest land in Sy.no. 12 & 13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bengaluru South Taluk, Bengaluru Urban District of BRT Tiger Reserve Boundary to Bengaluru section of NH-209 stage-2 approval request - Reg.

Ref: 1. PCCF (FC) and Nodal Officer (FCA) letter no. E-office File No. KFD/HOFF/A5-4(GFL)/17/2018-FC dt. 14.06.2021
2. This office letter no.NHAI/PIU-RMNG/12014/2021-22/1238 dated.05.08.2021

Sir,

In continuation to this office letter cited(2), the point wise compliance for the PCCF (FC) and Nodal Officer (FCA) vide letter cited under reference is submitted for processing the stage-2 approval towards diversion of 1.894 Ha of forest land in Sy.no. 12 & 13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bengaluru South Taluk, Bengaluru Urban District.

Sl. No.	PCCF (FC) and Nodal Officer (FCA) observation	PIU compliance
1.	Another consolidated Undertaking (ink-signed) from User Agency to abide by the Condition Nos. 13, 14 and 17 of the Stage-1 approval.	Consolidated undertaking (ing-signed 3 copies) enclosed
2.	Photographs in support of the physical demarcation of proposed lease area showing the (four feet high) RCC pillars duly numbered at interval of 20 meters and its GPS co-ordinates list.	The demarcation of common boundary pillars in forest area being diverted is completed by erecting RCC pillars (4-feet height) which are duly numbered at an interval of 20mtr and the colour photography with the tabular statement showing the pillars number and corresponding GPS co-ordinate (in degree-decimal) is enclosed for ready reference.
3.	Copy of Wildlife Mitigation Plan approved by approved CWLW for the said project.	The Principle Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Karnataka approval of mitigation proposal letter dated 14.02.2021 is enclosed for necessary action.

In view of the above, it is requested to process the proposal further for stage-2 approval for diversion of 1.894 Ha at the earliest.

Thanking you,

Yours faithfully,

(B.T. Sridhara)
GM(T) & PD

Encl: As above

Project Implementation Unit : Ramanagara

बसवनपुर (रामदेवरपाद), रामनगर, कर्नाटक - ५६२१२८ Basavanapura (Ramadevarapada), Ramanagara, Karnataka - 562128
Phone No.: 8277 - 385842, 080 - 29780089, E-mail : piuramanagara@gmail.com, piuramanagara@nhai.org
Head Quarters : G-5 & 6, Sector -10, Dwaraka, New Delhi - 110075, Ph : 011-2507410

GPS Co-ordinates from Km.457+500 to Km.458+280 (RHS=0.780km)

Pillar no	Point Id	Easting [m]	Northing [m]	Degrees, minutes & seconds		X [m]	Y [m]	Z [m]
				Latitude [°]	Longitude [°]			
1	RHS-457250-1	773748.709	1421754.336	12° 50' 55.64" N	77° 31' 19.69" E	1343813.293	6072651.99	1409123.364
2	RHS-457270-2	773756.2167	1421775.719	12° 50' 56.33" N	77° 31' 19.95" E	1343804.502	6072647.963	1409143.878
3	RHS-457290-3	773762.9959	1421797.553	12° 50' 57.04" N	77° 31' 20.18" E	1343796.627	6072644.722	1409165.083
4	RHS-457310-4	773767.6684	1421820.24	12° 50' 57.77" N	77° 31' 20.34" E	1343790.909	6072641.523	1409187.298
5	RHS-457330-5	773771.1021	1421839.356	12° 50' 58.39" N	77° 31' 20.46" E	1343786.516	6072638.42	1409205.952
6	RHS-457350-6	773773.3454	1421858.581	12° 50' 59.02" N	77° 31' 20.54" E	1343783.286	6072635.072	1409224.733
7	RHS-457370-7	773774.8682	1421881.352	12° 50' 59.76" N	77° 31' 20.60" E	1343780.377	6072630.006	1409246.789
8	RHS-457390-8	773776.1443	1421895.702	12° 51' 00.22" N	77° 31' 20.64" E	1343778.825	6072629.544	1409261.306
9	RHS-457410-9	773776.7851	1421916.715	12° 51' 00.91" N	77° 31' 20.67" E	1343777.07	6072625.531	1409281.86
10	RHS-457430-10	773778.2867	1421940.806	12° 51' 01.38" N	77° 31' 20.73" E	1343774.616	6072622.477	1409305.741
11	RHS-457450-11	773778.7438	1421958.864	12° 51' 02.28" N	77° 31' 20.75" E	1343773.054	6072618.351	1409323.251
12	RHS-457470-12	773780.1001	1421980.551	12° 51' 02.98" N	77° 31' 20.80" E	1343770.106	6072612.288	1409343.973
13	RHS-457490-13	773782.1642	1421998.169	12° 51' 03.56" N	77° 31' 20.88" E	1343767.124	6072609.158	1409361.17
14	RHS-457510-14	773782.7944	1422027.16	12° 51' 04.63" N	77° 31' 20.91" E	1343765.409	6072605.637	1409390.014
15	RHS-457530-15	773787.2475	1422055.963	12° 51' 05.43" N	77° 31' 21.06" E	1343759.92	6072602.736	1409418.579
16	RHS-457550-16	773791.5568	1422074.693	12° 51' 06.04" N	77° 31' 21.21" E	1343754.632	6072599.622	1409436.781
17	RHS-457570-17	773793.5917	1422093.961	12° 51' 06.67" N	77° 31' 21.29" E	1343751.468	6072595.612	1409455.464
18	RHS-457590-18	773799.8752	1422115.903	12° 51' 07.38" N	77° 31' 21.50" E	1343744.061	6072592.197	1409476.768
19	RHS-457610-19	773803.2376	1422130.006	12° 51' 07.84" N	77° 31' 21.62" E	1343740.024	6072590.149	1409490.537
20	RHS-457630-20	773811.4823	1422146.038	12° 51' 08.36" N	77° 31' 21.90" E	1343731.506	6072590.518	1409506.551
21	RHS-457650-21	773817.7349	1422166.015	12° 51' 09.00" N	77° 31' 22.11" E	1343724.207	6072587.76	1409525.904
22	RHS-457670-22	773826.6587	1422185.323	12° 51' 09.63" N	77° 31' 22.41" E	1343713.977	6072583.786	1409544.195
23	RHS-457690-23	773833.266	1422197.375	12° 51' 10.02" N	77° 31' 22.64" E	1343707.316	6072584.297	1409556.381
24	RHS-457710-24	773843.6405	1422213.956	12° 51' 10.55" N	77° 31' 22.99" E	1343696.086	6072582.289	1409572.273
25	RHS-457730-25	773854.3281	1422231.48	12° 51' 11.12" N	77° 31' 23.35" E	1343684.088	6072578.302	1409588.65
26	RHS-457750-26	773867.7808	1422250.653	12° 51' 11.74" N	77° 31' 23.80" E	1343669.912	6072577.339	1409607.257
27	RHS-457770-27	773885.5234	1422267.865	12° 51' 12.29" N	77° 31' 24.39" E	1343652.799	6072582.86	1409625.11
28	RHS-457790-28	773896.6159	1422280.136	12° 51' 12.69" N	77° 31' 24.76" E	1343639.963	6072576.777	1409635.577
29	RHS-457810-29	773905.3802	1422290.798	12° 51' 13.03" N	77° 31' 25.06" E	1343629.531	6072570.6	1409644.541
30	RHS-457830-30	773916.4675	1422301.37	12° 51' 13.37" N	77° 31' 25.43" E	1343618.787	6072573.818	1409655.454
31	RHS-457850-31	773926.141	1422311.752	12° 51' 13.71" N	77° 31' 25.75" E	1343608.085	6072570.671	1409664.771
32	RHS-457870-32	773934.1593	1422320.527	12° 51' 13.99" N	77° 31' 26.02" E	1343600.019	6072571.707	1409673.519
33	RHS-457890-33	773943.4343	1422330.074	12° 51' 14.30" N	77° 31' 26.33" E	1343590.903	6072573.853	1409683.241
34	RHS-457910-34	773957.6788	1422344.56	12° 51' 14.77" N	77° 31' 26.81" E	1343575.786	6072572.087	1409696.809
35	RHS-457930-35	773968.4018	1422354.731	12° 51' 15.09" N	77° 31' 27.17" E	1343564.189	6072569.74	1409706.033
36	RHS-457950-36	774115.2041	1422504.785	12° 51' 19.93" N	77° 31' 32.08" E	1343412.3	6072569.222	1409850.78
37	RHS-457970-37	774125.9019	1422516.738	12° 51' 20.31" N	77° 31' 32.44" E	1343401.081	6072568.552	1409862.224
38	RHS-458010-38	774146.053	1422538.351	12° 51' 21.01" N	77° 31' 33.11" E	1343380.27	6072568.701	1409883.184

GPS Co-ordinates from Km.457+250 to Km.458+280 (LHS=1.030km)

Pillar No	Easting [m]	Northing [m]	Degrees, minutes seconds		X [m]	Y [m]	Z [m]
			Latitude [°]	Longitude [°]			
1	773706.5099	1421772.919	12° 50' 56.25" N	77° 31' 18.30" E	1343853.89	6072641.11	1409142.414
2	773713.777	1421788.752	12° 50' 56.77" N	77° 31' 18.54" E	1343845.88	6072639.23	1409157.76
3	773719.8791	1421801.074	12° 50' 57.17" N	77° 31' 18.75" E	1343839.36	6072638.53	1409169.851
4	773719.5797	1421811.274	12° 50' 57.50" N	77° 31' 18.74" E	1343838.76	6072634.93	1409179.48
5	773721.1413	1421819.142	12° 50' 57.75" N	77° 31' 18.80" E	1343836.76	6072633.47	1409187.106
6	773727.9576	1421856.974	12° 50' 58.98" N	77° 31' 19.04" E	1343827.99	6072627.05	1409223.957
7	773728.4306	1421871.085	12° 50' 59.44" N	77° 31' 19.06" E	1343826.58	6072623.53	1409237.565
8	773728.5445	1421885.028	12° 50' 59.89" N	77° 31' 19.06" E	1343826.1	6072622.5	1409251.603
9	773730.1535	1421895.171	12° 51' 00.22" N	77° 31' 19.12" E	1343823.93	6072620.62	1409261.46
10	773730.477	1421906.11	12° 51' 00.58" N	77° 31' 19.13" E	1343823.13	6072619	1409272.271
11	773731.59	1421917.285	12° 51' 00.94" N	77° 31' 19.17" E	1343821.48	6072617.2	1409283.233
12	773733.352	1421948.492	12° 51' 01.96" N	77° 31' 19.24" E	1343818.02	6072611.12	1409313.68
13	773734.6076	1421973.614	12° 51' 02.77" N	77° 31' 19.29" E	1343815.29	6072605.72	1409338.084
14	773735.548	1421992.852	12° 51' 03.40" N	77° 31' 19.33" E	1343813.2	6072601.5	1409356.752
15	773737.1097	1422014.412	12° 51' 04.10" N	77° 31' 19.39" E	1343810.61	6072597.98	1409377.927
16	773740.1964	1422036.567	12° 51' 04.82" N	77° 31' 19.50" E	1343806.87	6072596.35	1409400.06
17	773741.2197	1422054.715	12° 51' 05.41" N	77° 31' 19.54" E	1343804.49	6072591.16	1409417.379
18	773744.2596	1422076.833	12° 51' 06.13" N	77° 31' 19.65" E	1343800.57	6072588.53	1409439.244
19	773748.9382	1422097.826	12° 51' 06.81" N	77° 31' 19.81" E	1343794.82	6072585.11	1409459.672
20	773752.1419	1422115.834	12° 51' 07.39" N	77° 31' 19.92" E	1343790.46	6072581.07	1409476.987
21	773754.1933	1422122.72	12° 51' 07.62" N	77° 31' 19.99" E	1343788.13	6072580.36	1409483.751
22	773763.1333	1422150.205	12° 51' 08.51" N	77° 31' 20.30" E	1343778.02	6072577.25	1409510.646
23	773769.6797	1422169.084	12° 51' 09.12" N	77° 31' 20.52" E	1343770.43	6072574.08	1409528.853
24	773778.5372	1422188.863	12° 51' 09.76" N	77° 31' 20.82" E	1343761.3	6072574.72	1409548.732
25	773801.5809	1422227.367	12° 51' 11.00" N	77° 31' 21.60" E	1343735.92	6072568.34	1409585.3
26	773834.8229	1422281.726	12° 51' 12.76" N	77° 31' 22.72" E	1343699.66	6072560.71	1409637.203
27	773865.1245	1422310.172	12° 51' 13.68" N	77° 31' 23.73" E	1343668.23	6072560.15	1409664.386
28	773914.4276	1422368.916	12° 51' 15.57" N	77° 31' 25.38" E	1343615.6	6072553.03	1409719.929
29	773940.4328	1422389.745	12° 51' 16.24" N	77° 31' 26.25" E	1343589.69	6072557.2	1409740.673
30	773981.3978	1422433.464	12° 51' 17.65" N	77° 31' 27.62" E	1343548.02	6072560.35	1409783.725
31	773992.372	1422442.976	12° 51' 17.95" N	77° 31' 27.99" E	1343535.68	6072555.78	1409791.74
32	774004.742	1422457.003	12° 51' 18.41" N	77° 31' 28.40" E	1343522.51	6072554.14	1409804.98
33	774018.3588	1422470.641	12° 51' 18.85" N	77° 31' 28.86" E	1343507.94	6072551.89	1409817.604
34	774050.3183	1422505.792	12° 51' 19.98" N	77° 31' 29.93" E	1343475.34	6072553.98	1409852.176
35	774066.4046	1422519.069	12° 51' 20.41" N	77° 31' 30.47" E	1343459.06	6072555.45	1409865.149
36	774077.2869	1422530.068	12° 51' 20.76" N	77° 31' 30.83" E	1343447.69	6072554.9	1409875.633
37	774087.0106	1422539.452	12° 51' 21.06" N	77° 31' 31.16" E	1343439.46	6072563.09	1409886.575
38	774105.0356	1422558.096	12° 51' 21.66" N	77° 31' 31.76" E	1343420.7	6072562.54	1409904.459
39	774111.6904	1422564.004	12° 51' 21.85" N	77° 31' 31.98" E	1343412.97	6072558.7	1409909.213
40	774121.1109	1422574.672	12° 51' 22.20" N	77° 31' 32.30" E	1343402.04	6072553.36	1409918.324
41	774131.8459	1422584.675	12° 51' 22.52" N	77° 31' 32.66" E	1343393.63	6072565.44	1409930.748
42	774152.7122	1422606.445	12° 51' 23.22" N	77° 31' 33.36" E	1343372.08	6072565.59	1409951.827
43	774180.2413	1422634.637	12° 51' 24.13" N	77° 31' 34.28" E	1343342.59	6072560.92	1409977.954













भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
(सड़क परिवहन एवं राजमार्ग मंत्रालय) भारत सरकार
(Ministry of Road Transport and Highways)
Government Of India



NHAI/PIU-RMNG/12014/2021-22/1239

05.08.2021

UNDERTAKING

Sub: Diversion of 1.894 ha of forest land in Sy.No. 12 & 13 of Uttarahalli Manavarthe (UM) Kaval, Bengaluru South Taluk, Bengaluru Urban District - Reg.

I hereby, certify that the Project Authority agree and undertake to accomplish the conditions specified in the MoEFCC & GoI Stage-1 approval letter no. F.No.4-KRB1166 /2018 -BAN 650 dated 22.07.2019 (**Proposal No. FP/KA/ROAD/26269/2017**)

S.No	S.No as mentioned in the MoEF GoI Stage-1 approval letter	Condition
	1	The legal status of forest land shall remain unchanged
	2	The boundary of the forest land to be diverted shall be suitably demarcated on ground at the project cost as per the directions of concerned Divisional Forest Officer before Stage-II approval.
	6	A Mitigation Plan as approved by the CWLW shall be implemented by the User Agency at their cost.
	7	User Agency should fell trees only if it is necessary and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department
	9	Additional amount of the Net Present Value (NPV) of the diverted forest land if any, becoming due after revision of the same by the Hon'ble Supreme Court of India in future, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect.
	11	The layout plan of the proposal shall not be changed without prior approval of Central Government.
	12	No labour camp shall be established on the forest land
	15	The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Government of India

Project Implementation Unit : Ramanagara

बसवनपुर (रामदेवरपाद), रामनगर, कर्नाटक - ५६२१२८ Basavanapura (Ramadevarapada), Ramanagara, Karnataka - 562128
Phone No.: 8277 - 385842, 080 - 29780089, E-mail : piuramanagara@gmail.com, piuramanagara@nhai.org
Head Quarters : G-5 & 6, Sector -10, Dwarka, New delhi -110075. Ph.: 011-2507410

	13	No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.
	14	The forest area shall be used for the purpose for which it is granted. The total forest area utilized for the project shall not exceed 1.894 ha.
	17	Any other condition that the Ministry of Environment, forest and climate change may stipulate from time to time in the interest of conservation, protection and development of forest and wildlife


GM(Tech) & Project Director
PIU-Ramanagara



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
(सड़क परिवहन एवं राजमार्ग मंत्रालय) भारत सरकार
(Ministry of Road Transport and Highways)
Government Of India



NHAI/PIU-RMNG/12014/ /2021-22/ 1238

05.08.2021

To

The Deputy Conservator of Forest
Bengaluru Urban District
Bengaluru

Sub: Compliance for Nodal Officer observation towards diversion of 1.894 ha of forest land in Sy.no. 12 & 13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bengaluru South Taluk, Bengaluru Urban District of BRT Tiger Reserve Boundary to Bengaluru section of NH-209 stage-2 approval request – Reg.

Ref: PCCF (FC) and Nodal Officer (FCA) letter no. E-office File No. KFD/HOFF/A5-4(GFL)/17/2018-FC dt. 14.06.2021

Sir,

Please refer to above cited subject, wherein the PCCF (FC) and Nodal Officer (FCA) vide letter cited under reference requested to submit the following compliance to process the proposal further for stage-2 approval of diversion of 1.894 ha of forest land in Sy.no. 12 & 13 of Uttarahalli-Manavarthe (U.M) Kavalu, Bengaluru South Taluk, Bengaluru Urban District.

Sl.No.	PCCF (FC) and Nodal Officer (FCA) observation	PIU compliance
1.	Another consolidated Undertaking (ink-signed) from User Agency to abide by the Condition Nos. 13, 14 and 17 of the Stage-1 approval.	Consolidated undertaking (ink-signed 3 copies) enclosed
2.	Photographs in support of the physical demarcation of proposed lease area showing the (four feet high) RCC pillars duly numbered at interval of 20 meters and its GPS co-ordinates list.	The physical demarcation of diverted forest land of 4-feet height RCC pillars ready for erection in field but there is a encroachment in the diverted forest land which requires assistance /support of RFO /DFO in showing the boundary for erection of pillar vide PIU letter dated 12.07.2021 requested RFO Kaggalipura for eviction (copy enclosed). The response from RFO is still awaited. The readiness of pillars etc along with GPS Co-ordinates is enclosed for reference.
3.	Copy of Wildlife Mitigation Plan	The Principle Chief Conservator of Forests

Project Implementation Unit : Ramanagara

बसवनपुर (रामदेवरपाद), रामनगर, कर्नाटक - ५६२१२८ Basavanapura (Ramadevarapada), Ramanagara, Karnataka - 562128
Phone No.: 8277 - 385842, 080 - 29780089, E-mail : piuramanagara@gmail.com, piuramanagara@nhai.org
Head Quarters : G-5 & 6, Sector - 10, Dwarka, New Delhi - 110075. Ph : 011-2507410

	approved by approved CWLW for the said project.	(Wildlife) & Chief Wildlife Warden, Karnataka approval of mitigation proposal letter dated 14.02.2021 is enclosed for necessary action.
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In view of the above, it is requested to process the proposal further for stage-2 approval for diversion of 1.894 ha at the earliest.

Thanking you,

Yours faithfully,


(B.T. Sridhara)
GM(T) & PD

Encl: As above



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
(सड़क परिवहन एवं राजमार्ग मंत्रालय) भारत सरकार
(Ministry of Road Transport and Highways)
Government Of India



NHAI/PIU-RMNG/12014/ /2021-22/ 3220

12.02.2022

To

The Deputy Conservator of Forests
Bengaluru Urban Division
Bengaluru

Sub: Submission of co-ordinates and plan of diverted forest land 1.89ha in sy.no. 12 & 13 of UM Kaval village, Bengaluru South taluk, Bengaluru Urban Division in NH-209 – Reg.

Sir,

Please refer to the above cited subject as desired by forest department co-ordinates and plan of forest land diversion of 1.89ha in Sy.no. 12 & 13 of UM Kaval Bengaluru South taluk, Bengaluru Urban division is submitted as per the condition no. 2 of in stage-1 approval letter no. 4-KRB 1166/2018-BAN-65 dt. 22.07.2019 and it is requested to forward the proposal for stage-2 approval at the earliest.

Thanking you,

Yours faithfully,

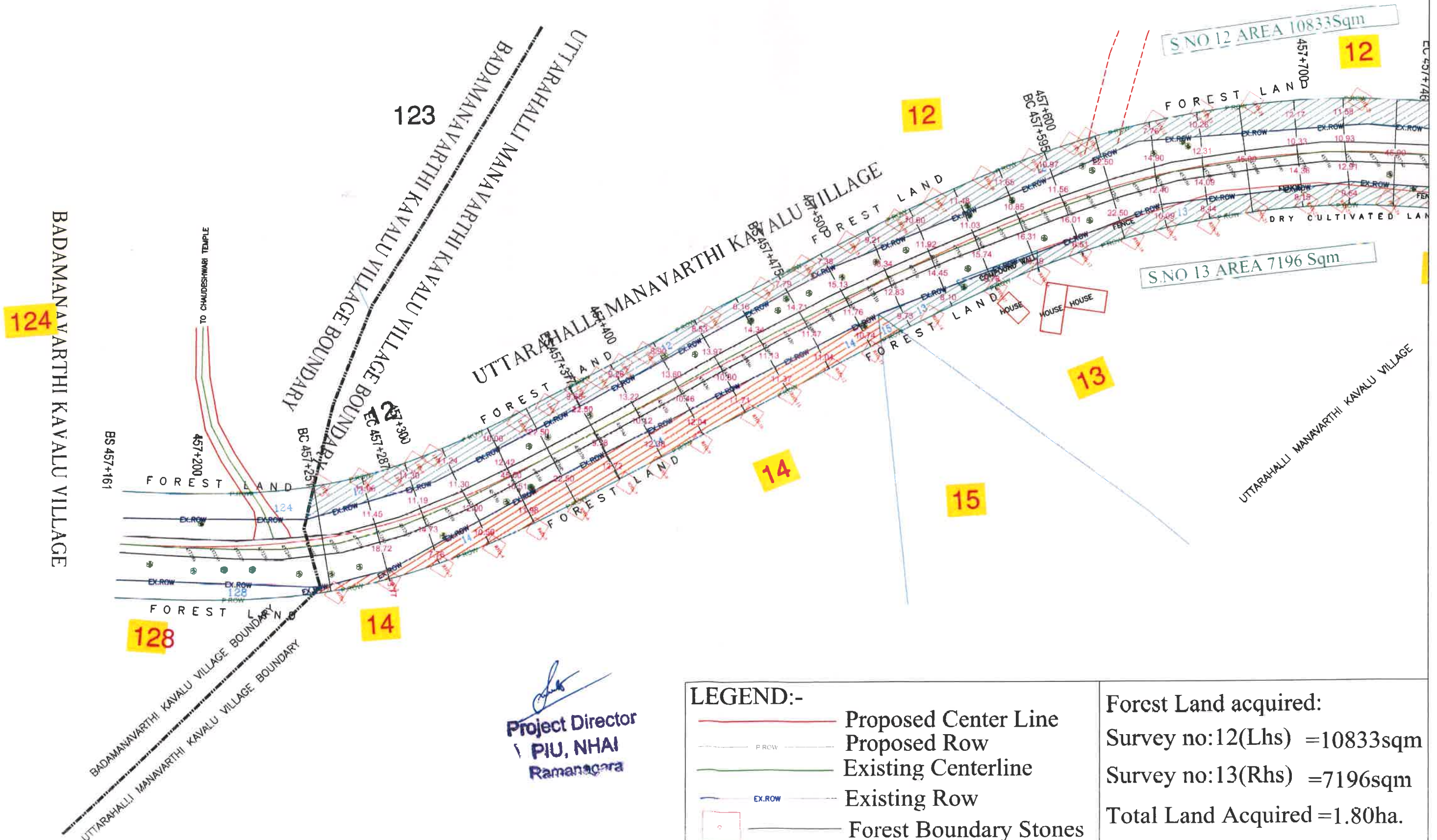
(B.T. Sridhara)
GM(T) & PD

Copy to: 1. The ACF, Bengaluru South – for information with a copy of co-ordinates and Plan & requested to forward the report to DCF for stage-2 approval at the earliest.
2. The RFO, Kaggalipura – for information with a copy of plan and co-ordinates as desired during joint inspection and requested to forward the proposal to ACF and DCF at the earliest.

BRT NH-209 FOREST LAND ACQUISITION PLAN(s.no 12&13)

CHAMARAJNAGAR

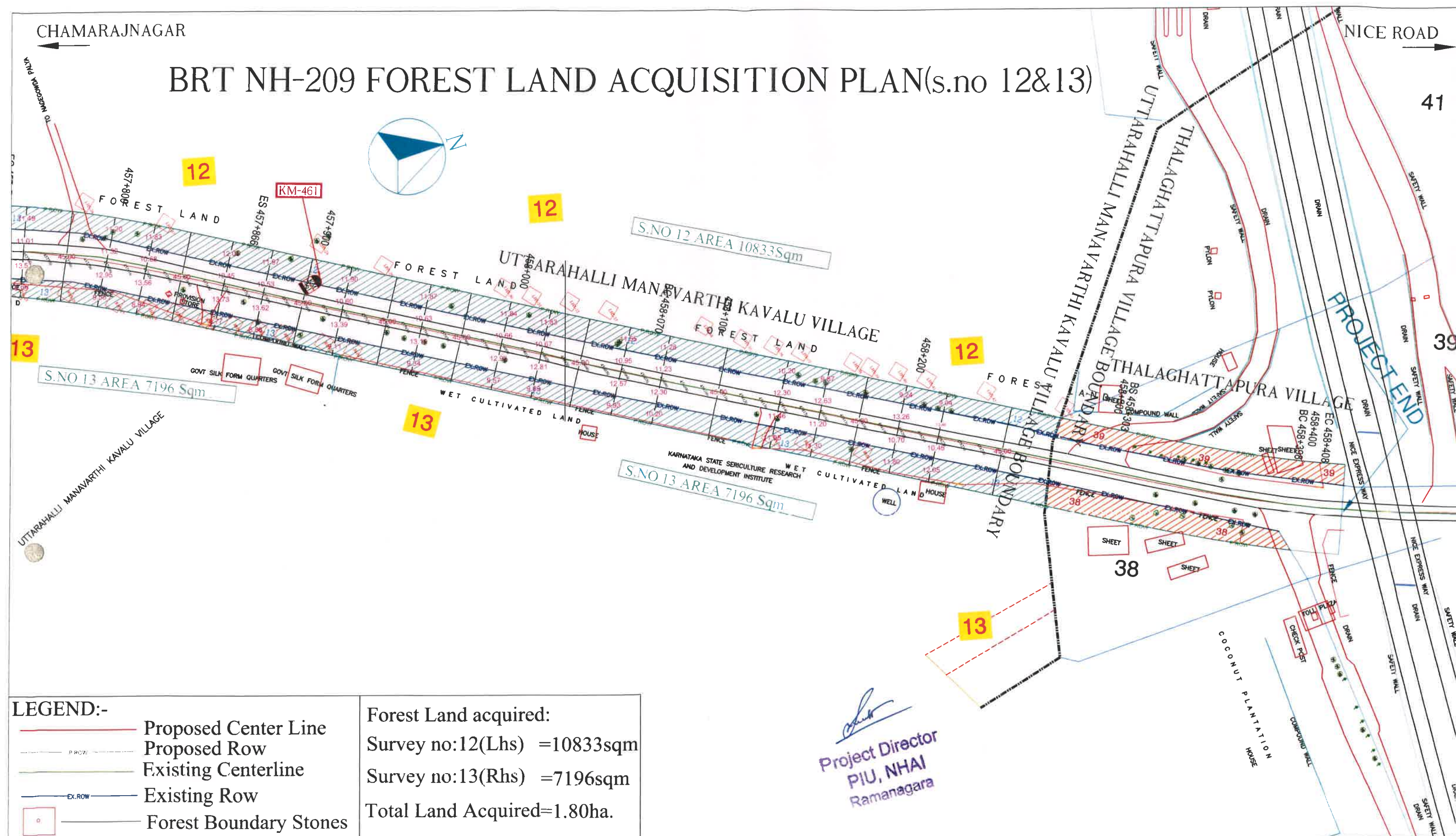
NICE ROAD



CHAMARAJNAGAR

BRT NH-209 FOREST LAND ACQUISITION PLAN(s.no 12&13)

41



"FOREST BOUNDARY STONE COORDINATES"

Sl.no	Pillar no	Easting [m]	Northing [m]	Decimal Degrees		Degrees, minutes & seconds	
				Latitude [°]	Longitude [°]	Latitude [°]	Longitude [°]
1	RHS-1	773748.709	1421754.336	12.85670222	77.52618865	12° 50' 55.64" N	77° 31' 19.69" E
2	RHS-2	773756.217	1421775.719	12.84878782	77.52213597	12° 50' 56.33" N	77° 31' 19.95" E
3	RHS-3	773762.996	1421797.553	12.84898033	77.52220703	12° 50' 57.04" N	77° 31' 20.18" E
4	RHS-4	773767.668	1421820.240	12.84917698	77.52227141	12° 50' 57.77" N	77° 31' 20.34" E
5	RHS-5	773771.102	1421839.356	12.84938151	77.52231648	12° 50' 58.39" N	77° 31' 20.46" E
6	RHS-6	773773.345	1421858.581	12.8495539	77.52234982	12° 50' 59.02" N	77° 31' 20.54" E
7	RHS-7	773774.868	1421881.352	12.84972739	77.52237221	12° 50' 59.76" N	77° 31' 20.60" E
8	RHS-8	773776.144	1421895.702	12.84993297	77.52238828	12° 51' 00.22" N	77° 31' 20.64" E
9	RHS-9	773776.785	1421916.715	12.85006249	77.52240132	12° 51' 00.91" N	77° 31' 20.67" E
10	RHS-10	773778.287	1421940.806	12.85025226	77.52240912	12° 51' 01.69" N	77° 31' 20.73" E
11	RHS-11	773778.744	1421958.864	12.85046977	77.52242512	12° 51' 02.28" N	77° 31' 20.75" E
12	RHS-12	773780.100	1421980.551	12.85063286	77.52243095	12° 51' 02.98" N	77° 31' 20.80" E
13	RHS-13	773782.164	1421998.169	12.85082866	77.5224454	12° 51' 03.56" N	77° 31' 20.88" E
14	RHS-14	773782.794	1422027.160	12.85098764	77.52246599	12° 51' 04.50" N	77° 31' 20.91" E
15	RHS-15	773787.248	1422055.963	12.85124949	77.52247441	12° 51' 05.43" N	77° 31' 21.06" E
16	RHS-16	773791.557	1422074.693	12.85150931	77.52251801	12° 51' 06.04" N	77° 31' 21.21" E
17	RHS-17	773793.592	1422093.961	12.85167813	77.52255938	12° 51' 06.67" N	77° 31' 21.29" E
18	RHS-18	773799.875	1422115.903	12.85185202	77.52257985	12° 51' 07.38" N	77° 31' 21.50" E
19	RHS-19	773803.238	1422130.006	12.85204968	77.52263968	12° 51' 07.84" N	77° 31' 21.62" E
20	RHS-20	773811.482	1422146.038	12.85217679	77.52267191	12° 51' 08.36" N	77° 31' 21.90" E
21	RHS-21	773817.735	1422166.015	12.8523209	77.52274927	12° 51' 09.00" N	77° 31' 22.11" E
22	RHS-22	773826.659	1422185.323	12.85250082	77.52280864	12° 51' 09.63" N	77° 31' 22.41" E
23	RHS-23	773833.266	1422197.375	12.85267445	77.52289255	12° 51' 10.02" N	77° 31' 22.64" E
24	RHS-24	773843.641	1422213.956	12.85278275	77.52295447	12° 51' 10.55" N	77° 31' 22.99" E
25	RHS-25	773854.328	1422231.480	12.85292883	77.52304841	12° 51' 11.12" N	77° 31' 23.35" E
26	RHS-26	773867.781	1422250.653	12.85293162	77.52305149	12° 51' 11.74" N	77° 31' 23.80" E
27	RHS-27	773885.523	1422267.865	12.85308898	77.52315147	12° 51' 12.29" N	77° 31' 24.39" E
28	RHS-28	773896.616	1422280.136	12.853261	77.52327706	12° 51' 12.69" N	77° 31' 24.76" E
29	RHS-29	773905.380	1422290.798	12.85341493	77.52344198	12° 51' 13.03" N	77° 31' 25.06" E
30	RHS-30	773916.468	1422301.370	12.8535248	77.52354521	12° 51' 13.37" N	77° 31' 25.43" E
31	RHS-31	773926.141	1422311.752	12.85362035	77.52362687	12° 51' 13.71" N	77° 31' 25.75" E
32	RHS-32	773934.159	1422320.527	12.85371487	77.52372991	12° 51' 13.99" N	77° 31' 26.02" E
33	RHS-33	773943.434	1422330.074	12.8538078	77.52381991	12° 51' 14.30" N	77° 31' 26.33" E
34	RHS-34	773957.679	1422344.560	12.85388636	77.52389453	12° 51' 14.77" N	77° 31' 26.81" E
35	RHS-35	773968.402	1422354.731	12.85397179	77.52398079	12° 51' 15.09" N	77° 31' 27.17" E
36	RHS-36	774115.204	1422504.785	12.85410139	77.52411325	12° 51' 19.93" N	77° 31' 32.08" E
37	RHS-37	774125.902	1422516.738	12.85419233	77.5242129	12° 51' 20.31" N	77° 31' 32.44" E
38	RHS-38	774146.053	1422538.351	12.85553491	77.5255781	12° 51' 21.01" N	77° 31' 33.11" E

Sl.no	Pillar no	Easting [m]	Northing [m]	Decimal Degrees		Degrees, minutes & seconds	
				Latitude [°]	Longitude [°]	Latitude [°]	Longitude [°]
1	LHS-1	773706.5099	1421772.919	12.84895943	77.52174912	12° 50' 56.25" N	77° 31' 18.30" E
2	LHS-2	773713.777	1421788.752	12.84910182	77.52181746	12° 50' 56.77" N	77° 31' 18.54" E
3	LHS-3	773719.8791	1421801.074	12.8492126	77.52187475	12° 50' 57.17" N	77° 31' 18.75" E
4	LHS-4	773719.5797	1421811.274	12.84930477	77.52187291	12° 50' 57.50" N	77° 31' 18.74" E
5	LHS-5	773721.1413	1421819.142	12.84937571	77.521888	12° 50' 57.75" N	77° 31' 18.80" E
6	LHS-6	773727.9576	1421856.974	12.84971689	77.52195417	12° 50' 58.98" N	77° 31' 19.04" E
7	LHS-7	773728.4306	1421871.085	12.84984432	77.5219598	12° 50' 59.44" N	77° 31' 19.06" E
8	LHS-8	773728.5445	1421885.028	12.84997027	77.52196211	12° 50' 59.89" N	77° 31' 19.06" E
9	LHS-9	773730.1535	1421895.171	12.85006176	77.52197783	12° 51' 00.22" N	77° 31' 19.12" E
10	LHS-10	773730.477	1421906.11	12.85016055	77.5219818	12° 51' 00.58" N	77° 31' 19.13" E
11	LHS-11	773731.59	1421917.285	12.85026142	77.52199305	12° 51' 00.94" N	77° 31' 19.17" E
12	LHS-12	773733.352	1421948.492	12.85054318	77.52201209	12° 51' 01.96" N	77° 31' 19.24" E
13	LHS-13	773734.6076	1421973.614	12.85077002	77.52202592	12° 51' 02.77" N	77° 31' 19.29" E
14	LHS-14	773735.548	1421992.852	12.85094373	77.52203631	12° 51' 03.40" N	77° 31' 19.33" E
15	LHS-15	773737.1097	1422014.412	12.85113837	77.52205264	12° 51' 04.10" N	77° 31' 19.39" E
16	LHS-16	773740.1964	1422036.567	12.85133824	77.52208305	12° 51' 04.82" N	77° 31' 19.50" E
17	LHS-17	773741.2197	1422054.715	12.85150211	77.52209411	12° 51' 05.41" N	77° 31' 19.54" E
18	LHS-18	773744.2596	1422076.833	12.85170165	77.5221241	12° 51' 06.13" N	77° 31' 19.65" E
19	LHS-19	773748.9382	1422097.826	12.85189089	77.52216907	12° 51' 06.81" N	77° 31' 19.81" E
20	LHS-20	773752.1419	1422115.834	12.85205329	77.52220019	12° 51' 07.39" N	77° 31' 19.92" E
21	LHS-21	773754.1933	1422122.72	12.85211531	77.5222197	12° 51' 07.62" N	77° 31' 19.99" E
22	LHS-22	773763.1333	1422150.205	12.85236282	77.52230449	12° 51' 08.51" N	77° 31' 20.30" E
23	LHS-23	773769.6797	1422169.084	12.85253279	77.52236647	12° 51' 09.12" N	77° 31' 20.52" E
24	LHS-24	773778.5372	1422188.863	12.8527107	77.5224498	12° 51' 09.76" N	77° 31' 20.82" E
25	LHS-25	773801.5809	1422227.367	12.8530565	77.52266545	12° 51' 11.00" N	77° 31' 21.60" E
26	LHS-26	773834.8229	1422281.726	12.85354463	77.52297642	12° 51' 12.76" N	77° 31' 22.72" E
27	LHS-27	773865.1245	1422310.172	12.85379893	77.52325798	12° 51' 13.68" N	77° 31' 23.73" E
28	LHS-28	773914.4276	1422368.916	12.85432526	77.52371723	12° 51' 15.57" N	77° 31' 25.38" E
29	LHS-29	773940.4328	1422389.745	12.85451113	77.52395854	12° 51' 16.24" N	77° 31' 26.25" E
30	LHS-30	773981.3978	1422433.464	12.85490245	77.52433966	12° 51' 17.65" N	77° 31' 27.62" E
31	LHS-31	773992.372	1422442.976	12.85498741	77.52444157	12° 51' 17.95" N	77° 31' 27.99" E
32	LHS-32	774004.742	1422457.003	12.85511303	77.52455673	12° 51' 18.41" N	77° 31' 28.40" E
33	LHS-33	774018.3588	1422470.641	12.85523503	77.52468333	12° 51' 18.85" N	77° 31' 28.86" E
34	LHS-34	774050.3183	1422505.792	12.85554975	77.52498077	12° 51' 19.98" N	77° 31' 29.93" E
35	LHS-35	774066.4046	1422519.069	12.85566827	77.52513008	12° 51' 20.41" N	77° 31' 30.47" E
36	LHS-36	774077.2869	1422530.068	12.85576667	77.52523127	12° 51' 20.76" N	77° 31' 30.83" E
37	LHS-37	774087.0106	1422539.452	12.85585059	77.52532164	12° 51' 21.06" N	77° 31' 31.16" E
38	LHS-38	774105.0356	1422558.096	12.85601742	77.52548929	12° 51' 21.66" N	77° 31' 31.76" E
39	LHS-39	774111.6904	1422564.004	12.8560702	77.5255511	12° 51' 21.85" N	77° 31' 31.98" E
40	LHS-40	774121.1109	1422574.672	12.85616573	77.5256388	12° 51' 22.20" N	77° 31' 32.30" E
41	LHS-41	774131.8459	1422584.675	12.85625515	77.52573854	12° 51' 22.52" N	77° 31' 32.66" E
42	LHS-42	774152.7122	1422606.445	12.85644998	77.52593263	12° 51' 23.22" N	77° 31' 33.36" E
43	LHS-43	774180.2413	1422634.637	12.85670222	77.52618865	12° 51' 24.13" N	77° 31' 34.28" E


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EXISTING ROW COORDINATES LHS							
S.NO	POINT ID	EASTING	NORTHING	Decimal Degrees		Degrees, Minutes & Seconds	
				Latitude [°]	Longitude [°]	Latitude [°]	Longitude [°]
1	LHS-1	773718.526	1421769.502	12.84892759	77.52185944	12° 50' 56.139" N	77° 31' 18.694" E
2	LHS-2	773723.235	1421786.062	12.84907678	77.52190429	12° 50' 56.676" N	77° 31' 18.855" E
3	LHS-3	773726.934	1421799.068	12.84919395	77.52193951	12° 50' 57.098" N	77° 31' 18.982" E
4	LHS-4	773729.595	1421808.426	12.84927825	77.52196486	12° 50' 57.402" N	77° 31' 19.073" E
5	LHS-5	773731.581	1421818.327	12.84936752	77.52198404	12° 50' 57.723" N	77° 31' 19.143" E
6	LHS-6	773734.409	1421856.493	12.84971207	77.52201352	12° 50' 58.963" N	77° 31' 19.249" E
7	LHS-7	773735.653	1421870.52	12.84983868	77.52202624	12° 50' 59.419" N	77° 31' 19.294" E
8	LHS-8	773736.458	1421884.617	12.84996596	77.52203492	12° 50' 59.877" N	77° 31' 19.326" E
9	LHS-9	773736.988	1421894.816	12.85005805	77.52204072	12° 51' 0.209" N	77° 31' 19.347" E
10	LHS-10	773737.556	1421905.742	12.8501567	77.52204693	12° 51' 0.564" N	77° 31' 19.369" E
11	LHS-11	773738.137	1421916.945	12.85025786	77.52205329	12° 51' 0.928" N	77° 31' 19.392" E
12	LHS-12	773739.759	1421948.159	12.8505397	77.52207104	12° 51' 1.943" N	77° 31' 19.456" E
13	LHS-13	773741.064	1421973.279	12.85076652	77.52208532	12° 51' 2.759" N	77° 31' 19.507" E
14	LHS-14	773742.063	1421992.514	12.8509402	77.52209626	12° 51' 3.385" N	77° 31' 19.547" E
15	LHS-15	773744.449	1422013.14	12.85112633	77.52212009	12° 51' 4.055" N	77° 31' 19.632" E
16	LHS-16	773748.266	1422035.168	12.85132499	77.52215722	12° 51' 4.77" N	77° 31' 19.766" E
17	LHS-17	773751.35	1422052.959	12.85148544	77.52218722	12° 51' 5.348" N	77° 31' 19.874" E
18	LHS-18	773755.16	1422074.944	12.85168372	77.52222428	12° 51' 6.061" N	77° 31' 20.007" E
19	LHS-19	773758.828	1422096.112	12.85187462	77.52225996	12° 51' 6.749" N	77° 31' 20.136" E
20	LHS-20	773761.951	1422114.134	12.85203716	77.52229034	12° 51' 7.334" N	77° 31' 20.245" E
21	LHS-21	773763.17	1422121.164	12.85210056	77.5223022	12° 51' 7.562" N	77° 31' 20.288" E
22	LHS-22	773770.04	1422146.491	12.85232876	77.52236774	12° 51' 8.384" N	77° 31' 20.524" E
23	LHS-23	773779.384	1422163.865	12.85248489	77.52245533	12° 51' 8.946" N	77° 31' 20.839" E
24	LHS-24	773789.622	1422182.902	12.85265596	77.52255132	12° 51' 9.561" N	77° 31' 21.185" E
25	LHS-25	773810.854	1422222.38	12.85301072	77.52275036	12° 51' 10.839" N	77° 31' 21.901" E
26	LHS-26	773847.782	1422272.846	12.85346336	77.52309492	12° 51' 12.468" N	77° 31' 23.142" E
27	LHS-27	773874.998	1422300.431	12.85371016	77.523348	12° 51' 13.357" N	77° 31' 24.053" E
28	LHS-28	773928.687	1422354.741	12.85419604	77.52384723	12° 51' 15.106" N	77° 31' 25.85" E
29	LHS-29	773951.998	1422378.255	12.8544064	77.52406398	12° 51' 15.863" N	77° 31' 26.63" E
30	LHS-30	773994.204	1422420.742	12.85478648	77.52445642	12° 51' 17.231" N	77° 31' 28.043" E
31	LHS-31	774004.411	1422431.016	12.8548784	77.52455132	12° 51' 17.562" N	77° 31' 28.385" E
32	LHS-32	774017.569	1422444.26	12.85499688	77.52467367	12° 51' 17.989" N	77° 31' 28.825" E
33	LHS-33	774031.151	1422457.932	12.85511918	77.52479996	12° 51' 18.429" N	77° 31' 29.28" E
34	LHS-34	774064.312	1422492.53	12.8554288	77.5251084	12° 51' 19.544" N	77° 31' 30.39" E
35	LHS-35	774078.552	1422507.557	12.85556329	77.52524087	12° 51' 20.028" N	77° 31' 30.867" E
36	LHS-36	774089.193	1422518.785	12.85566378	77.52533986	12° 51' 20.39" N	77° 31' 31.223" E
37	LHS-37	774098.479	1422528.583	12.85575148	77.52542624	12° 51' 20.705" N	77° 31' 31.534" E
38	LHS-38	774116.316	1422547.405	12.85591993	77.52559218	12° 51' 21.312" N	77° 31' 32.132" E
39	LHS-39	774122.415	1422553.84	12.85597753	77.52564891	12° 51' 21.519" N	77° 31' 32.336" E
40	LHS-40	774132.199	1422564.164	12.85606992	77.52573993	12° 51' 21.852" N	77° 31' 32.664" E
41	LHS-41	774142.273	1422574.794	12.85616506	77.52583364	12° 51' 22.194" N	77° 31' 33.001" E
42	LHS-42	774163.015	1422596.681	12.85636095	77.5260266	12° 51' 22.899" N	77° 31' 33.696" E
43	LHS-43	774190.591	1422622.662	12.85659322	77.52628285	12° 51' 23.736" N	77° 31' 34.618" E

EXISTING ROW COORDINATES RHS							
S.NO	POINT ID	EASTING	NORTHING	Decimal Degrees		Degrees, Minutes & Seconds	
				Latitude [°]	Longitude [°]	Latitude [°]	Longitude [°]
1	RHS-1	773745.04	1421755.524	12.84879897	77.52210229	12° 50' 55.676" N	77° 31' 19.568" E
2	RHS-2	773752.019	1421777.078	12.84899307	77.52216849	12° 50' 56.375" N	77° 31' 19.807" E
3	RHS-3	773753.811	1421798.094	12.84918277	77.52218689	12° 50' 57.058" N	77° 31' 19.873" E
4	RHS-4	773755.158	1421820.976	12.84938937	77.52220135	12° 50' 57.802" N	77° 31' 19.925" E
5	RHS-5	773756.291	1421840.228	12.84956319	77.52221352	12° 50' 58.427" N	77° 31' 19.969" E
6	RHS-6	773757.427	1421859.518	12.84973736	77.52222572	12° 50' 59.054" N	77° 31' 20.013" E
7	RHS-7	773759.102	1421882.735	12.84994695	77.52224323	12° 50' 59.809" N	77° 31' 20.076" E
8	RHS-8	773760.36	1421897.086	12.85007649	77.52225611	12° 51' 0.275" N	77° 31' 20.122" E
9	RHS-9	773762.194	1421917.995	12.85026522	77.52227488	12° 51' 0.955" N	77° 31' 20.19" E
10	RHS-10	773764.302	1421942.032	12.85048218	77.52229646	12° 51' 1.736" N	77° 31' 20.267" E
11	RHS-11	773765.873	1421959.946	12.85064388	77.52231254	12° 51' 2.318" N	77° 31' 20.325" E
12	RHS-12	773767.775	1421981.632	12.85083962	77.52233201	12° 51' 3.023" N	77° 31' 20.395" E
13	RHS-13	773769.324	1421999.295	12.85099905	77.52234786	12° 51' 3.597" N	77° 31' 20.452" E
14	RHS-14	773773.759	1422028.911	12.85126621	77.52239137	12° 51' 4.558" N	77° 31' 20.609" E
15	RHS-15	773779.222	1422057.096	12.85152035	77.52244421	12° 51' 5.473" N	77° 31' 20.799" E
16	RHS-16	773782.956	1422076.36	12.85169405	77.52248033	12° 51' 6.099" N	77° 31' 20.929" E
17	RHS-17	773786.629	1422095.311	12.85186493	77.52251586	12° 51' 6.714" N	77° 31' 21.057" E
18	RHS-18	773790.956	1422117.632	12.85206619	77.52255771	12° 51' 7.438" N	77° 31' 21.208" E
19	RHS-19	773793.712	1422131.852	12.85219441	77.52258437	12° 51' 7.9" N	77° 31' 21.304" E
20	RHS-20	773802.191	1422150.538	12.85236247	77.52266412	12° 51' 8.505" N	77° 31' 21.591" E
21	RHS-21	773811.217	1422169.172	12.85253001	77.52274891	12° 51' 9.108" N	77° 31' 21.896" E
22	RHS-22	773820.487	1422188.312	12.8527021	77.52283598	12° 51' 9.728" N	77° 31' 22.21" E
23	RHS-23	773826.471	1422200.666	12.85281318	77.52289219	12° 51' 10.127" N	77° 31' 22.412" E
24	RHS-24	773837.863	1422218.136	12.85296999	77.52299866	12° 51' 10.692" N	77° 31' 22.795" E
25	RHS-25	773849.858	1422234.715	12.8531187	77.5231106	12° 51' 11.227" N	77° 31' 23.198" E
26	RHS-26	773863.586	1422253.688	12.85328889	77.5232387	12° 51' 11.84" N	77° 31' 23.659" E
27	RHS-27	773881.169	1422272.148	12.8534541	77.52340226	12° 51' 12.435" N	77° 31' 24.248" E
28	RHS-28	773892.759	1422283.93	12.85355951	77.52351004	12° 51' 12.814" N	77° 31' 24.636" E
29	RHS-29	773902.399	1422293.731	12.8536472	77.52359968	12° 51' 13.13" N	77° 31' 24.959" E
30	RHS-30	773913.244	1422304.757	12.85374585	77.52370053	12° 51' 13.485" N	77° 31' 25.322" E
31	RHS-31	773923.083	1422314.76	12.85383535	77.52379202	12° 51' 13.807" N	77° 31' 25.651" E
32	RHS-32	773931.413	1422323.228	12.85391111	77.52386948	12° 51' 14.08" N	77° 31' 25.93" E
33	RHS-33	773940.747	422332.718	3.817366653	77.46651336	3° 49' 2.52" N	77° 27' 59.448" E
34	RHS-34	773954.993	1422347.202	12.8541256	77.52408875	12° 51' 14.852" N	77° 31' 26.719" E
35	RHS-35	773965.351	1422357.732	12.85421981	77.52418507	12° 51' 15.191" N	77° 31' 27.066" E
36	RHS-35a	774011.154	1422404.298	12.85463643	77.52461099	12° 51' 16.691" N	77° 31' 28.6" E
37	RHS-35b	774021.26	1422414.579	12.85472841	77.52470497	12° 51' 17.022" N	77° 31' 28.938" E
38	RHS-35c	774034.353	1422427.895	12.85484755	77.52482672	12° 51' 17.451" N	77° 31' 29.376" E
39	RHS-35d	774047.863	1422441.638	12.8549705	77.52495235	12° 51' 17.894" N	77° 31' 29.828" E
40	RHS-35e	774081.284	1422476.216	12.85527992	77.52526319	12° 51' 19.008" N	77° 31' 30.947" E
41	RHS-35f	774095.620	1422491.164	12.85541369	77.52539654	12° 51' 19.489" N	77° 31' 31.428" E
42	RHS-36	774111.766	1422508.069	12.85556498	77.52554673	12° 51' 20.034" N	77° 31' 31.968" E
43	RHS-37	774122.84	1422519.663	12.85566873	77.52564974	12° 51' 20.407" N	77° 31' 32.339" E
44	RHS-37a	774133.543	1422530.868	12.85576901	77.52574929	12° 51' 20.768" N	77° 31' 32.697" E
45	RHS-38	774143.248	1422541.03	12.85585995	77.52583957	12° 51' 21.096" N	77° 31' 33.022" E
46	RHS-38a	774149.491	1422547.565	12.85591844	77.52589764	12° 51' 21.306" N	77° 31' 33.232" E
47	RHS-38b	774159.608	1422558.158	12.85601324	77.52599175	12° 51' 21.648" N	77° 31' 33.57" E
48	RHS-38c	774180.411	1422579.901	12.85620782	77.52618525	12° 51' 22.348" N	77° 31' 34.267" E


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