

To,  
The Deputy Conservator of Forest,  
Social Forest Division,  
301, 3<sup>rd</sup> Floor, Bahumadi Bhawan,  
Bhuj, Kutch, Gujarat

Subject: Widening & strengthening of existing B.T. Surface and reconstruction of cross drainage structure of Deshapar Mandvi Naliya Narayan Sarovar road. (NH - 8A-Ext) Section: KM 226/200 to 242/500.

- Ref.: 1. Forest Online Proposal No. FP/GJ/ROAD/43099/2019 (6.52 Ha. Area)  
2. The GOI, MoEFCC, Integrated Regional Office Gandhinagar, File No. FC-6/GJC-17/2022-GNR, dated 21.07.2022 (6.52 Ha. Area)  
3. DCF, West Forest letter No. 5/844/2-6/63-64/22-23 dt. 24/05/2024.  
4. DEE, National Highway Sub Division Mandvi letter No. NH/PB/692/2024 dated 16.12.2024

With reference to the above referred letters and In-principal forest approval dated 21.07.2022 for diversion of 6.52 ha forest land for Widening & strengthening of existing B.T. Surface and reconstruction of cross drainage structure of Deshapar Mandvi Naliya Narayan Sarovar road. (NH - 8A-Ext) Section: KM 226/200 to 242/500., we here by submitting the compliance report to conditions stipulated under Stage 1 approval as below for further consideration & grant of final approval (i.e. Stage 2):

A: Conditions Which needs to be compiled prior to handling over of forest land by the state Forest Department:

Sr. no	Condition	Compliance
1	The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars if required on the CA land shall be deposited in advance with the Forest Department by the project authority. The CA will be maintained for 10 years. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years.	Demand note raised by the DCF office, total amount of Rs.1,31,58,432/- has been paid in Gujarat CAMPA account. (Receipt attached) towards cost for NPV (Rs.43,69,313/-) and Compensatory Afforestation (Rs. 87,89,119/-).
2	The state Government shall charge the Net Present Value (NPV) for the 6.52 ha forest area to be diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme court of India dated 30/10/2002, 01/08/2003, 28/03/2008, 24/04/2008 and 09/05/2008 in 1A No. 566 in WP© No. 202/1995 and as per the guidelines issued by the Ministry vide letters No. 5-1/1998-FC (pt.III) dated 18/09/2003, as well as letter No. 5-2/2006-FC dated 03/10/2006 and 5-3/2007-FC dated 05/02/2009 and revision of NPV vide Ministry letter No. 5-3/2001-FC(Vol-1) dated 06.01.2022 in this regard.	Demand note raised by the DCF office, total amount of Rs.1,31,58,432/- has been paid in Gujarat CAMPA account. (Receipt attached) towards cost for NPV (Rs.43,69,313/-) and Compensatory Afforestation (Rs. 87,89,119/-).
3	Working permission will be issued only after the receipt of wildlife Clearance from National Board of Wildlife (NBWL) and after the receipt of plan approved by Chief Wildlife Warden, involved suitable Eco-friendly measures to mitigate the impact of Highway on wildlife, based on the guidelines published by WII for ensuring safe passage of wildlife across the Highway.	Agreed, Currently Wildlife proposal pending at Chief Conservator of forests, wildlife circle Bhuj, for generating demand note.

1	Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of same by the Hon'ble Supreme court of India on receipt of the report Agency. The User Agency shall furnish an undertaking to this effect.	Agreed, we will pay additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of same by the Hon'ble Supreme court of India on receipt of the report Agency on the receipt of report again in future.
5	The complete compliance of FRA, 2006 Shall be ensured by way of prescribed certificate from the concerned District Collector.	Complied
6	The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the direction of concerned Divisional Forest Officer.	Agreed
7	The KML file of the Area to be diverted and the CA areas shall be uploaded on the e- Green watch portal with all requisite details, before issuing working permission toward linear project or submitting compliance report for seeking Stage-II approval, as the case may be.	Agreed
8	All the fund received from the user agency under the project shall be transferred/deposited to CAMPA fund only through e-portal.	Amount Deposited to CAMPA fund; Details of payment Complied. In compliance of demand note raised by the DCF office, total amount of Rs.1,31,58,432/- has been paid in Gujarat CAMPA account. (Receipt attached) towards cost for NPV (Rs.43,69,313/-) and Compensatory Afforestation (Rs. 87,89,119/-).

B: Conditions which needs to be strictly compiled on field after handing over of forest land to the user agency by the state Forest Department but the compliance in form of undertaking shall be submitted prior to Final/Stage-II approval:


<u>Sr. no</u>	<u>Condition</u>	<u>Compliance</u>
1	Legal status of the forest land shall remain unchanged	Agreed.
2	Forest land will be handed over to the User Agency only after required non-forest Land for the project is handed over to the User Agency.	Agreed
3	Compensatory afforestation shall be taken up by the Forest Department over 13.10 ha de-graded forest land, Survey No. 7/3, Village - Ukher, Taluka- Lakhpat, Range- Dayapar(North), District- Kutch of Gujarat at cost of the user agency. As far as possible, a mixture of local indigenous species shall be planted and mono-culture of any species may be avoided	Complied by the State Forest Department.
4	User Agency shall restrict the felling of trees to 12 trees/minimum numbers in the diverted forest land and the trees shall be felled under the strict supervision of the state forest Department and cost of felling of trees shall be deposited by the User agency with the state forest Department.	Agreed.
5	The User Agency shall raise strip plantation on both sides and central verge of the road as per IRC norms as per satisfaction of Gujarat Forest Department.	Agreed.
6	No damage to the flora and fauna of the adjoining area shall be caused.	Agreed and giving undertaking that No damage to the flora and fauna of the adjoining area shall be caused
7	The layout plan of the proposal shall not be changed without prior approval of Central Government.	Agreed and giving undertaking that the layout plan of the proposal shall not be changed without the prior approval of the Central Government.



8	No labour camp shall be established on the forest land	Agreed and giving undertaking that there will be no labour camp shall be established on the forest land.
9	Sufficient firewood, preferably the alternate land fuel, shall be provided by the User agency to the labourer after purchasing the same from the state forest department or the Forest Development Corporation or any other legal source of alternate fuel.	Agreed and giving undertaking that Sufficient firewood, preferably the alternate land fuel, shall be provided by the User agency to the labourer after purchasing the same from the state forest department or the Forest Development Corporation or any other legal source of alternate fuel.
10	The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the direction of the concerned Divisional Forest Officer.	Agreed and giving undertaking that the boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the direction of the concerned Divisional Forest Officer.
11	No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.	Agreed and giving undertaking that no additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.
12	The period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less.	Agreed
13	The forest land shall not be used for any purpose other than that specified in the project proposal.	Agreed and giving undertaking that the forest land shall not be used for any purpose other than that specified in the proposal
14	The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India.	Agreed and giving undertaking that the forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India.
15	The User Agency shall submit the annual self-compliance report in respect of the above stated condition to the state Government and Integrated Regional officer, Gandhinagar by the end of March every year.	Agreed and giving undertaking to comply this condition.
16	The User Agency shall comply with all the provisions of the all Acts, rules, Regulation, Guidelines, Hon'ble Court Order(s) and NGT Order(s) pertaining to this project, if any, for the time being in force, as applicable to the project.	Agreed and giving undertaking to comply this condition.
17	Violation of any of these condition 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 dt 29/01/2018.	Agreed and giving undertaking to comply this condition.
18	Any other condition that the concerned Regional Office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife	We are giving undertaking that any other condition that the concerned Regional Office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife we will be agreed to full fill.
19	The Compliance report shall be uploaded on e-portal ( <a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a> ).	Agreed

In view of above compliances, you are humbly requested to kindly grant the working permission to undertake the construction activities on diverted forest land and process the Stage 1 compliances for grant of final approval (i.e. Stage-II approval) under Section 2 of FC Act, 1980 by the Central Govt.

Encl: As Above

  
 Executive Engineer  
 National Highway Division  
 Gandhidham


Copy To,

1. The Superintending Engineer, National Highway Circle, Gandhinagar for kind information.
2. Deputy Executive Engineer, National Highway Sub Division, Mandvi for information and Necessary Action.



### Undertaking

1. No damage to the flora and fauna of the adjoining area shall be caused.
2. The layout plan of the proposal shall not be changed without prior approval of Central Government.
3. No labour camp shall be established on the forest land
4. Sufficient firewood, preferably the alternate land fuel, shall be provided by the User agency to the labourer after purchasing the same from the state forest department or the Forest Development Corporation or any other legal source of alternate fuel.
5. The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the direction of the concerned Divisional Forest Officer.
6. No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.
7. The forest land shall not be used for any purpose other than that specified in the project proposal.
8. The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India.
9. The User Agency shall submit the annual self-compliance report in respect of the above stated condition to the state Government and Integrated Regional officer, Gandhinagar by the end of March every year.
10. The User Agency shall comply with all the provisions of the all Acts, rules, Regulation, Guidelines, Hon'ble Court Order(s) and NGT Order(s) pertaining to this project, if any, for the time being in force, as applicable to the project.
11. Violation of any of these condition 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 dt 29/01/2018.
12. Any other condition that the concerned Regional Office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife.

  
Executive Engineer  
National Highway Division  
Gandhidham





भारत सरकार  
GOVERNMENT OF INDIA  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
MINISTRY OF ENVIRONMENT, FOREST &  
CLIMATE CHANGE  
एकीकृत क्षेत्रीय कार्यालय, गांधीनगर/ Integrated Regional  
Office, Gandhinagar



ए वींग- 407 एवं 409, "अरण्य भवन", सी.एच.-3 सर्किल के समीप, सेक्टर-10ए, गांधीनगर-382010 / A wing- 407 & 409, "ARANYA BHAWAN", Near CH-3 Circle, Sector-10A, Gandhi Nagar-382010  
Email: iro.gandhingar-mefcc@gov.in

File No. FC-6/GJC-17/2022-GNR

Date: 21<sup>st</sup> July, 2022

To  
Additional Chief Secretary (Forests)  
Govt. of Gujarat  
Block No. 14, 8th Floor, New Sachivalaya  
Gandhinagar, Gujarat.

(Online Proposal No: FP/GJ/ROAD/146193/2021)

**Sub: Diversion of 6.52 ha Protected Forest (Road side) land for widening and strengthening of Existing B.T. Surface and reconstruction of cross drainage structure of Deshalpar Mandvi Naliya Narayan Sarovar road (NH-8A Ext) section Km. 226/200 to 242/500 in favour of Executive Engineer, National Highway Division, Gandhidham.**

Sir,

This refers to letter No. FCA-1021/7-11/21/SF-165/F dated 09.02.2022 of the State Govt. of Gujarat on the above mentioned subject seeking prior approval of the Ministry of Environment, Forest & Climate Change under section 2 of Forest (Conservation) Act, 1980.

The proposal was duly considered and approved by the Regional Empowered Committee in its 5<sup>th</sup> Meeting held on 18.07.2022 for issuance of In-Principle/Stage-I approval. Therefore, the undersigned, on the behalf of the Central Government, conveys **In-Principle/Stage-I Approval** for diversion of 6.52 ha. Protected Forest (Road side) land for widening and strengthening of Existing B.T. Surface and reconstruction of cross drainage structure of Deshalpar Mandvi Naliya Narayan Sarovar road (NH-8A Ext) section Km. 226/200 to 242/500 in favour of Executive Engineer, National Highway Division, Gandhidham subject to the following general and standard and specific conditions: -

**A: Conditions which needs to be complied prior to handing over of forest land by the State Forest Department:**

1. The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars if required on the CA land shall be deposited in advance with the Forest Department by the project authority. The CA will be maintained for 10 years. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years.
2. The State Government shall charge the Net Present Value (NPV) for the 6.52 ha forest area to be diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme Court of India dated 30/10/2002, 01/08/2003, 28/03/2008, 24/04/2008 and 09/05/2008 in IA No. 566 in WP (C) No. 202/1995 and as per the

*[Signature]*  
21/07/2022



## File No.FC-6/GJC-17/2022-GNR/

guidelines issued by the Ministry vide letters No. 5-1/1998-FC (Pt.II) dated 18/09/2003, as well as letter No. 5-2/2006-FC dated 03/10/2006 and 5-3/2007-FC dated 05/02/2009 and **revision of NPV vide Ministry letter No. 5-3/2011-FC(Vol-1) dated 06.01.2022** in this regard.

3. **Working permission will be issued only after the receipt of Wildlife Clearance from National Board of Wildlife (NBWL) and after the receipt of plan approved by Chief Wildlife Warden, involving suitable Eco-friendly measures to mitigate the impact of Highway on Wildlife, based on the guidelines published by WII for ensuring safe passage of Wildlife across the Highway.**
4. Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect.
5. The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector.
6. The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the direction of concerned Divisional Forest Officer.
7. The KML file of the area to be diverted and the CA areas shall be uploaded on the e-Green watch portal with all requisite details, before issuing working permission towards linear projects or submitting compliance report for seeking Stage-II approval, as the case may be.
8. All the funds received from the user agency under the project shall be transferred/deposited to CAMPA fund only through e-portal.

**B: Conditions which needs to be strictly complied on field after handing over of forest land to the User Agency by the State Forest Department but the compliance in form of undertaking shall be submitted prior to Final/Stage-II approval:**

1. Legal status of the forest land shall remain unchanged.
2. Forest land will be handed over to the User Agency only after required non-forest land for the project is handed over to the User Agency.
3. Compensatory afforestation shall be taken up by the Forest Department over 13.10 ha de-graded forest land, Survey No. 7/3, Village- Ukher, Taluka- Lakhpat, Range- Dayapar (North), District- Kutch of Gujarat at the cost of the user agency. As far as possible, a mixture of local indigenous species shall be planted and mono-culture of any species may be avoided.
4. User agency shall restrict the felling of trees to 12 trees/minimum numbers in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department and cost of felling of trees shall be deposited by the User Agency with the State Forest Department.
5. **The User Agency shall raise strip plantation on both sides and central verge of the road as per IRC norms as per satisfaction of Gujarat Forest Department.**
6. No damage to the flora and fauna of the adjoining area shall be caused.
7. The layout plan of the proposal shall not be changed without prior approval of Central Government.
8. No labour camp shall be established on the forest land.
9. Sufficient firewood, preferably the alternate fuel, shall be provided by the User Agency to the labourer after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel.
10. The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer.
11. No additional or new path will be constructed inside the forest area for transportation

*[Signature]*  
21/07/2022



of construction materials for execution of the project work.

- 12.The period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less.
- 13.The forest land shall not be used for any purpose other than that specified in the project proposal.
- 14.The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India.
- 15.The User Agency shall submit the annual self compliance report in respect of the above stated conditions to the State Government and Integrated Regional Office, Gandhinagar by the end of March every year.
- 16.The User Agency shall comply with all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.
- 17.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 dt 29/01/2018.
- 18.Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife.
- 19.The compliance report shall be uploaded on e-portal (<https://parivesh.nic.in/>).

After receipt of compliance report on fulfillment of all of the above conditions from the State Government, proposal will be considered for Final/Stage-II approval under Section-2 of the Forest (Conservation) Act, 1980. The User Agency shall take up the work as per the guidelines in force and after ensuring that all necessary clearances for the entire stretch are in place. Working permission, if any issued, shall be intimated to IRO, Gandhinagar. Transfer of forest land shall not be effected till Final/Stage-II approval is granted by the Central Government in this regard.

Further, it may also be noted that this **In-principle / Stage-I** approval shall be valid for a period of 5 years from the date of issue of this letter. In the event of non-compliance of the above conditions, this In-principle approval shall be revoked after **five (05)** years.

Sincerely,

  
(Shrawan Kumar Verma)  
DIG & RO, IRO Gandhinagar

**Copy to:**

1. The Inspector General of Forests (Central), ROHQ Division, Ministry of Environment Forest and Climate Change, Indira paryavaran Bhawan, Jor Bagh Road, New Delhi-110003.
2. The APCCF & Nodal Officer (FCA), Aranya Bhawan, Sector- 10A, Gandhinagar, Gujarat.
3. The Deputy Conservator of Forests, SF Division Kutch, Gujarat.
4. The Executive Engineer, National Highway Division, Gandhidham, Gujarat.
5. Guard File.

## FORM-I

(for linear projects other than plantations)

[ Rule 6(3)(e) of Forest (Conservation) Rules 2003 as amended up to date]

Government of Gujarat

Office of the District Collector, Kutch

No.LAND/4/W.S./927/2020

Dated. 07/08/2023

## TO WHOMSOEVER IT MAY CONCERN

In compliance of the Rule 6(3)(e) of the Forest (Conservation) Rules, 2003 [as amended vide the Forest (Conservation) Amendment Rules 2014; Forest (Conservation) second Amendment Rules 2014; and Forest (Conservation) Amendment Rules 2016] it is certified that **6.5200 Hectares** (Land details shown in the table belows) of forest land proposed to be diverted in favour of **Deputy Executive Engineer, National Highway Division, Gadhidham** for Widening and Strengthening of existing BT surface and reconstruction of cross drainage structure of Deshalapar Mandvi- Naliya Narayansarovar road in Kutch district falls within jurisdiction **Mandvi, Abdasa & Lakhapat** tehsils.



Sr. NO.	Taluka	Village/Route	Survey No./ Road Name	Total Forest Area Required (Ha.)
1	Mandvi, Abdasa, Lakhapat	Deshalapar-Mandvi-Naliya-NaraNasarovar road 9NH-8A)	Protected Forest area on both side of road	6.5200
Total				6.5200

It is further certified that:

- (d) the complete process for recognition and vesting of rights under the FRA has been carried out for the entire 6.5200 hectares of forest land proposed for diversion. A copy of records of all consultation and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub- Division Level Committee(s) and the District Level Committee are enclosed. **(NOT APPLICABLE).**



- (e) the diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Grama Sabhas have given their consent to it. **(NOT APPLICABLE)**
- (f) the proposal area does not involve recognized rights of Primitive Tribal Groups and pre-agricultural communities.



**(AMIT ARORA)**

**COLLECTOR & DISTRICT MAGISTRATE  
KUTCH-BHUI**

**TO,**

- (1) Deputy Conservator of Forest, Banni Grass Land area, Bhuj-Kachchh.
- (2) Deputy Conservator of Forest, West Division, Bhuj-Kachchh.
- (3) Deputy Conservator of Forest, East Division, Bhuj-Kachchh.
- (4) Deputy Conservator of Forest, Social Forestry Division, Bhuj-Kachchh.
- (5) Deputy Executive Engineer, National Highway Gandhidham Division, Adipur



List of Proposals Submitted Online by User Agencies

▼ Help

Using this report, you can view details of proposals . Click on Proposal no to view detail of FORM-A part I. Click on  to print



Proposal Year : 2020 ▼

State : Gujarat ▼

Category : Road ▼

Status of the Proposal : Decision of NBWL ▼

Enter value for Search : 5007

SEARCH

Note :- All areas are in Hectares(ha.)



Sno.	Proposal No.	State Name	Proposal Name	Category	User Agency Name	Area (ha.)	Proposal Status	Proposal received on Wildlife Warden	View Report of Part-I & II	View TimeLine Details	Related Doc.
1	FP/GJ/ROAD/5007/2020	Gujarat	Widening of NH- 8A-Ext Section: KM 226/200 to 227/600 & 231/500 to 242/500	Road	EXECUTIVE ENGINEER NATIONAL HIGHWAY DIVISION, GANDHIDHAM (GUJARAT)	4.96	Decision of NBWL	21 Mar 2020			





અગ્ર મુખ્ય વન સંરક્ષકશ્રીની કચેરી,  
અરણ્યભવન બ્લોક નં.બી/૧, સેક્ટર નં. ૧૦ 'એ' ચ-૩ સર્કલ  
E-mail ID:cwlwguj@gmail.com, fax no: 079-23254788  
ગુજરાત રાજ્ય, ગાંધીનગર

પત્ર ક્રમાંક: વપસ/ટે.૩૨/ક/  
૪૧૪-૧૫/સને-૨૦૨૪-૨૫

તા. ૨૪/૧૧/૨૦૨૪

વિષય: Proposal for use of 4.96 ha of forest land from Narayan Sarovar Wildlife Sanctuary for strengthening and widening of the existing B.T. surface of National highway-8A (Ext.) of section km 226/200 to 227/500 and km 231/600 to 231/500 to 242/500, in District kutch, Gujarat.

સંદર્ભ: (૧) આપનો પત્ર ક્રમાંક:- અ/જમન/ટે.૧૨/૩૨૦૪-૦૬/૨૦૨૦-૨૧.

(૨) સ્ટેન્ડીંગ કમીટી ઓફ નેશનલ બોર્ડ ફોર વાઇલ્ડલાઇફની મીટીંગની મીનીટ્સ તા.૦૮/૦૮/૨૦૨૪.

ઉપરોક્ત વિષય તથા સંદર્ભ પત્રો અન્વયે મુખ્ય વન સંરક્ષકશ્રી, કચ્છ વન્યજીવ વર્તુળ, ભુજને જણાવવાનું કે, તેઓના દ્વારા સંદર્ભ-૧ના પત્રથી અરજદારશ્રી કાર્યપાલક ઇજનેરશ્રી, રાષ્ટ્રીય ધોરીમાર્ગ વિભાગ, ગાંધીધામ-કચ્છએ નારાયણ સરોવર વન્યપ્રાણી અભ્યારણ્ય વિસ્તારમાં આવેલ લખપત તાલુકાના મોજેઉ નારાયણ સરોવર, ગુહર નાની, ગુહર મોટી, ફુનરી, હમનખુડી તથા બુદધાના અભ્યારણ્ય વિસ્તારમાં રોડના મજબુતીકરણ તેમજ પહોળો કરવા માટેની વન્યપ્રાણી સંરક્ષણ ધારા-૧૯૭૨ હેઠળની જ.૯૬ હે.ની દરખાસ્ત હકારાત્મક અભિપ્રાય સહ અત્રેને મોકલવામાં આવેલ. જેને સ્ટેટ બોર્ડ ફોર વાઇલ્ડલાઇફની ૨૦મી બેઠકમાં મંજૂર રાખવામાં આવતા સદરહુ દરખાસ્તને ભારત સરકારશ્રીમાં મંજૂરી અર્થે સાદર કરવામાં આવેલ હતી. સ્ટેન્ડીંગ કમીટી ઓફ નેશનલ બોર્ડ ફોર વાઇલ્ડલાઇફની તા.૦૮/૦૮/૨૦૨૪ ના રોજ યોજાયેલ ૮૦મી બેઠકમાં શરતોને આધિન મંજૂર રાખવામાં આવેલ છે, જેમાં શરતોમાં જણાવ્યા મુજબના દસ્તાવેજો/પ્લાન/અન્ડરટેકીંગ ચુકર એજન્સી પારસેથી મેળવી મોકલી આપવા તેમજ શરત નં.૦૮માં જણાવ્યા મુજબ ચુકર એજન્સીને એન.પી.વી. માટેની કિમાન્ડ નોટ ઓનલાઇન આપી અને તે અંગે ચુકર એજન્સી દ્વારા કરવામાં આવેલ ભરણાની વિગતો અત્રેને આધાર સહિત મોકલી આપવી.

બિડાણ :- ઉપર મુજબ.



(એન. શ્રીવાસ્તવ)

અગ્ર મુખ્ય વન સંરક્ષક

વન્યજીવ

ગુજરાત રાજ્ય, ગાંધીનગર

પ્રતિ,  
મુખ્ય વન સંરક્ષકશ્રી,  
કચ્છ વન્યપ્રાણી વર્તુળ, ભુજ.

નકલ રવાના :- નાયબ વન સંરક્ષકશ્રી, કચ્છ પશ્ચિમ વન વિભાગ, ભુજને જાણ અને જરૂરી કાર્યવાહી સારૂ.

39

5172-73

No. WLP/32/C/ T-1 /2024-25

Office of the  
Principal Chief Conservator of Forests  
Block No. B/1, Aranya Bhavan,  
Ch-3 Circle, Sector - 10/A,  
Gujarat State, Gandhinagar.

Date: 23.01.2024

**Sub:-** Approval of Mitigation Plan against diversion of 6.52 ha of protected forest land passing through Narayan Sarovar favoring National Highway Division (Deshlapar-Mandavi-Naliya\_ Narayan Sarovar)

**Ref:-** No. NHR 14-2022-768-M, Reminder received on 09/01/2024

With reference to the above subject and reference, proposal quoted above, the Mitigation plan against diversion of 6.52 ha of protected forest land passing through Narayan Sarovar favoring National Highway Division (Deshlapar-Mandavi-Naliya\_ Narayan Sarovar) is requested.

The Mitigation Plan of Rs. 79.75 lakh/- (Seventy Nine. Seven five lakhs only) for two years will be provided for the activities mentioned below. A copy of the Mitigation Plan is enclosed herewith. The applicant will later be required to submit the amount for the said activities when asked. As per the attached letter it is approved.

#### Estimated Budget proposed for Mitigation

Activities	Amount Sanctioned (LAKH)
Dirking water tank ( n=10)	10
Renting of tanker (n=1)	05
Forest Pond (n=2)	08
Signage	10
Awareness camps (n=10)	02
Vehicle (jeep)	10
Motor Cycle	0.75
Check Post	15
Grass Plot	10
Monitoring/ Misc	09
<b>TOTAL</b>	<b>79.75</b>



(N. Srivastava)

Chief Wildlife Warden

Gujarat State, Gandhinagar

To,

The Conservator of Forests, Kutch

Copy to: H C Modi, Chief Engineer (N.H) &amp; Addl. Sec, R&amp; B Departmnet

CE (NH) & AS  
02.02.24



Final Submitted  
Sept, 2023

# Wildlife Management & Mitigation Plan

NAME OF WORK: "Wildlife Management and Mitigation Measures proposed for section between "Naliya to Narayan Sarovar" Ch. 226/200 to 227/600 and 231/500 to 242/500 of NH-8A ext. passing through "Narayan Sarovar Wildlife Sanctuary"

Deputy Executive Engineer  
National Highway Sub-Division  
Mandvi-Kutch

OFFICE OF EXECUTIVE ENGINEER  
NATIONAL HIGHWAY DIVISION  
GANDHIDHAM

Executive Engineer  
National Highway Division  
Gandhidham

## STUDY DISCLAIMER

This report "Wildlife Management and Mitigation Measures proposed for section between "Naliya to Narayan Sarovar" Ch. 226/200 to 227/600 and 231/500 to 242/500 of NH-8A ext. passing through "Narayan Sarovar Wildlife Sanctuary" prepared by Deputy Executive Engineer National Highway Sub division Mandvi Information provided in the report is based on the observations made during site visit and interaction with local people of the project region, any alteration in the proposed activities may result in variation of outcome. The interpretation of the observations and judgment is based on the professional experience and opinion of the subject experts.

### (I) Details of Project length passing through Wildlife Sanctuary

Permission under Section-29 of Wildlife (Protection) Act, 1942 for use of 4.96 ha. of land in Kutch Wildlife Sanctuary, Gujarat for Widening & strengthening of Existing B.T surface and re construction of cross drainage structure of Desalpar – Mandvi – Naliya - Narayan Sarovar.

Sr. No.	Design Chainage		Length	Width	Affected Area of road side protected forest inside Wild Life Sanctuary	Affected Area of road side protected forest outside Wild Life Sanctuary
	From	To	(Km)	(Mtr)	Sqm	Sqm
1	226/200	227/600	1.400	4.00	5600	5600
2	227/600	231/500	3.900	4.00	-	15600
3	231/500	242/500	11.00	4.00	44000	44000
<b>Total</b>			<b>16.300</b>		49600	65200

Wildlife Clearance Total: Km. 12.400 Length in Ta. Lakhpat, Dist. – Kachchh, Total area of **4.96 ha.** (i.e. 12400 m. x 4.00m.)

Forest Clearance Total: Km. 16.300 Length in Ta. Lakhpat, Dist. – Kachchh, Total area of **6.52 ha.** (i.e. 16300 m. x 4.00m.)



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### EXECUTIVE SUMMARY

The existing road passing from Desalpar-Mandvi-Naliya-Narayan Sarovar. This road connecting many cement factories, ports, privet & army Jetties, other roads, important tourist & pilgrim places and villages, Traffic on this road will significantly increase day by day.

In this road section from Naliya to Narayan Sarovar stretches From Km 226/200 to Km 242/500 (16.3 Km) of NH-8A Extn. are more than 52 years old, most of existing cross drainage structures on these stretches are very old and constructed during year-1967, which is very narrow carriageway and extremely dilapidated structures also most of them are distressed and in dangerous condition. It is like going down at any moment, this road is unable to take load of present heavy and over loading traffic and dangerous to communicate traffic over it. As per National highways norms and actual site condition of road surface it is necessary to widening with strengthening the existing road surface to 10.00 Mtr with 1.00 Mtr earthen side shoulder on either side of carriage way and for this work 2 mtr road side protected forest strip will be used in each side of road. Surface and structure of this road should be as per norms because of this road is situated at the extreme front-line of international border and connects many BSF BOP, Army camps, air force station, Coast guard station each other and district head quarter. Development proposed road will provide safety to wildlife animals and the tourists, also to reach to the holy prligrim place like Naryan Sarovar, Koteswar Temple and lakhpat fort which will encourage tourism.

The proposed alignment of the road having 16.3 km length passes through Protected Forestland area 6.52 Ha and 12.4 km length passes through Wildlife Sanctuaryland area of 4.96 Ha.

This proposed work will be executed suitably only on and along with the existing Bituminous Surface Road. There is no need to divert the alignment of existing road and hence there is no necessity to cutting any trees. The existing road alignment mostly passes through barren land which do not possess vegetation, while land area (non-saline) is possess dominant vegetation. Considering ecological importance of the area and observations made during site visit, various potential impacts visualized during different project activities in project cycle (site preparation phase, construction phase and operational phase) and mitigation measures have been suggested to mitigate / minimize impacts on the wildlife of the sanctuary. As mentioned in the mitigation measures of the Wildlife Institute of India (WII) document existing alignment having 24 Nos. of cross drainage structure in there 10 Nos. of pipe culvert, 10 Nos. of slab culverts & 3 Nos. of causeway and 1 canal crossing upgrade to 21 Nos of Box culvert and 3 Minor Bridge will act as animal safe passage, cautionary / warning signs (indicating speed limit of 30 km/hr., no littering and no stop zone) and other various sign boards like, give way, stop sign are proposed along with other mitigation measures to reduce / minimize impacts. Additionally, it is recommended that, all project activities to be carried out excluding monsoon season.

### 1 INTRODUCTION

This report is intended as a framework for implementing mitigation and management practices related to potential impacts on wildlife from the proposed project entitled 'Wildlife Management and Mitigation Measures for proposed Naliya to Narayan Sarovar Road (Ch. Km 226/200 to 227/600 and Km 231/500 to 242/500 of NH-8A ext. respectively) are passing through 'Narayan Sarovar Wildlife Sanctuary'. The road passes through Narayan Sarovar Wildlife Sanctuary, which is situated in Lakhapat taluka of Kutch district of Gujarat. Even at present, this route is being used by the general public, livestock herders / animals etc. The diversion of 4.96 ha. of forest land from the Kutch Narayan Sarovar Wildlife Sanctuary for the construction of road widening & strengthening of existing B.T surface and re-construction of cross drainage structure of Desalpar-Mandvi-Naliya-Narayan Sarovar from (Chkm. 174/000 to 242/500). The sanctuary supports wide variety of birds and bewildering range of mammalian wildlife. Also, sanctuary is seasonal saline wetland areas having water depth between 0.5 meters to 1.5 meters. During the months of October-November, water dries up.

The study is based on field visits, officials of R & B Division and interaction with local people etc. The study was restricted to alignments of road inside sanctuary. Present proposal is for upgradation and re-construction of road between Chainage Km 174/000 to km 242/200 of NH 41 in Kutch District of Gujarat through Kutch Narayan Sarovar Wildlife Sanctuary. Major aim of the project is to connect many cement factories, ports, Private & Army Jetties, other roads, important tourist & pilgrim places and villages by upgradation of this road, will be increased the safety of wild animal, will be safety of road user, will save time and fuel. This will also benefit to BSF and Military movement and to improve living standards of people of Kutch by way of providing them road facility to connect directly to the nearby Cities or Town.

Considering anticipated environmental impacts due to construction activity of road, measures to mitigate Impacts on Linear Infrastructures on Wildlife have been suggested in the report in detail.



### 2 SCOPE OF WORK

To prepare Wildlife Mitigation Plan by adopting guidelines as per standard mitigation measures suggested by the Wildlife Institute of India (WII) in the document "Eco-friendly Measures to Mitigate Impacts on Linear Infrastructures on Wildlife".

### 3 PROJECT DISCRIPTION

#### 3.1 Background

Proposed Naredo to Narayan Sarovar Road (Ch 226/000 to 242/500 Km) is of the **Naliya – Vayor-Baranda – Naredo – Narayan Sarovar Road (NH 41/ old NH-8A Ext.)**. Presently, existing road connects to Desalpar - Mandvi - Naliya - Narayan Sarovar. In this route there are upgradation between Naliya – Vayor – Baranda – Naredo – Narayan Sarovar.

#### 3.2 Need of the Project

Present proposal is for Upgradation Road network system between Naliya to Narayan Sarovar in Lakhapat taluka of Kutch District through Narayan Sarovar Wildlife Sanctuary. Major aim of the project is to constructing this road, will insure safely traffic movement, save time and save fuel. This connectivity will benefit to BSF and Military movement in costal region and to improve living standards of people of Kutch by way of providing them good road facility.

#### 3.3 Statuary Recommendations

Project Involves diversion of **Naliya – Vayor – Baranda – Naredo - Narayan Sarovar Road (NH 41/ old NH-8A Ext.)** (Ch 226/200 to 242/500 Km).

#### 3.4 Project Location

A proposed road site is located between the Naredo to Narayan Sarovar (Ch 226/200 to 242/500 Km) in the Kachchh district which falls in the Narayan Sarovar Sanctuary.

##### 3.4.1 Road Alignment

Extensive survey and technical study were carried out by the engineer before finalizing of most technical economical alignment. As per the topography sanctuary the alignment proposed is the most feasible & economical considering the cost of design point of view. Considering these facts, no other alternative alignment of road in the Kachchh Narayan Sarovar Sanctuary. Proposed road alignment from Naredo to Narayan Sarovar (Ch 226/200 to 242/500 Km) passes through Kachchh Narayan Sarovar Sanctuary. Area required for proposed road is 4.96 Hectare. Proposed alignment of the proposed road depicted on the Survey of India toposheet (Figure-1) and Google Earth Imagery (Figure-2). Elevation range of the proposed alignment ranges between 0 to 04 meters (Figure-3).

#### 4 DESCRIPTION OF NARAYAN SAROVAR WILDLIFE SANCTUARY (NWSW)

1. **Location:** The Narayan Sarovar Wildlife Sanctuary (NWSW) lies between 23° 27' N and 23° 42' N latitude and 68° 30' E and 68° 57' E longitude in Lakhpat Taluka of Kachchh District, Gujarat State.
2. **Area:** 443.60 sq.km.
3. **Present status of the area:** Reserved Forests land 126.56 km<sup>2</sup>, Unclassed Forest land 33.48 sq.km and Revenue land 283.56 sq.km Declared under section 18 of the Indian Wildlife (Protection) Act, 1972.
4. **Significance:** NWSW has high conservation significance:
  - Represents a distinct *gene pool*.
  - Supports one of the remaining patches of *Desert Thorn Forest* in the country and abundance of *Savannah*- a typical habitat of the arid region.
  - Coastal habitats in association with the above form a unique ecological matrix.
  - Home of several rare and threatened flora and fauna including Chinkara, Caracal, Wolf, Desert Fox and Desert Cat
5. **Forest Type:** According to the revised classification of the forest types of India (Champion and Seth, 1968), the following ten forest types are represented in and around the NWSW.

##### ❖ Sub Group 4B- Tidal Swamp Forests

- TS1- Mangrove Scrub

##### ❖ Sub Group 5B – Northern Tropical Dry Deciduous Forests

- E3 - Babool forest
- E8b- Babool Savannah
- E8c- Salvadora – Tamarix scrub

##### ❖ Sub Group 6B- Northern Tropical Thorn Forests

- C1 - Desert Thorn Forest
- DS2 - Tropical Euphorbia Scrub
- E1 - Euphorbia scrub
- E2 - *Acacia Senegal* forest
- E3 - Rann saline thorn scrub
- E4 - Salvadora scrub



### 5 ANTICIPATED ENVIRONMENTAL IMPACTS AND PROPOSED MITIGATION MEASURES

As per the observations made during site visit, proposed project area requires following mitigation measures according to impacts visualized in different project cycle.

#### 5.1 Impacts Visualized in Different Project Cycle

Visualized impacts during different phases of project cycle are as follows,

##### 5.1.1 Site Preparation Phase

- Vegetation clearing within the proposed road alignment (impacting receiving component - flora).
- Creation of noise from earth movers and other vehicles (impacting receiving component - fauna).

##### 5.1.2 Construction Phase

- Creation of noise from construction equipment, earth movers, trucks and other vehicles (impacting receiving component - fauna).
- Degradation of habitat quality due to waste generated from process of preparation of construction material, refuge material, other wastes from the labor activities.
- Wildlife conflict / disturbances / incidences (impacting receiving component – fauna).

##### 5.1.3 Operation Phase

- Creation of noise from vehicular traffic (impacting receiving component -fauna)
- Habitat contamination due to plastic waste thrown by traveler / tourists / passengers (impacting receiving component – sanctuary habitat).
- Mortality of wildlife species due to accidents (impacting receiving component – fauna).
- Human–wildlife conflict (impacting receiving component – fauna and human being).
- Barrier to the normal wildlife movement and natural water flow in the sanctuary area (impacting receiving component – sanctuary habitat).

#### 5.2 Mitigation Measures suggested

##### 5.2.1 Site Preparation Phase

- The area is minor existence of vegetation observed. Minor vegetation clearing will be required on the road alignments.
  - Vegetation clearing shall be kept as minimum as possible confined to the project area.
  - As suggested by the wildlife committee, the user Agency shall not use the area for the proposed work other than the area permitted.
- User agency shall ensure that, all vehicles / equipment shall be used during construction phase should be properly maintained to reduce noise.
  - The work in the Sanctuary will be allowed only in the daytime from 8 AM to 6 PM.
  - The User Agency shall not establish any temporary or permanent labour camp in the Sanctuary.

## Wildlife Management & Mitigation Plan

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- The User Agency or his contractor shall not create any fire places inside the Sanctuary.

### 5.2.2 Construction Phase

- Mitigation of the impacts due to noise
  - User agency shall ensure that, all vehicles / equipment shall be used during construction phase should be properly maintained to reduce noise. Also, all vehicles should be PUC certified to minimize air pollution.
  - The work in the Sanctuary will be allowed only in the daytime from 8 AM to 6 PM.
  - All D.G. sets shall have "Acoustic Enclosure" and operated by following standard emission norms.
- Mitigation of the impacts due to wastes generated from various project associated activities
  - No construction material shall be dumped / stacked inside the sanctuary
  - All the wastes / debris generated shall be disposed outside the sanctuary.
  - No vehicle washing or change of lubricants in the sanctuary are shall be done.
  - All the material required for the work shall be prepared outside the sanctuary
  - The User Agency shall not establish any temporary or permanent labor camp in the Kutch Desert Sanctuary.
  - The User Agency or his contractor shall not create any fire places inside the Kutch Desert Sanctuary.
  - No fire work will be performed in the sanctuary area.
  - Timely actions will be taken for speedy cleaning up of oil spills, fuel and toxic chemicals in the event of accidents.
  - Only ready to use material will be carried to the site and remaining waste material will be carried back from the project site.
- Mitigation of the impacts due to wildlife conflict / disturbance / incidences
  - All the working personals like driver, labor etc. will be instructed not to disturb any wildlife through sounds of horns or any other way. Entire project area shall be declared as a silence zone and horn sounding will be strictly prohibited.
  - Sign boards (Cautionary / Warning Sign) indicating speed limits up to 30 km will be displayed in the entire work area at every kilometer.
  - Any animal young ones found during the work, it should be reported to the concern sanctuary official immediately.

### 5.2.3 Operation Phase

- Entire proposed road will be declared as a silence zone and horn sounding will be strictly prohibited. Also, restriction on the speed limits up to 30 km will help to reduce engine noise.
- Sign boards indicating "No Littering" will be displayed (Cautionary/Warning Sign).
- The User agency shall create a speed breaker at a distance of every 500 m. This will help to avoid animal mortality. Additionally, Sign boards of cautionary/warning, give way, stop



sign indicating speed limits (Cautionary/Warning Sign) upto 30 km. displayed to avoid animal collision / accidents.

- Entire proposed road will be declared as a no stop zone (Cautionary / Warning Sign). So, vehicle stoppage on the entire road will be strictly prohibited. This will help to avoid human wildlife conflict. In addition, no labour will be allowed to stay in the sanctuary area before and after the working timings.

As suggested by the Wildlife Committee, the user agency shall create underpasses at strategic locations in consultation with an as per approval by the Chief Wildlife Warden. Accordingly, road will consist of box culverts, Minor and Major Bridges with Shoulder height of the endemic species i.e., Chikara between 110 to 120 cm (Wildlife Institute of India, 2016).

**Figure 1: Survey of India Top sheet Map Showing Road Alignment of Proposed Road**



001	N23 35 11.5	E68 37 38.2	008	N23 35 32.3	E68 34 57.9	015	N23 38 41.0	E68 32 41.6
002	N23 35 11.7	E68 37 38.4	009	N23 37 39.8	E68 33 16.4	016	N23 38 41.2	E68 32 41.1
003	N23 35 16.7	E68 37 29.0	010	N23 37 40.1	E68 33 16.7	017	N23 39 31.7	E68 33 25.4
004	N23 35 16.3	E68 37 29.0	011	N23 37 49.6	E68 32 43.9	018	N23 39 31.5	E68 33 25.7
005	N23 35 01.4	E68 35 48.9	012	N23 37 49.3	E68 32 43.8	019	N23 40 14.4	E68 33 21.7
006	N23 35 01.9	E68 35 48.8	013	N23 38 09.2	E68 32 32.6	020	N23 40 14.3	E68 33 21.3
007	N23 35 32.5	E68 34 58.3	014	N23 38 09.3	E68 32 33.1			



Figure 2: Google Earth Imagery: Map Showing Road Alignment of Proposed Road

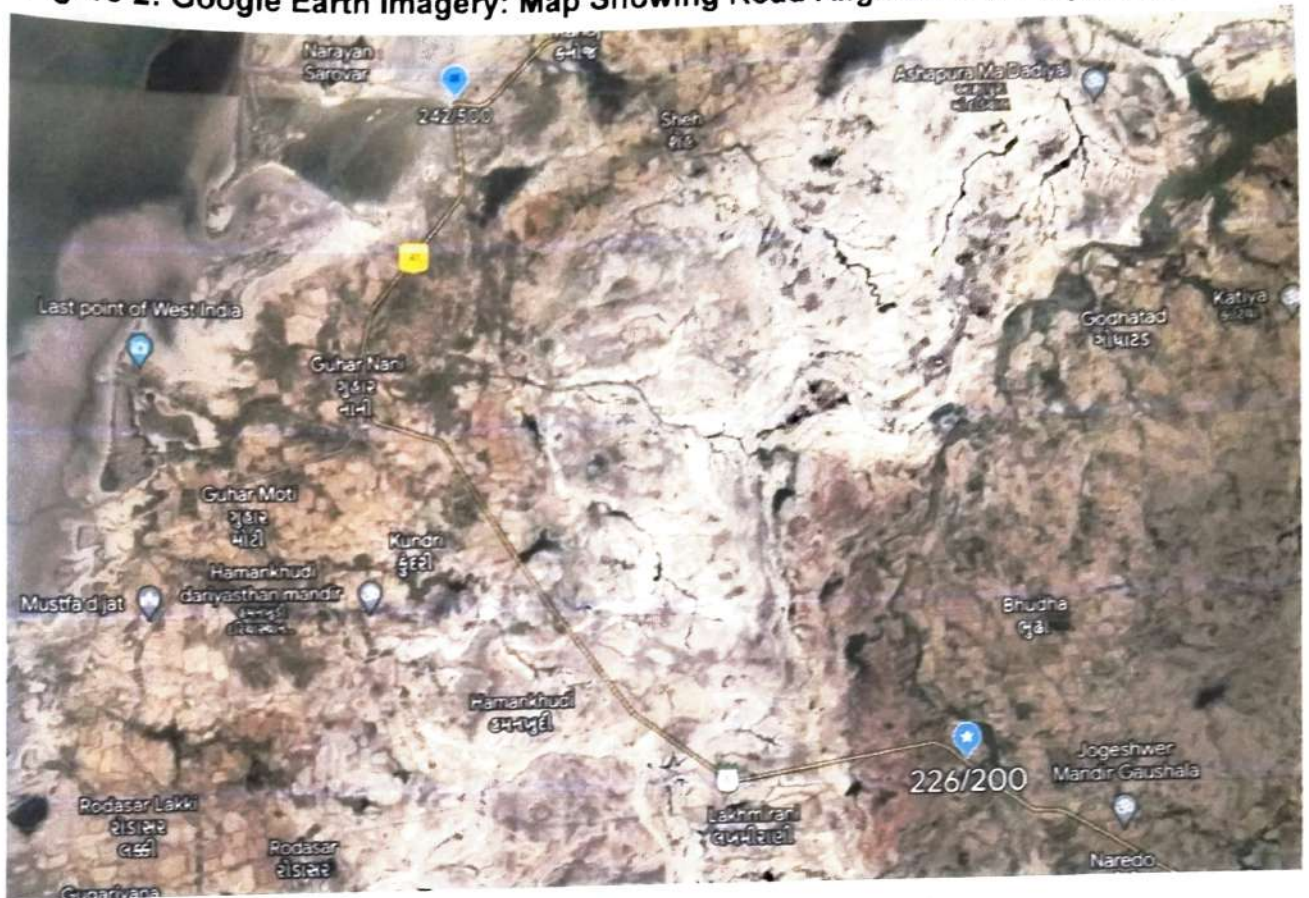




Figure 3: Digital Elevation Map: Showing Road Alignment of Proposed Road

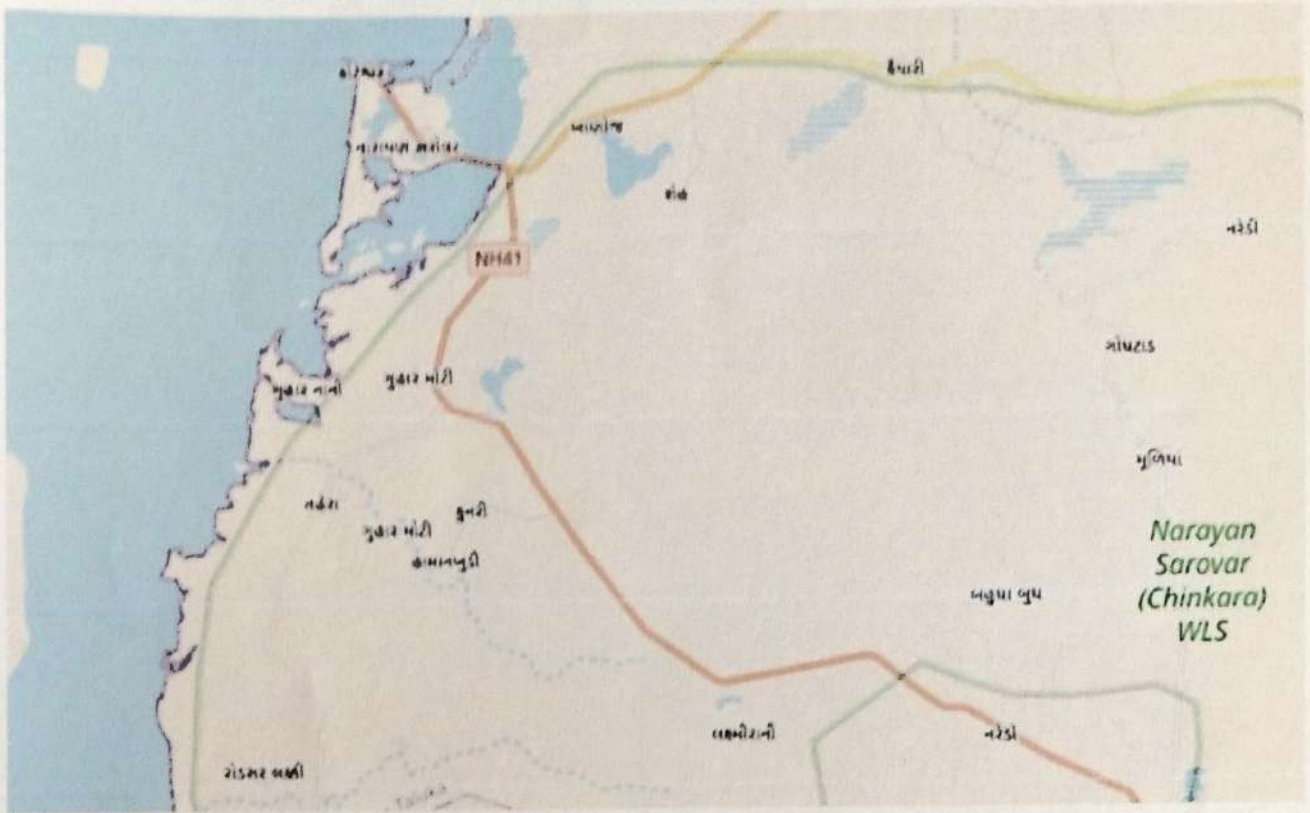
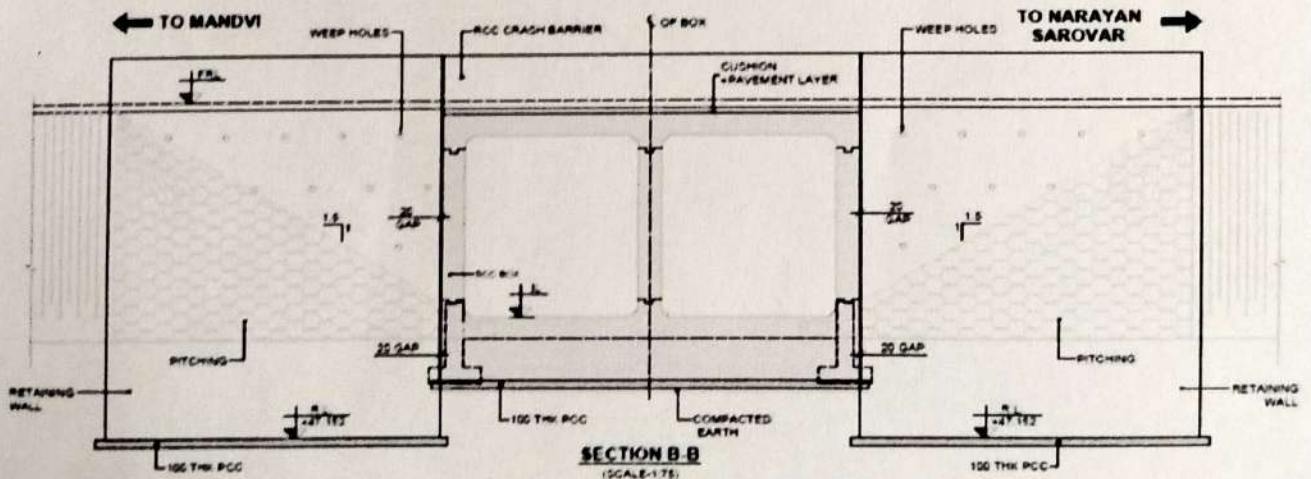


Figure 4: Typical Drawing of 2 cell of 3 x 3.5 Meter Box Culvert

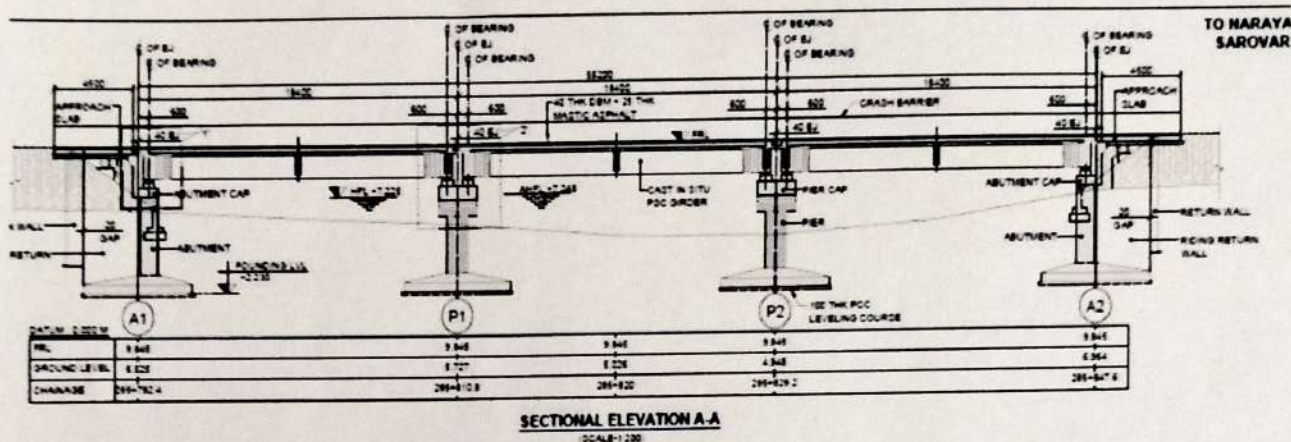


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Mandvi-Kutch

Executive Engineer  
National Highway Division  
Gandhidham



**Figure 5: Typical Drawing of 3 span of 18.40 Meter Minor Bridges**



In total, 24 Nos. cross drainage structure in there 10 Nos. of pipe culvert, 10 Nos. of slab culverts, & 3 Nos. of causeway and 1 canal crossing upgrade to 21 Nos of Box culvert and 3 Minor Bridge are proposed to be constructed. These structures will provide underpass for wildlife/Chikara for normal movement in the entire sanctuary area, which will avoid wildlife mortality due to road accidents. Additionally, these underpasses will allow natural water flow in the sanctuary area and maintain existing ecosystem functioning. Structure type and corresponding chainage numbers are given in the following Table-1 and locations of the both types of box culverts are depicted in the following Figure 4. Estimated budget for construction of box culverts and erection of various sign boards is provided in the following Table-2.

**Table 1: Location Details of Box Culverts as per Respective Chainage Number and Estimated Cost**

Sr. No.	Details of C.D. Work (Box culvert)	Chainage	Cost/Amount
1	2 cell 3.0m X 3.5m	275/800	69,34,901
2	1 cell 4.0m X 3.0m	276/000	49,04,658
3	2 cell 3.0m X 3.0m	278/000	56,27,688
4	2 cell 3.0m X 3.0m	278/300	62,53,745
5	2 cell 3.0m X 3.0m	279/800	67,67,064
6	1 cell 4.0m X 3.0m	280/800	55,74,595
<b>Sub Total - I</b>			<b>3,60,62,652.00</b>
<b>Minor Bridges</b>			
1	1 Nos X 18.00 m	281/763	1,11,99,000
2	3 Nos X 18.40 m	285/820	2,73,73,000
3	1 Nos X 18.00 m	289/156	1,00,47,000
<b>Sub Total - II</b>			<b>4,86,19,000.00</b>



**Table 2: Estimated Budget for Mitigation Measures incorporated in Construction of Project Road Sanctuary portion**

Description of Work	Quantity	Estimated Budget	Remark
<b>1. Installation of Sign Boards</b>			
Citizen's Information Board	1	39,961.00	
Cautionary/Warning Sign	5	85,767.00	
Stop Sign	20	1,14,200.00	
<b>2. Construction of Culverts/ Over &amp; Under passes</b>			
Box Culverts	5	3,60,62,652.00	
Under passes (Minor Bridges)	3	4,86,19,000.00	
<b>Total Budget</b>		<b>8,49,21,580.00</b>	

## 6 BENEFITS OF THE PROJECT

1. This road is important road joining to Kutch district with international Indo-Pak Boundary. This will benefit to BSF & Military movement as being shorter route.
2. Proposed Road will adjoin the India's border area & coastal region. So, construction of the proposed road will be helpful to the defense as it would facilitate the soldiers staying at the B.O.P with shorter route.
3. This road connecting many cement factories, ports, Private & Military's Jetties, other roads, important tourist & pilgrim places like Narayan Sarovar, Koteswar & Lakhapat Gurudwara. Hence this area is an important for tourism and conservation. So, development proposed road will provide shorter distance which will encourage tourism, reduction of fuel usage and air pollution.
4. Tourism will provide open economic opportunities for the local people which will help to uplift their life style and standard of living. Overall reduction in the travelling time & distance will benefit to movement of defense, local people and tourist.

**7 WILDLIFE MANAGEMENT AND MITIGATION MESURES:****Table 3: Estimated Construction Cost for Proposed Naredo – Guvarmoti – Narayan Sarovar Road (Ch. 226/200 to Ch. 227/600& Ch. 231/500 Ch. 242/500): Total length – 12.4 km**

Sr. No.	Description of Work	Estimated Project Cost
1	EARTHWORK	5,18,39,542.00
2	SUB BASE AND BASE	8,29,60,403.00
3	ASPHALT WORK	12,05,37,355.00
4	BRIDGES & CULVERTS	8,46,81,652.00
6	ROAD FURNISHING	2,39,928.00
	<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>	<b>34,02,58,880.00</b>
	<b>SAY RS.</b>	<b>34,02,58,900.00</b>

**Table 4: Estimated Budget for Mitigation Measure Implementation Cost including Monitoring & Evaluation**

Sr. No.	Description of Work	Implementing Agency	Quantity	Year	Location	Approximate Rate (Lakh)	Estimated Budget (Lakh)
1	Water Tank of Drinking Water for Wildlife Animals	Forest Department	10	2		1.00	10.00
2	Tanker with pump for filling water point for drinking Water -for Wildlife Animals on Rent with driver	Forest Department	1	2	Entire Area	5.00	5.00
3	Forest Pond For Wildlife Animals	Forest Department	2	2		4.00	8.00
4	Signage for wildlife	Forest Department	-		Entire Area	-	10.00




## Wildlife Management & Mitigation Plan

5	Wildlife Awareness Camp/ Natural Education Camp for Students	Forest Department	10	2		0.20	2.00
6	Bolero Jeep for Patrolling on Rent with driver	Forest Department	1	2	Entire Area	10.00	10.00
7	Motor Cycle for Patrolling on Rent	Forest Department	1	2	Entire Area	0.75	0.75
8	Check post At Boundary of Wildlife Century	Forest Department	2		Km 226/200&242/50 0	7.50	15.00
9	Development of Grass plot for Chinkara	Forest Department	1	1	In Sanctuary area	10.00	10.00
10	Monitoring & Evaluation/other Miscellaneous expenses	Forest Department	LS			LS	9.0
<b>Total Estimated Amount requirement for Mitigation Measures</b>							<b>79.75</b>

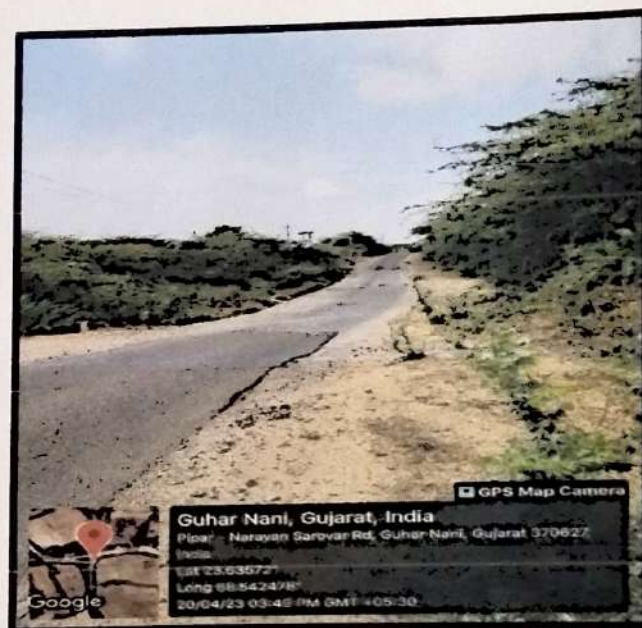
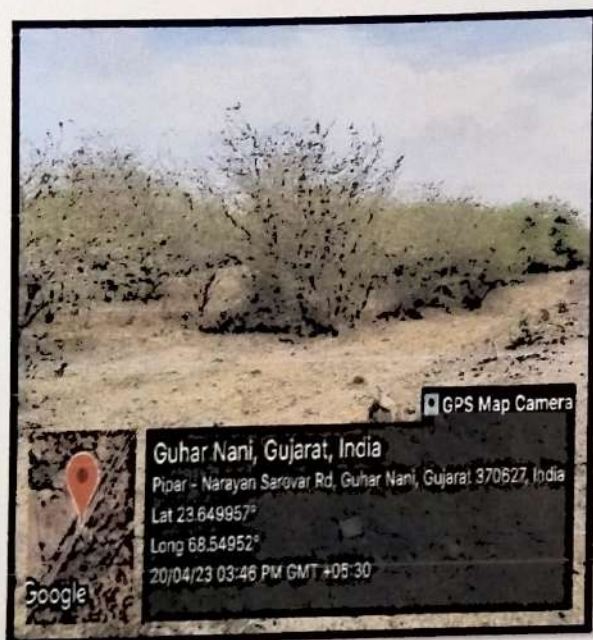
### 8IMPLEMENTATION OF PROPOSED MITIGATION PLAN

The proposed Mitigation Plan as per Table :4 above shall be implemented by the Forest Department. Accordingly, requisite funds would be deposited to the Forest department by the User Agency (Ministry of Road Transport & Highways)

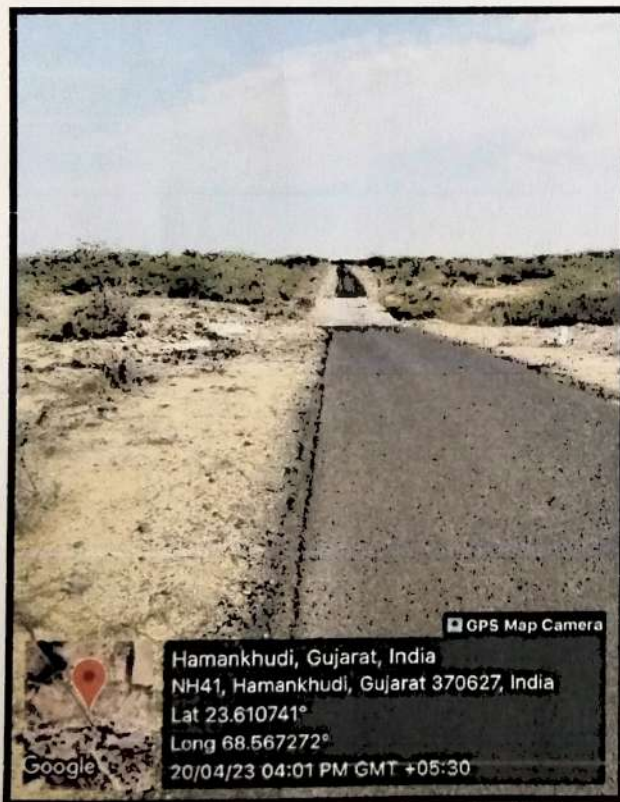
  
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National Highway Sub-Division  
Mandvi-Kutch

  
Executive Engineer  
National Highway Division  
Gandhidham

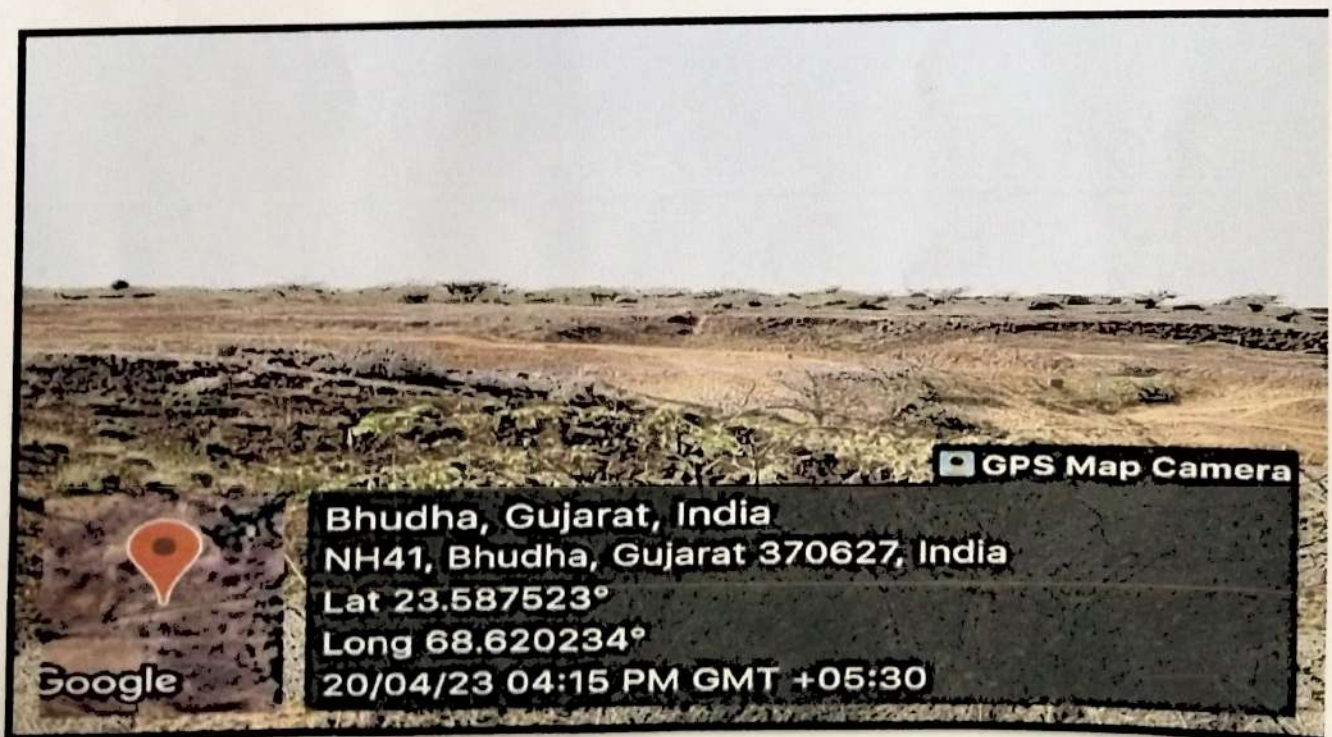
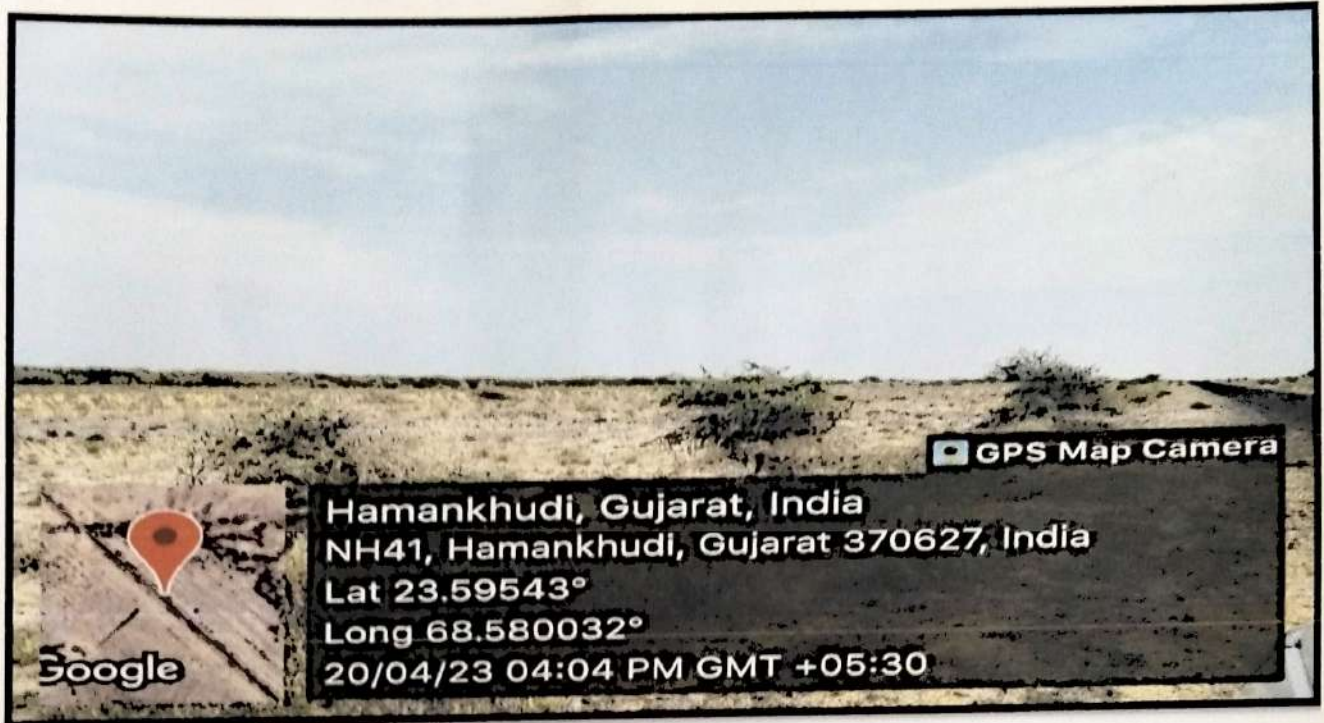
## Wildlife Management & Mitigation Plan





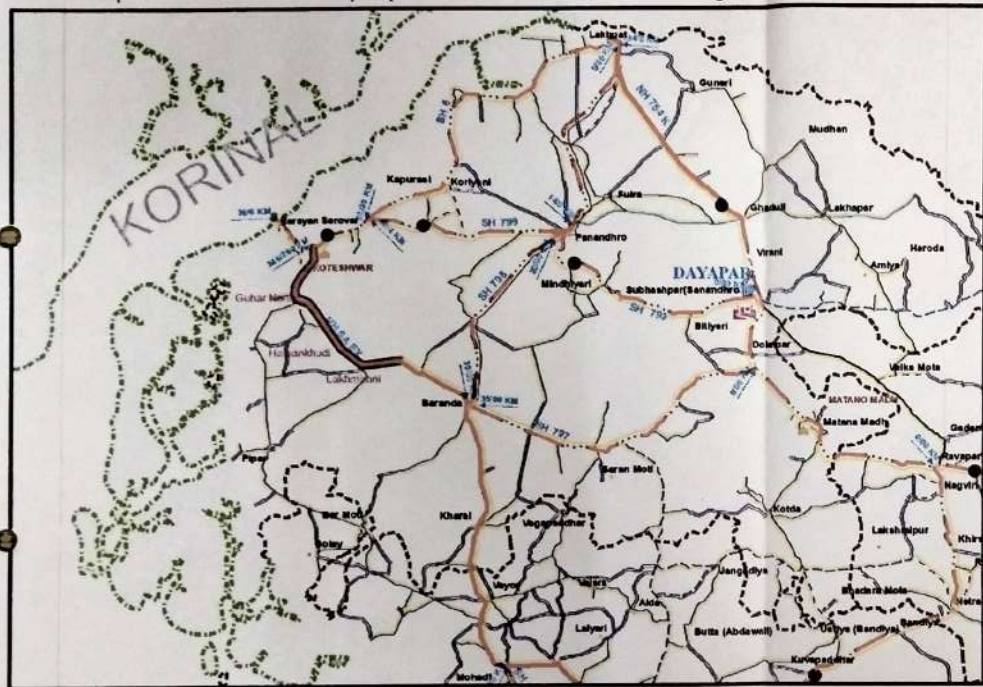








Index map of the forest area proposed for Diversion showing the land use and boundaries.



(16300.00 Mt. x 4.00 Mt.=65200.00 Sq.Mt.)

(TOTAL =65200.00 Sq.Mt.)

— N.H. Highway Widening  
Village:- Lakhmirani to Narayan sarovar  
Taluka:- Abdasa  
Dist:- Kachchh

## GUJARAT MAP



## KUTCH MAP



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National Highway Sub-Division  
Mandvi-Kutch

Executive Engineer  
National Highway Sub-Division  
Gandhidham

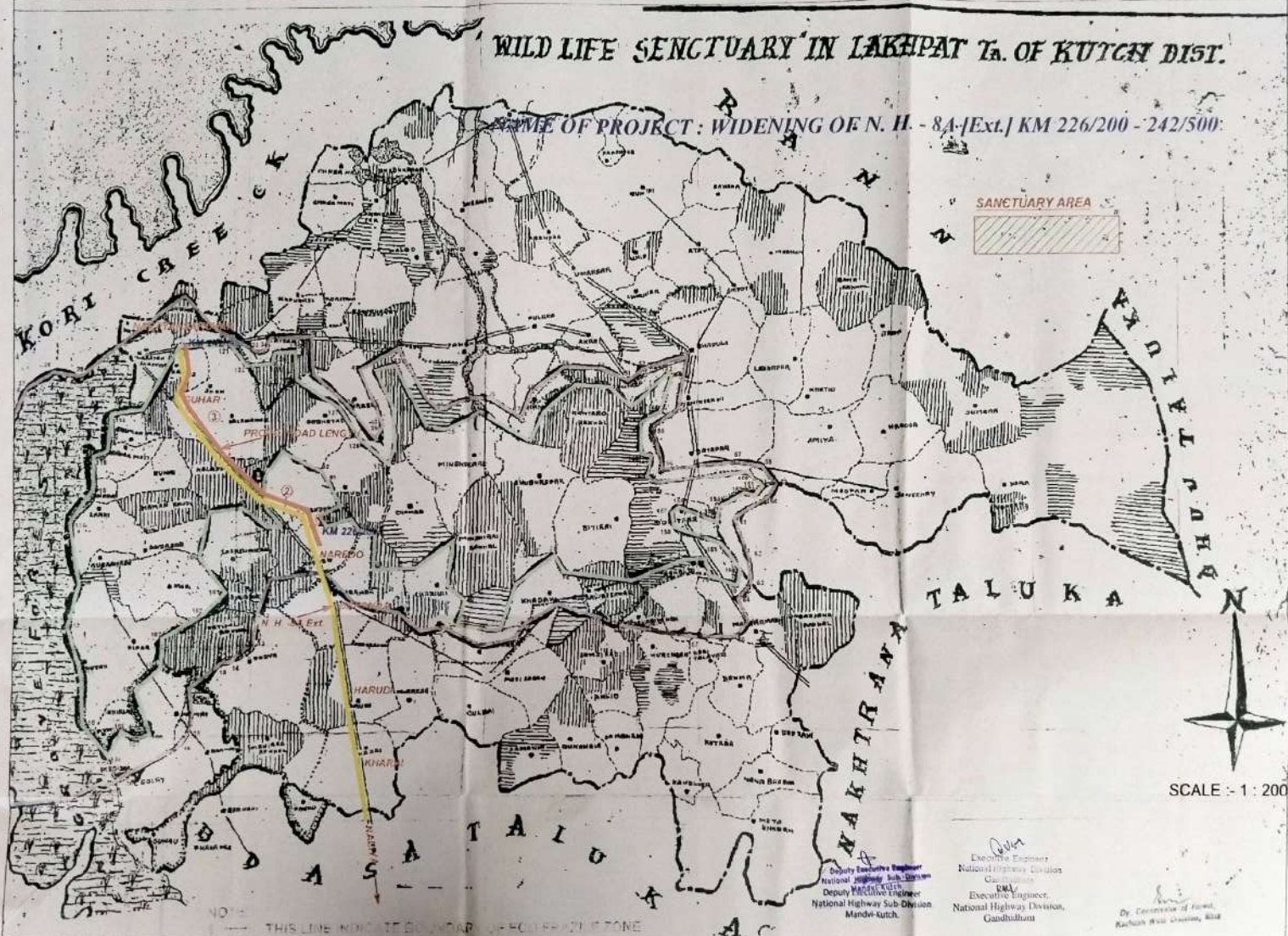






# WILD LIFE SENCUARY IN LAKEPAT TA. OF KUTCH DIST.

NAME OF PROJECT: WIDENING OF N. H. - 8A [Ext.] KM 226/200 - 242/500



SANCTUARY AREA



TALUKA



SCALE - 1 : 200

Deputy Executive Engineer  
National Highway Sub-Division  
Gandhinagar  
Deputy Engineer  
National Highway Sub-Division  
Mandi-Kutch.

Executive Engineer  
National Highway Division  
Gandhinagar  
Deputy Engineer  
National Highway Division  
Gandhinagar

By, Commissioner of Forest,  
Rajasthan Wild Division, Bikaner

THIS LINE INDICATE BOUNDARY OF FOREST RESERVE



DGPS Map for Widening of N.H. 8A (Ext.) Lakhmirani to Narayan sarovar Road km 226/200 to 242/500



(16300.00 Mt. x 4.00 Mt.=65200.00 Sq. Mt.)

(TOTAL =65200.00 Sq. Mt.)

— N.H. Highway Widening

Village:- Lakhmirani to Narayan sarovar

Taluka:- Abdasa

Dist.:- Kachchh

001	N23 35 11.5	E68 37 38.2	008	N23 35 32.3	E68 34 57.9	015	N23 38 41.0	E68 32 41.6
002	N23 35 11.7	E68 37 38.4	009	N23 37 39.8	E68 33 16.4	016	N23 38 41.2	E68 32 41.1
003	N23 35 16.7	E68 37 29.0	010	N23 37 40.1	E68 33 16.7	017	N23 39 31.7	E68 33 25.4
004	N23 35 16.3	E68 37 29.0	011	N23 37 49.6	E68 32 43.9	018	N23 39 31.5	E68 33 25.7
005	N23 35 01.4	E68 35 48.9	012	N23 37 49.3	E68 32 43.8	019	N23 40 14.4	E68 33 21.7
006	N23 35 01.9	E68 35 48.8	013	N23 38 09.2	E68 32 32.6	020	N23 40 14.3	E68 33 21.3
007	N23 35 32.5	E68 34 58.3	014	N23 38 09.3	E68 32 33.1			

Deputy Engineer  
National Highway  
Mandvi-Kutch

Deputy Engineer  
National Highway  
Mandvi-Kutch





Figures 1 and 2 (continued)

F42C5 (15/00)	F42C9 (15/00)	F42C13 (15/00)
F42C6 (15/00)	<b>F42C10</b> (15/00) F42C10 (15/00)	F42C14 (15/00)
F42C7 (15/00)	F42C11 (15/00)	F42C15 (15/00)

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以上各点, 即为本章的要点。在本书中, 我们还将看到, 这些要点在本书中有着重要的地位。

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**NOTE 10**

Images and Containers have not been shown.

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## COMPLAINT PAGE 2

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Minnesota, Washington, Iowa, Kansas Monthly, volume 4 (Feb. 1888).

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1. **Introduction**

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For another perspective of history of radio, see

**Algeria** 1990-1991

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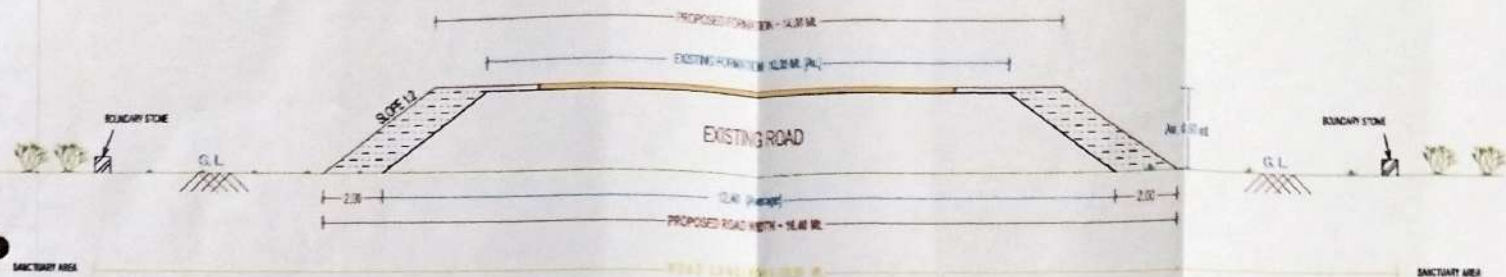
Proposed Annex

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Published under the authority of the Survey of India, and you are, Study of Office of quality.  
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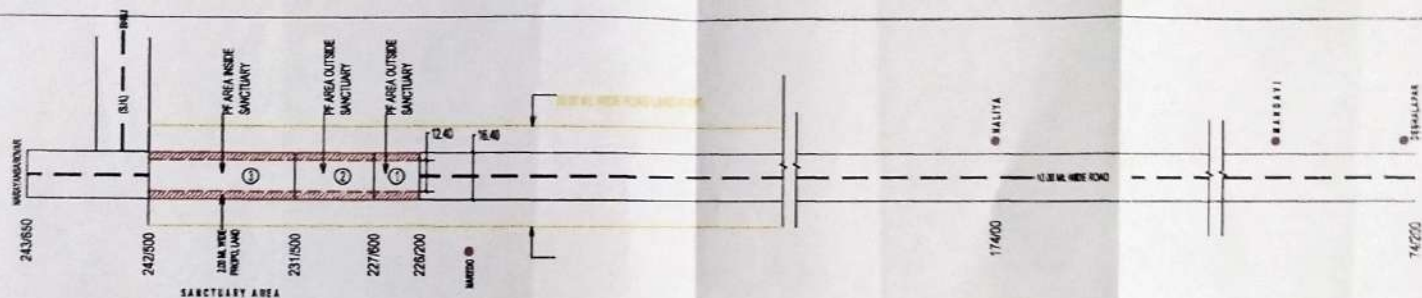
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National Highway Sub-Division  
Mandla-Rajahmundry

본 연구는 한국연구재단의 지원을 받아 수행된 기초연구사업임(과제번호: K2016-00079-A01).

NAME OF ROAD : DESHALAPAR MANDAVI NALIYA NARAYANSAROVAR ROAD [N.H.-8A-Ext]



TYPL C./S. OF EXISTING ROAD LENGTH - KM 226/200 - 227/600 & KM 231/500 - 242/400



LAND AREA CALCULATION SHEET

S.No.	ROAD LENGTH (KM)	LENGTH (M)	WIDTH (M)	AREA (SqM)	AREA (hec)
1	KM 226200 - 227600	2 x 1400.00	2.00	5600.00	0.560
2	KM 227600 - 231500	2 x 3900.00	2.00	15600.00	1.560
3	KM 231500 - 242500	2 x 11000.00	2.00	44000.00	4.400
TOTAL AREA				65200.00	6.520

BAR CHART SHOWING DETAILS OF ROAD LENGTH & SURFACE WIDTH - K.M. 74/200 - 243/600

Executive Engineer  
National Highway Division  
Gandhidham

Executive Engineer  
National Highway Division  
Gandhidham

Deputy Executive Engineer  
National Highway Division  
Mandvi-Kutch  
National Highway Sub-Division  
Mandvi-Kutch





નાયબ વન સંરક્ષક  
કચ્છ વિસ્તરણ વન વિભાગ-ભુજ



૩૦૧ બાહુમાળી ભવન, બીજો માળ, ભુજ-કચ્છ-૩૭૦૦૦૧

E-mail :- dycfsfkachchh@gmail.com

Telephone nop.(Office/fax) :- 02832 250851

નં. ક/જમન/ટે-૮/ ૨૨-૨૩

તા. ૨૫/૬/૨૦૨૪

પ્રતિ,

એક્ઝિક્યુટીવ ઈજનેરશ્રી,

નેશનલ હાઇવે ડીવીઝન,

પ્લોટ નં-૧, વોર્ડ નં-૩-બી, ટાગોર રોડ,

આદીપુર, જી: કચ્છ.

**વિષય:** Diversion of 6.52 Ha Protected Forest (Road Side) land for widening and strengthening of Existing B.T. Surface and reconstruction of cross drainage structure of Deshalpar Mandvi Naliya Narayan Sarovar road (NH-8A Ext) section Km 226/200 to 242/500 in favour of Executive Engineer, National Highway Division, Gandhidham. (FP/G)/ROAD/146193/2021)

**સંદર્ભ:** ૧) Government of India, Ministry of Environment, Forest and climate change File No: FC-6/GJC-17/2022-GNR Dt.21.07.2022.

૨) Gol, Ministry of Environm/ent, Forest and Climate Change File No: 5-3/2011-FC(Vol-I) Dt.06.01.2022

૩) અત્રેની કચેરીના પત્રનં: અ/જમન/ટે-૮/૪૮૭-૫૦૦/૨૨-૨૩ તા.૨૫/૦૮/૨૦૨૨

૪) આપના પત્રનં: નેહ/પીબી/૧૩૪૬/૨૦૨૪ તા.૧૮/૦૬/૨૦૨૪

ઉપરોક્ત વિષય અન્વયેની આપશ્રીની વન સંરક્ષણ ધારા-૧૯૮૦ની દરખાસ્ત બાબતે જણાવવાનુંકે, આપશ્રીની વન સંરક્ષણ ધારા-૧૯૮૦ની દરખાસ્તને ભારત સરકારશ્રીના સંદર્ભપત્ર-૧ થી સૈધ્ધાંતિક મંજૂરી મળેલ જે સૈધ્ધાંતિક મંજૂરીની શરત અન્વયે ૧૩.૧૦ હે. વિસ્તારની વળતર વનીકરણની સ્કીમ અર્થે દૈનિક વેતનદર રૂ.૩૫૧.૩/- મુજબ રૂ. ૬૪,૮૬,૫૮૧/- તેમજ એન.પી.વી અર્થેના રૂ. ૪૩,૬૮,૩૧૩/- એમ કુલ રૂ. ૧,૦૮,૫૫,૮૯૪/- ની ભરપાઈ કરવા ડિમાન્ડ નોટ અત્રેની કચેરીના સંદર્ભપત્ર-૩ થી આપવામાં આવેલ. હાલે પ્રવર્તમાન દૈનિક વેતનદર રૂ. ૪૭૬/- હોય વળતર વનીકરણ અર્થે આપે રૂ. ૮૭,૮૮,૧૧૮/- ભરપાઈ કરવાના થાય. આથી અત્રેની કચેરીના સંદર્ભપત્ર-૩ થી આપેલ ડિમાન્ડ નોટ રદ ગણી, આ સાથે સામેલ સુધારેલ ડિમાન્ડ નોટ મુજબ વળતર વનીકરણ અર્થેના રૂ. ૮૭,૮૮,૧૧૮/- અને એન.પી.વી અર્થેના રૂ. ૪૩,૬૮,૩૧૩/- એમ કુલ રૂ. ૧,૩૧,૫૮,૪૩૨/- (રૂપિયા એક કરોડ એકત્રીસ લાખ અઠાવન હજાર ચારસો બત્રીસ પુરા) આ સાથે સામેલ ડિમાન્ડ નોટ મુજબ પરીવેશ-૧ પોર્ટલ પરથી ચલણ જનરેટ કરી ભરપાઈ કરવાના રહેશે જે બાદ આપ દ્વારા સૈધ્ધાંતિક મંજૂરીની શરતોનો કોમ્પલાયન્સ રીપોર્ટ અત્રેને સાદર કરવાનો રહેશે. જેથી આપની ઉપરોક્ત વિષય અન્વયેની દરખાસ્તને વર્કિંગ પરમીશન આખરી મંજૂરી આપવાની કાર્યવાહી હાથ ધરી શકાશે.

સામેલ ડિમાન્ડ નોટ

(એચ. પી. મકવાણા)

નાયબ વન સંરક્ષક

વિસ્તરણ વન વિભાગ, કચ્છ

નકલ સાદર રવાના: મુખ્ય વન સંરક્ષકશ્રી, કચ્છ વન વર્તુળ ભુજ તરફ જાણ સારુ.

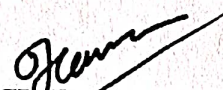
નકલ રવાના: નાયબ વન સંરક્ષકશ્રી, કચ્છ પશ્ચિમ વન વિભાગ-ભુજ તરફ ઉપરોક્ત વિષય અન્વયેની દરખાસ્ત બાબતેની વળતર વનીકરણની સ્કીમ આપના કાર્યક્ષેત્ર હસ્તકના મોજે, ઉપર, તા: લખપત ખાતે લિધેલ હોય તેમજ પ્રસ્તુત દરખાસ્તના માંગણીવાળા વિસ્તાર પૈકીનો વિસ્તાર ના સરોવર વાઈલ્ડ લાઈફ સેન્ચુરીમાં આવતો હોય તેની દરખાસ્ત આપની કચેરીએ પ્રોસેસમાં હોય જાણ સારુ.

D/Jit/ C Jmn/ Demand note (2)



## Demand note for E-portal

Government of India E-portal	1	Name of Regional Office	:	Bhopal
	2	State/District/Forest Division to which the proposal relates	:	Gujarat
	3	Name of User Agency, Nature of Proposal	:	Executive Engineer, National Highway Division, Gandhidham
	4	Extend of Forest area involved	:	6.52 Ha
	5	Whether original, or extension	:	Original
	6	If extension of lease, please clarify if proposal involves additional forest area, and if so, specify	:	NO
	7	Date of 1st Stage Clearance	:	21.07.2022
	8	Extend of CAMPA charges, head wise viz	:	-
		(a) Compensatory Afforestation	:	Rs. 87,89,119/-
		(b) Additional CA	:	-
		(c) Penal CA	:	-
		(d) Catchment Area Treatment	:	-
		(e) Wildlife Management Plan	:	-
		(f) Additional charges for diversion of area falling under notified/protected areas	:	-
		(g) Net Present Value	:	Rs. 43,69,313/-
		(h) Any other charges/Levies (pl specify) Medicinal Plantation in right of way under the transmission line	:	-
		<b>Total for Government of India</b>	:	<b>Rs. 1,31,58,432/-</b>
* Kindly Go to E Portal and fill-up the amount				

  
**(H. V. MAKWANA)**  
 Deputy Conservator of Forests  
 Social Forestry Division, Kachchh



## AGENCY COPY

यूनियन बैंक ऑफ इंडिया  Union Bank of India



## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 12-07-2024

Agency Name.	NATIONAL HIGHWAY DIVISION GANDHIDHAM
Application No.	6143099155
MoEF/SG File No.	FC-6/GJC-17/2022-GNR
Location.	GUJRAT
Address.	Plot No-1, Ward-3B, Old Vishram Gruh, Tagor Road, Adipur, Kachchhhutch
Amount(in Rs)	13158432/-

**Amount in Words :**One Crore Thirty-One Lakh Fifty-Eight Thousand Four Hundred and Thirty-Two Rupees Only

**NEFT/RTGS to be made as per following details;**

Beneficiary Name:	GUJRAT CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	150686143099155 <b>Valid only for this challan amount.</b>
Bank Name & Address:	Union Bank Of India FCS Centre, 21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

## BANK COPY

यूनियन बैंक ऑफ इंडिया  Union Bank of India



## NEFT / RTGS CHALLAN for CAMPA Funds

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Agency Name.	NATIONAL HIGHWAY DIVISION GANDHIDHAM
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**Note:**After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: fcsblr@unionbankofindia.bank , epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

**DIVISION COPY**

NAME OF DIVISION :- National Highway Division Gandhidham

**BILL No. GNR/DPP/24-25**

**1140/103/ct 11/07/2024**

Name of Payee :- Gujarat CAMPA

સરકારી ઠરાવ જા.બા.નં. એસ/૬૩/૨૬૧૭

તા.૧૧-૧૦-૩૦

P.W.D.NO/409E & G

જા.બા.ખા.નં. ૪૦૯ ઈ અને જી.

**FORM -28 HAND RECEIPT**

Job No. - Bridge/41/GJ/2022-23/688

( To be used as a simple form of voucher for all miscellaneous payments and advance for which one of the special forms 24,25,26 and 27 are suitable. )

Cash book Voucher No..... |


Accepted For ₹ 1,31,58,432.00

  
Deputy Executive Engineer  
National Highway Sub Division  
Mandvi

Passed & Pay RTGS for Re. ₹ 1,31,58,432.00


Rupees One Crore Thirty One Lakh(s) Fifty Eight Thousand Four Hundred Thirty Two Only

**RTGS- 19/7/2024**

  
Executive Engineer  
National Highway Division  
Gandhidham

Purpose for which payment is Made :- On Account of Compensatory Afforestation & NPV of diverted forest Land for Construction Of 2 Nos Of Major Bridge, 4 Nos. Minor Bridge And 8 Nos. Of Box Culverts Along with Road Safety Improvement Works Between Km 122.00 To Km 290.200 Of NH-41 In the State of Gujarat.

**Countersigned by**

  
**Sandeep Gaur**  
Superintending Engineer Cum Regional Officer  
Ministry of Road Transport & Highways  
Gandhinagar, Gujarat  
Govt. of India

STAMP

Budget Allocation : Rs. **166,000,000.00**  
Exp. Including this bill : Rs. **11,44,71,587.11**  
Exp of this bill : Rs. **13,15,84,32.00**  
Balance : Rs. **45,52,84,12.00**