सङ्क परिवहन और राजमार्ग मंत्रालय, भारत सरकार परियोजना प्रबंधन एकक- सेलिंग, सी/ओ ट्रिस्ट लॉज, ठिंग्सुल्थ्नियाह, आङ्जोल, मिज़ोरम- ७९६१६१

फोन: 0389-2950166, ईमेल: pmu.seling@nhidcl.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit-Seling, C/o Tourist Lodge, Thingsulthliah, Aizawl, Mizoram-796161 Phone: 0389-2950166, Email: pmu.seling@nhidcl.com

(भारत सरकार का उद्यम)





(A Government of India Enterprise)

Date: 30.12.2020

NHIDCL/PMU-Seling/Seling-Dulte/FC/2020/405

Τo,

The Principal Chief Conservator of Forest, Environment Forest & Climate Change Dept. Govt. of Mizoram, Aizawl, Mizoram

Sub: Rehabilitation and Up-gradation to 2-lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing Chainage km 0+000 to km 69+015 (Design Chainage km 0+000 to km 62+200) (Package-1, 2, 3 & 4) in the state of Mizoram under Bharatmala Pariyojana on EPC mode - "Submission of Proposal for forest clearance in Hard Copy -Regd."

Proposal No. FP/MZ/ROAD/117867/2020

Sir,

It is to submit that DFO Champhai informed this office that 6.728989 Ha of the Tuivawl Riverine Reserve Forest within Champhai Division in Khawzawl District and based on the identification by DFO Aizawl an area measuring to 21.121033 Ha is being diverted at Tuirini Riverine Reserve and Tuivawl Riverine Reserve Forest within Aizawl Division in Aizawl & Saitual District along the proposed alignment of the subject project.

- 2. Further, in accordance with the above, this office has uploaded the proposal for diversion of 27.850022 Ha (21.121033 Ha in Aizawl Division, Aizawl & Saitual District + 6.728989 Ha in Champhai Division, Khawzawl District) on PARVISEH Portal on 29.12.2020 and the hard copy of the same is also submitted herewith for kind reference.
- 2. It is, therefore, requested that the proposal may please be examined and processed at the earliest.

Yours sincerely

Encl: as above

(Adil Singh) General Manager (Projects) NHIDCL, PMU-Seling, Mizoram

Copy to: 1. The Sr. PPS to the Chief Secretary, Govt. of Mizoram for kind information.

- 2. The Executive Director-P, NHIDCL RO-Aizawl for kind information.
- 3. The Secretary, LR&S Dept. Govt. of Mizoram for kind information.
- 4. The APCCF, Nodal Office, FC, EF&CC Dept. Govt. of Mizoram for kind information.
- 5. The Deputy Commissioner, Aizawl, Saitual & Khawzawl, Govt. of Mizoram for kind information.
- 6. The Addl. Deputy Commissioner (CALA), Aizawl, Saitual & Khawzawl, Govt. of Mizoram for kind information
- 7. The DFO Aizawl & Champhai EF&CC Dept. Govt. of Mizoram for kind information.
- 8. The DPR Consultant, M/s K&J Projects Limited for information.

सङ्क परिवादन और राजमार्ग मंत्रालय, भारत सरकार पीबोजन प्रस्तान संसित, संस्त्रों दूरिस्ट सॉज किसूलियमङ, जावजीत, मिन्हेरन-अधारा

nds. 0389-2950166, \$AH pmu.sellng@nhlddl.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit. Seling, Clo Tourist Lodge, Thingsulthiah, Azzaki, Mizoram-795161 Phone: 0389-2950166. Email: pmu.seling@nhidcl.com

BHARATMALA



(A Government of India Enterprise)

Date: 30.12.2020

(पारत संस्कार का उराप)

NHIDCL/PMU-Seling/Seling-Dulte/FC/2020/405

To,

The Principal Chief Conservator of Forest, Environment Forest & Climate Change Dept. Govt. of Mizoram, Aizawl, Mizoram

Sub: Rehabilitation and Up-gradation to 2-lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing Chainage km 0+000 to km 69+015 (Design Chainage km 0+000 to km 62+200) (Package-1, 2, 3 & 4) in the state of Mizoram under Bharatmala Pariyojana on EPC mode - "Submission of Proposal for forest clearance in Hard Copy -Regd."

Proposal No. FP/MZ/ROAD/117867/2020

Sir,

It is to submit that DFO Champhai informed this office that 6.728989 Ha of the Tuivawl Riverine Reserve Forest within Champhai Division in Khawzawl District and based on the identification by DFO Aizawl an area measuring to 21.121033 Ha is being diverted at Tuirini Riverine Reserve and Tuivawl Riverine Reserve Forest within Aizawl Division in Aizawl & Saitual District along the proposed alignment of the subject project.

- Further, in accordance with the above, this office has uploaded the proposal for diversion 2. of 27.850022 Ha (21.121033 Ha in Aizawl Division, Aizawl & Saitual District + 6.728989 Ha in Champhai Division, Khawzawl District) on PARVISEH Portal on 29.12.2020 and the hard copy of the same is also submitted herewith for kind reference.
- It is, therefore, requested that the proposal may please be examined and processed at the earliest.

Encl: as above

P/B OF PCCF Receipt No. 6.702 Date 30 . 12 . 20

ADIL SINGH Digitally signed by ADIL SINGH Date: 2020.12.30 11:25:10 +05'30'

Yours sincerely

(Adil Singh) General Manager (Projects)

NHIDCL, PMU-Seling, Mizoram

Copy to: 1.The Sr. PPS to the Chief Secretary, Govt. of Mizoram for kind information. 2. The Executive Director-P, NHIDCL RO-Aizawl for kind information.

3. The Secretary, LR&S Dept. Govt. of Mizoram for kind information.

3. The Secretary, Charles of the Secretary of Mizoram for kind information.
4. The APCCF, Nodal Office, FC, EF&CC Dept. Govt. of Mizoram for kind information.

4.The APCCF, Nodat Commissioner, Aizawl, Saitual & Khawzawl, Govt. of Mizoram for kind information.

5.The Deputy Commissioner (CALA). Aizawl Saitual & Khawzawl, Saitual & Khawzawl Sai 5. The Deputy Commissioner (CALA), Aizawl, Saitual & Khawzawl, Govt. of Mizoram for kind

information
7. The DFO Aizawl & Champhai EF&CC Dept. Govt. of Mizoram for kind information. 8. The DPR Consultant, M/s K&J Projects Limited for information

29/12/2020 Timeline

TimeLine Details

Proposal received date at each stage of flow.

A. General Details

(i). Proposal No.: FP/MZ/ROAD/117867/2020

- (ii). Name of Project for which Forest Land is required: Rehabilitation and Up-gradation to 2-lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing Chainage km 0+000 to km 69+015 (Design Chainage km 0+000 to km 62+200)
- (iii). Short narrative of the proposal and Project/scheme for which the forest land is required: The existing road is a single lane BT surface road, which was constructed by BRO in year 1961 to 1965 and maintained upto 2016 by PWD. At present the road is badly damaged and deteriorated because of inadequate and improper road side drainage system. Due to this prevailing road condition the travel

(iv). State: Mizoram

(v). Category of the Project: Road

(vi). Shape of forest land proposed to be diverted: Linear

(vii). Area of forest land proposed for diversion(in ha.): 27.850022

B. Time Line

	Proposal No.	Submitted by User Agency	Query for Shortcoming(if any) by Nodal Officer	Query by Nodal Officer for submitting Hard Copies	racaint	Division	Circle	Nodal Office	State Government	Regional Office	Stage-I Approval on	Stage-II Approval on
ı	FP/MZ/ROAD/117867/2020	29/12/2020	aa									

C. Essential Details Sought History

Communication between Regional Office & State Government	Communication between State Government & Nodal Officer	Communication between Nodal Officer & Circle	Communication between Circle & Division	Communication between Division & User Agency

NOTE:- Proposal is pending at : **Nodal Officer**.

	Details of Forest Area on NH-06 Seling-Dulte Road									
SN	District	Village	Division	Location (LHS/RHS)	Package	Design (Chainage	Length (km)	Area to be diverted	Remarks
1	Aizawl	Thingsulth liah	Aizawl	LHS/RHS	1	9.520	12.400	2.880	42696.54	DFO Aizawl needs to
2	Saitual	Keifang	Aizawl	LHS/RHS	1	12.400	13.510	1.110	18296.19	confirm the
3	Saitual	Keifang	Aizawl	LHS/RHS	2	13.510	14.510	1.000	15262.47	ownership of land with DC Aizawl &
4	Saitual	Ruallung/ Rulchawm	Aizawl	LHS/RHS	3	41.480	45.040	3.560	59919.91	Saitual. Same is being claimed in Private
5	Saitual	Ruallung/ Rulchawm	Aizawl	LHS/RHS	4	45.040	49.132	4.092	75035.22	land
6	Khawzawl	Dulte	Champhai	LHS/RHS	4	49.132	53.960	4.828	67289.891	Confirmed by CALA Khawzawl & DFO Champhai
				Tot	al			17.470	278500.22	

FORM - A

Form for seeking prior approval of Central Government under section 2 of the Forest(Conservation) Act,1980 fo Diversion of fresh forest area

PART - I

(To be filled up by User Agency)

A. General Details
A- 1. Project Details
(i). Proposal No.: FP/MZ/ROAD/117867/2020
(ii). Name of Project for which Forest Land is required: Rehabilitation and Up-gradation to 2-lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing Chainage km 0+000 to km 69+015 (Design Chainage km 0+000 to km 62+200)
(iii). Short narrative of the proposal and Project/scheme for which the forest land is required: The existing road is a single lane BT surface road, which was constructed by BRO in year 1961 to 1965 and maintained upto 2016 by PWD. At present the road is badly damaged and deteriorated because of inadequate and improper road side drainage system. Due to this prevailing road condition the travel
(iv). State: Mizoram
(v). Category of the Project : Road
(vi). Shape of forest land proposed to be diverted: Linear
(vii). Estimated cost of the Project(Rupees in lacs): 99739
(viii). Total Area of Forest Land proposed for diversion(in ha.): 27.850022
(ix). Non-Forest Land required for this project(in ha.): 102.064888
(x). Total period for which the forest land is proposed to be diverted(in years): 99
A- 2. Details of User Agency
(i). Name : NHIDCL

(ii). Address1: NHIDCL OFFICE, EDDIE KHAWLHRING BUILDING, NIKANG VENG, CP ROAD,

TLANGNUAM, AIZAWL

(iii). Address2: NIL

(iv). State: Mizoram

```
(v). District: Aizawl
 (vi). Pin: 796005
 (vii). Landmark: NEAR PLAYGROUND
 (viii). Email address: aizawl.nhidcl@gmail.com
 (ix). Landline Telephone No.: 11-23461603
 (x). Fax No.: 11-
 (xi). Mobile No.: 9414370651
 (xii). Website (if any): www.nhidcl.com
 (xiii). Legal status of User Agency: Central PSU
A-
3. Details of Person Making Application
 (i). First Name: ADIL
 (ii). Middle Name: NIL
 (iii). Last Name: SINGH
 (iv). Gender: Male
 (v). Designation: GM
 (vi). Address 1: NHIDCL OFFICE, Project Monitoring Unit-Seling, Mizoram, C/o Tourist Lodge
 Thingsulthliah
 (vii). Address 2: Near Power House on Hospital Road
 (viii). State: Mizoram
 (ix). District: Aizawl
 (x). Tehsil: NIL
 (xi). Pin: 796161
 (xii). Landmark: Tourist Lodge Thingsulthliah
 (xiii). Email Address: pmu.seling@nhidcl.com
```

(xv). Fax No.: NIL

(xvi). Mobile No.: 8527586333

(xvii). Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency:

B. Details of land required for the Project

B- Details of proposal seeking prior approval of Central Government under the Act for

1. diversion of forest land for the Project already submitted in the past

Proposal Submitted in Past							
S.no	Proposal Status.	Proposal No.	Moef File No.	Area Proposed for Diversion(Ha.)	Area Diverted(Ha.)	Date of In- Principle Approval	Date of Final Approval
1	Approved	FP/MZ/ROAD/23965/2017	No. 3-MZ C 076/2017- SHI/830- 831		0	18 May 2018	20 Aug 2019

 $\frac{\mathsf{B}}{\mathsf{2}}$. Details of forest land proposed to be diverted

B-2.1 Details of Divisions involved

	Details of Divisions involved					
S.no	Division Name	Forest Land(ha.)	Non-Forest Land(ha.)			
1.	Aizawl	21.121033	81.355124			
2.	Champhai	6.728989	20.709764			

B-2.2 Details of Districts involved

District wise breakup				
S.no	District Name	Forest Land(ha.)	Non-Forest Land(ha.)	
1.	Aizawl	21.121033	81.355124	
1.	Champhai	6.728989	20.709764	

B-2.3 Village wise breakup

Villages wise breakup				
S.no	Village	Forest Land(ha.)	Non-Forest Land(ha.)	
1	Thingsulthliah	4.269654	21.916477	
2	Keifang (pkg-1)	1.829619	0.252403	
3	Keifang (pkg-2)	1.526247	42.85916	
4	Ruallung/Rulchawm (pkg-3)	5.991991	15.62823	

5	Ruallung/Rulchawm (pkg-4)	7.503522	0.698854	l
6	Dulte	6.728989	20.709764	l

B-2.4 Component wise breakup

	Component wise breakup					
S.no	Component	Forest Land(ha.)	Non-Forest Land(ha.)			
1	Design Chainage km 9.520 to 12.400	4.269654	21.916477			
2	Design Chainage km 12.400 to 13.510	1.829619	0.252403			
3	Design Chainage km 13.510 to 14.510	1.526247	42.85916			
4	Design Chainage km 41.480 to 45.040	5.991991	15.62823			
5	Design Chainage km 45.040 to 49.132	7.503522	0.698854			
6	Design Chainage km 49.132 to 53.960	6.728988	20.709764			

C. Maps of forest land proposed to be diverted

Division 1. : Aizawl

(i). Area of forest land proposed to be diverted(in ha.): 21.121033

(ii).: Linear

(b). No. of Segments: Five

Segment wise details						
Segments	Segment Area(in ha.)	Kml File of Segments				
1.	4.269654	View File				
2.	1.829619	View File				
3.	1.526247	View File				
4.	5.991991	View File				
5.	7.503522	View File				

- (iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted:
- (iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station:

Division 2. : Champhai

(i). Area of forest land proposed to be diverted(in ha.): 6.728989

(ii).: Linear

(b). No. of Segments: One

Segment wise details						
Segments	Segment Area(in ha.)	Kml File of Segments				
1.	6.728989	View File				

(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted:

(iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station:

<u>D.</u> <u>Justification for locating the Project in forest land and details of alternatives</u> examined:

(i). Copy of note containing justification for locating the Project in forest land:



- (ii). Whether a copy of map indicating location of alternative examine is required to be provided: No
- (a). Reason for not providing such map Nil

E. Employment likely to be generated

- (i). Whether the Project is likely to generate employment ?: Yes
- (ii). Permanent/Regular Employment(Number of persons): 50
- (iii). Temporary Employment(Number of person-days): 2000
- F. Displacement of People due to the Project, if any
 - (i). Whether Project involves displacement?: No

G. Details of Cost-Benefit analysis for the Project

- (i). Whether the Project requires Cost-Benefit analysis?: Yes
 - (a). Copy of Cost-Benefit analysis:



H. Status of Environmental Clearance

(i). Whether the Project requires Clearance under the Environment (Protection) Act 1986?: No

I. Status of Wildelife Clearance

- (i). Whether the Project or a part thereof is located in any Protected Area or their Eco sensitive zone? : No
- J. Applicability of special provisions governing Scheduled Areas
 - (i). Whether the Project or a part thereof is located in a Scheduled Area?: Yes
- <u>K. Status of settlement of rights under the Forest Rights Act,2006 on the forest land proposed to be diverted</u>
 - (i). Whether the process for settlement of Rights under the Forest Rights Acts 2006 on the forest land proposed to be diverted has been completed? : Yes
 - (a). Copy of documentry evidence in support of settlement of rights under the Forest Rights Act, 2006 on the forest land proposed to be diverted:
- L. Details of land identified for Compensatory Afforestation
 - (i). Whether non-forest or Revenue forest land is required to be provided by User Agency?: Not Applicable
 - (ii). Whether the area of non-forest land or Revenue forest land required to be provided by User Agency for raising Compensatory Afforestation is less than area of forest land proposed to be diverted?: Not Applicable
 - (iii) . Reason for not providing Non-Forest Land: Not Applicable

Additional information Details

Documents						
S.No	Documents	Remarks				
1		Forest Area intimation by DFO Champhai				
2	- TO	Technical Report				
3		Undertaking for No additional Path				
4		Undertaking for No change in Layout				
5		Undertaking for No Transfer of Forest land				
6		Undertaking for NPV & Addl NPV				
7		Undertaking for Survey by Total Station				
8		Undertaking for use of Fuel				
9		Block Map of Aizawl District				
10		Block Map of Saitual				

	District
11	Block Map of Khawzawl District

Print page

NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

(Ministry of Road Transport & Highways, Government of India)

Regional Office: Executive Director (P), Aizawl.

3rd Floor, T-86, Tuikhuatlang, Aizawl, Mizoram-796001

Email: ro-mizoram@nhidcl.com



A GOVT. OF INDIA UNDERTAKING

TO WHOM SO EVER IT MAY CONCERN

This is to certify that National Highways & Infrastructure Development Corporation Limited (NHIDCL), Project Management Unit (PMU)-Seling, Mizoram has been assigned the task of "Rehabilitation and Up-gradation to 2-lane with paved shoulders of Seling-Dulte section (Economic Corridor) from Existing Chainage km 0+000 to km 69+015 (Design Chainage km 0+000 to km 62+200) in the state of Mizoram under Bharatmala Pariyojana on EPC mode".

In order to obtain the necessary forest clearance for the above road section, Shri Adil Singh, General Manager (P), PMU-Seling, Mizoram is hereby authorized to upload the proposal for the diversion of forest area under section-2 of Forest Conservation Act, 1980 on Ministry of India **Forest** of Government of Environment. and Climate Change www.forestclearance.nic.in along with the requisites documents to the concerned Department/Agencies and he is also authorized to sign and submit such papers on behalf of National Highways & Infrastructure Development Corporation Limited.

(Virendra Kumar Jakhar)

Executive Director (P)

NHIDCL, Regional Office-Aizawl, Mizoram

Place: Regional Office Aizawl, Mizoram

Date: 24.12.2020

सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार परियोजना प्रबंधन एकक- सेतिंग, सी/ओ टुरिस्ट सॉज, ठिंग्सुल्ध्नियाह, आइजोल, मिज़ोरम- ४९६१६१ पोन: 0389-2950166, ईमेल: pmu.seling@nhidcl.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

(भारत सरकार का उद्यप)

Project Management Unit- Seling, C/o Tourist Lodge, Thingsulthliah, Aizawl, Mizoram- 796161

Phone: 0389-2950166, Email: pmu.seling@nhidcl.com

BHARATMALA ROAD TO PROSPERITY



(A Government of India Enterprise)

NHIDCL/PMU-Seling/Seling-Dulte/2020/396

Dated 29.12.2020

JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA

Road Alignment for "Rehabilitation and Up-gradation to 2-lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing Chainage km 0+000 to km 69+015 (Design Chainage km 0+000 to km 62+200) (Package-1, 2, 3 & 4) in the state of Mizoram under Bharatmala Pariyojana on EPC mode" has been examined for the Social, Technical and Economical consideration and possible efforts were made to avoid the forest land by National Highways & Infrastructure Development Corporation Limited, Project Management Unit-Seling, Mizoram, but Forest Land can't be avoided as we have opted the best suited alignment and it is partially passing through the forest land, so we have no option other than to acquire some land in forest area. It is also to be mentioned that we don't have any alternative alignment. It is further stated that the area of forest land involved in the proposed alignment for "Rehabilitation and Up-gradation to 2-lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing Chainage km 0+000 to km 69+015 (Design Chainage km 0+000 to km 62+200) (Package-1, 2, 3 & 4) in the state of Mizoram under Bharatmala Pariyojana on EPC mode" has been kept minimum.

Place: Thingsulthliah, Aizawl, Mizoram

Date: 29.12.2020

ADIL

Digitally signed by ADIL SINGH

SINGH

Date: 2020 12 29 16:55:23 +05'30'

Signature: Name: Adil Singh

ADIL SINGH

Office Seal:

General Manager (P)

PMU-Seling

NHIDCL

Designation: General Manager (Project)

National Highways & Infrastructure Development Corporation Limited

Project Management Unit-Seling, Mizoram

Mob. No.- +91-8527586333

सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार परियोजना प्रबंधन एकक- सेतिंग, सी/ओ ट्रेरिस्ट लॉज, ठिंग्सुल्थितयाह, आङ्जोत, मिजोरम- ४९६६६ पौन: 0389-2950166, ईमेन: pmu.seling@nhidcl.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit- Seling, C/o Tourist Lodge, Thingsulthliah, Aizawi, Mizoram- 796161 Phone: 0389-2950166, Email: pmu.seling@nhidcl.com

(भारत सरकार का उद्यम)





(A Government of India Enterprise)

NHIDCL/PMU-Seling/Seling-Dulte/2020/399

Dated 29.12.2020

TECHNICAL - REPORT

Scope of work The President of India acting through the General Manager (Projects),

> National Highways & Infrastructure Development Corporation Ltd (the Authority) is engaged in the development of National Highways. As part of this endeavour, the Authority has decided to undertake rehabilitation and upgradation of NH-06 from Seling to Dulte from Design Chainage km 0.000 to km 62.200 (Existing Chainage km 0.000 to km 69.015) to 2-lane with paved shoulder in the State of Mizoram.

Letter of Sanction from

Authorised Representative

MORT&H

No. A-12025/25/2020/Miz-NHIDCL Cell dated 18.03.2020, 17.03.2020,

18.03.2020 & 17.03.2020

Aizawl, Saitual & Khawzawl District

Start at kmp 0.000 (Seling) to kmp 69.015 (Dulte) Location

General Manager (Projects), National Highways & Infrastructure

Development Corporation, PMU-Seling, Mizoram

Project Cost INR 997.39 Crore

Existing width Single lane 3.75 m

Traffic Details 1945 PCU

The existing road is a single lane BT surface road, which was Necessity of work

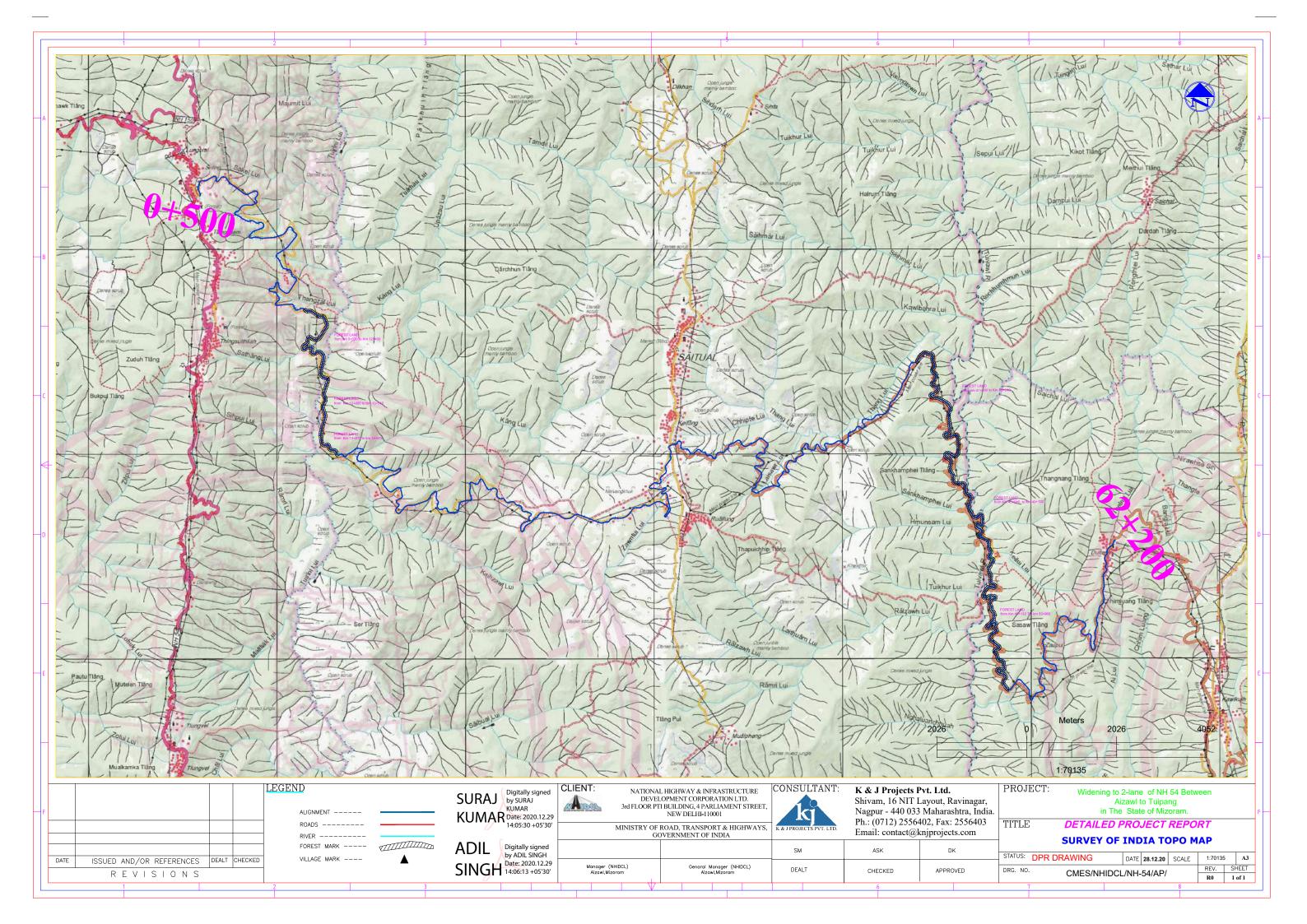
constructed by BRO in year 1961 to 1965 and maintained upto 2016 by PWD. At present the road is badly damaged and deteriorated because of inadequate and improper road side drainage system. Due to this prevailing road condition the travel time from Seling to Champhai has been increased substantially. Also, the current road conditions make it difficult for two vehicles to pass by at a particular time. Hence, it becomes of utmost importance to rehabilitate and widen the carriageway of the proposed stretch for smooth and safe traffic flow.

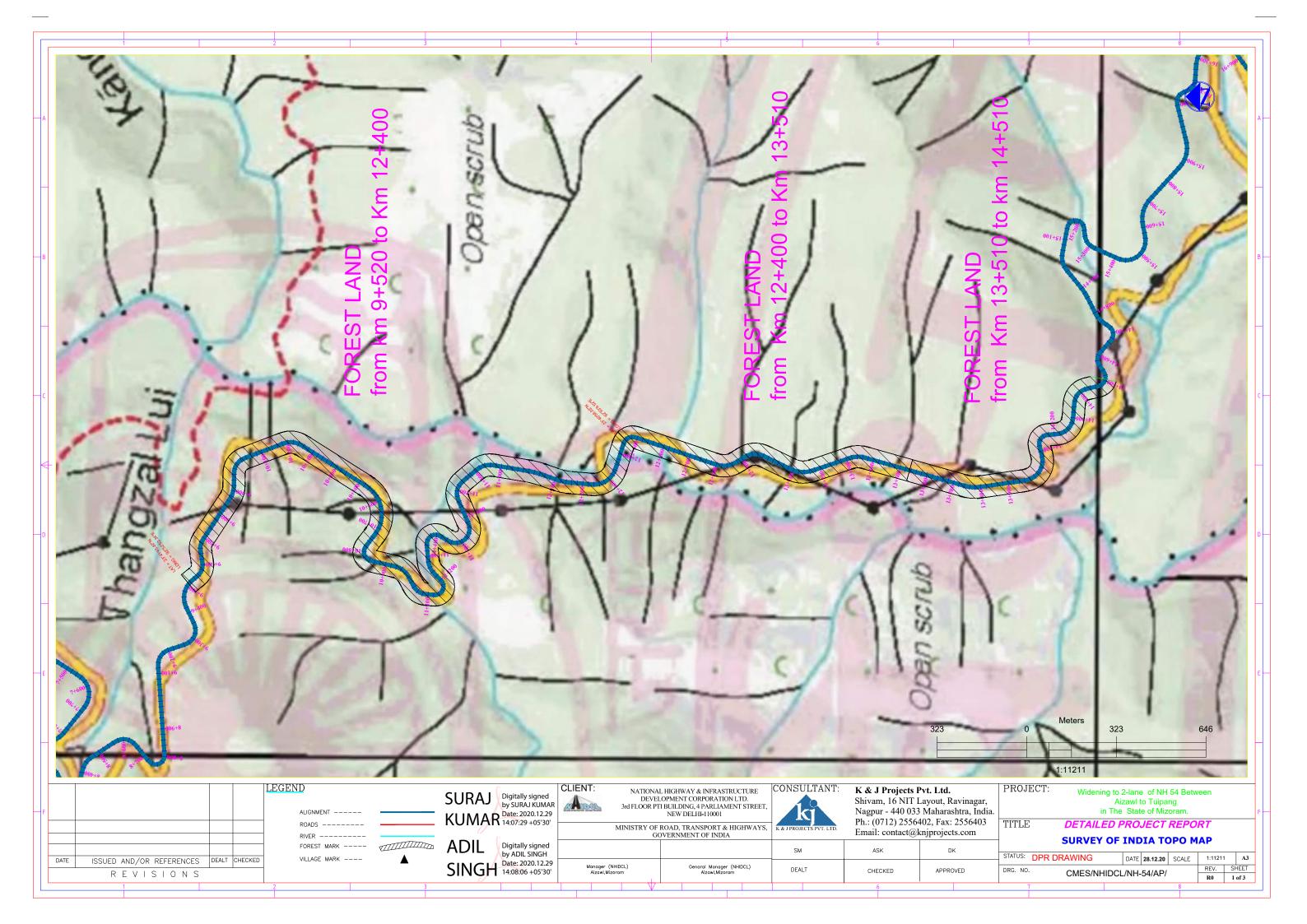
> ADIL SINGH General Manager (P) PMU-Seling NHIDCL

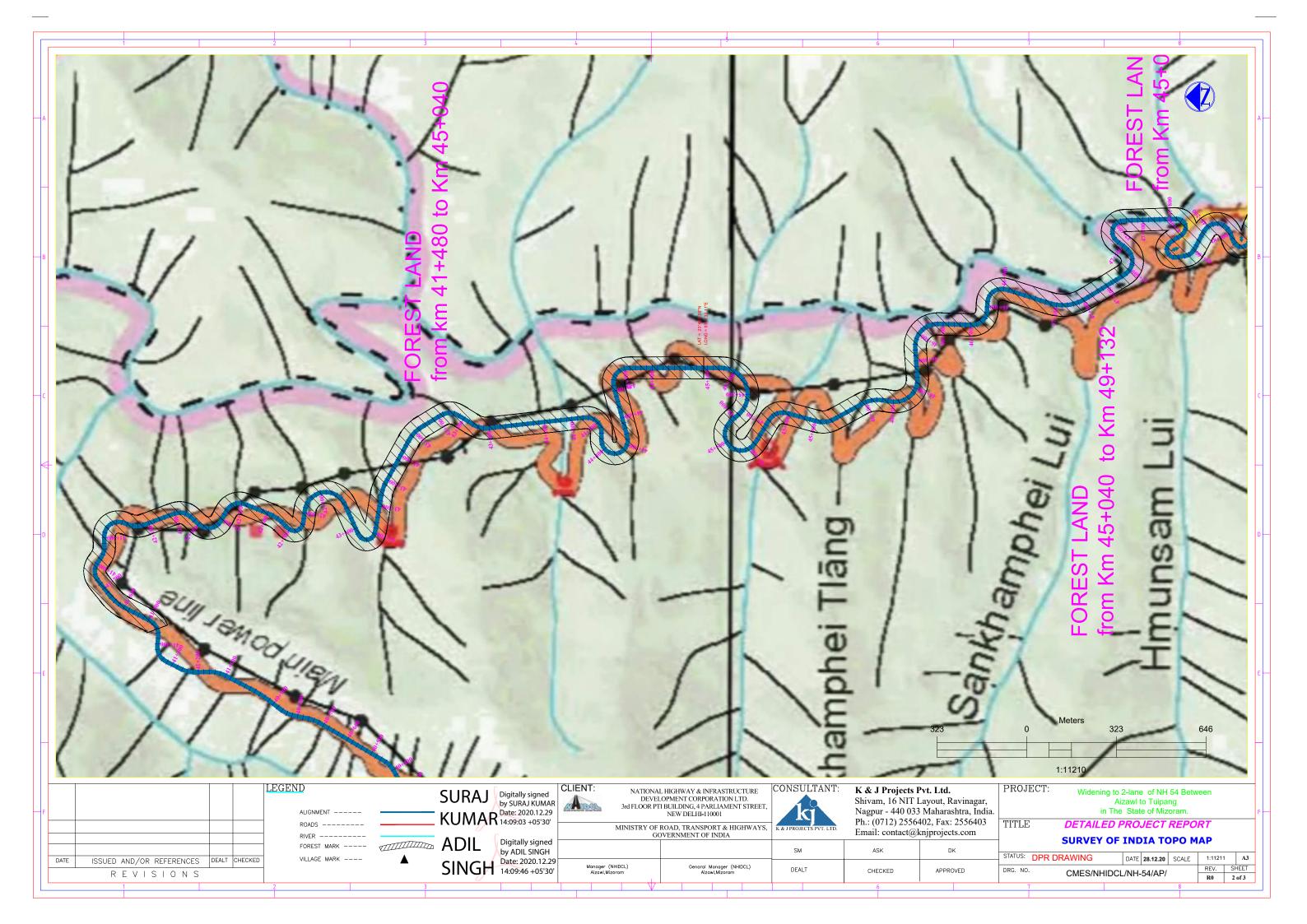
ADIL SINGH Digitally signed by ADIL SINGH Date: 2020.12.29 16:56:13 +05'30'

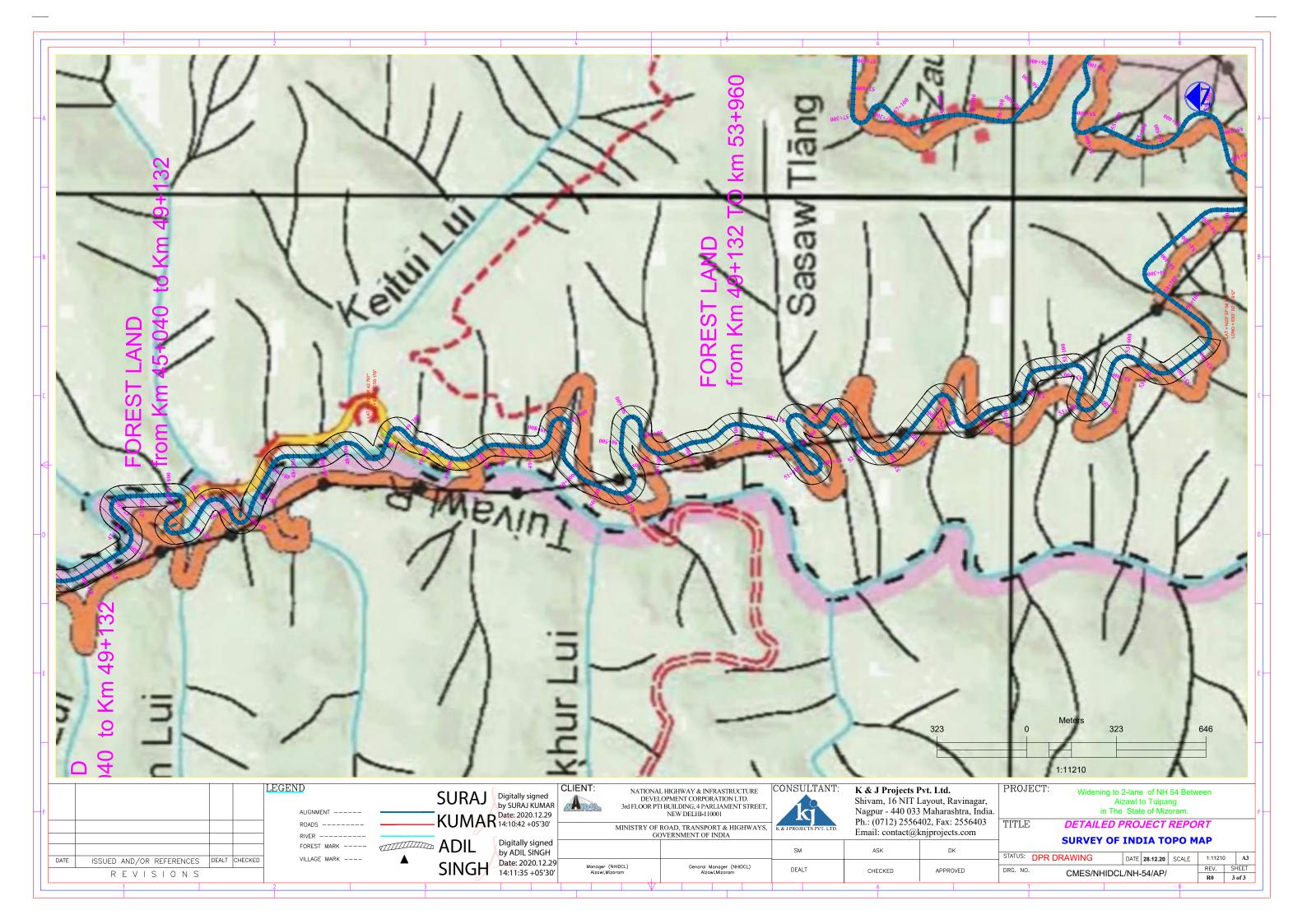
(Adil Singh)

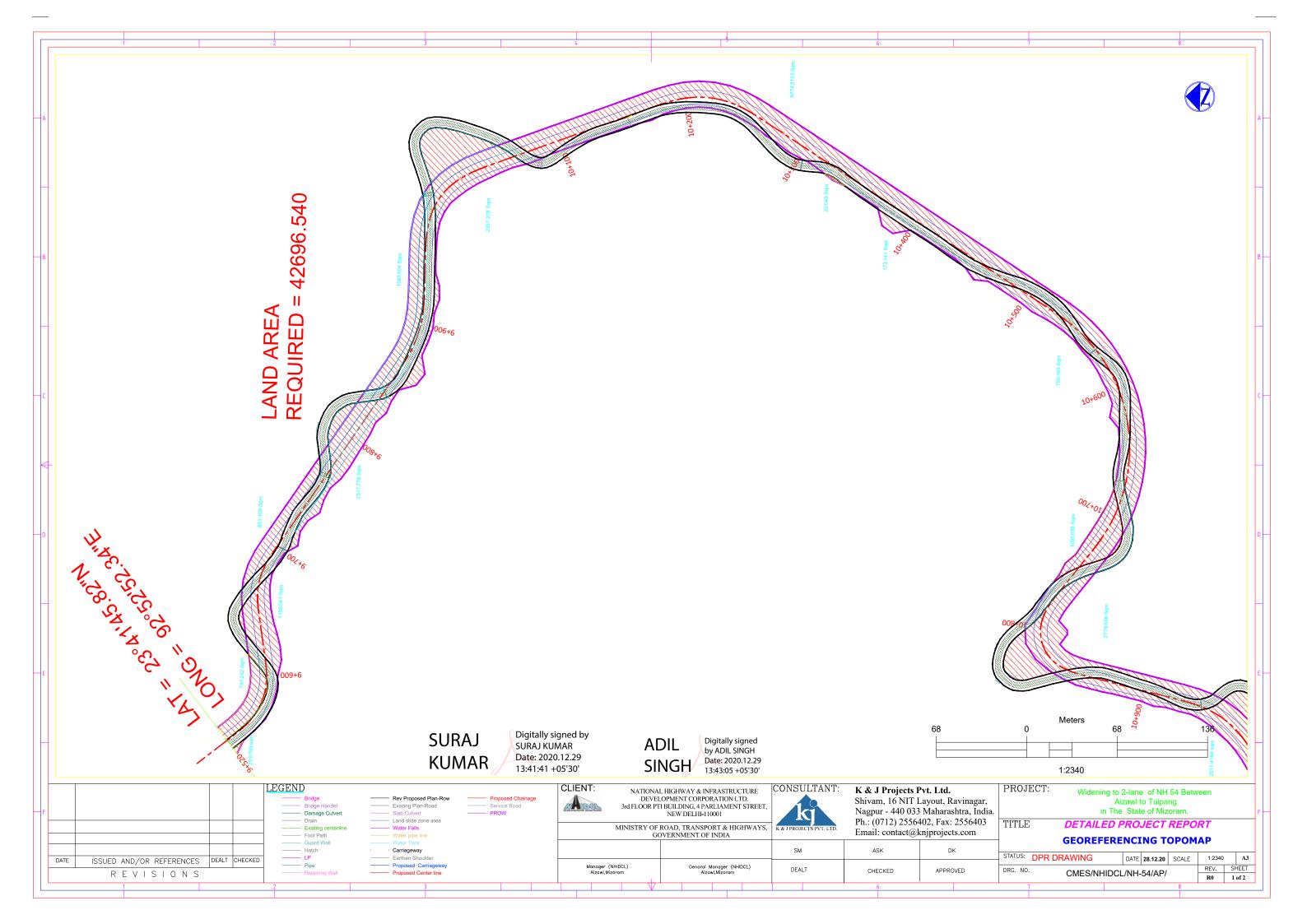
General Manager (Projects) NHIDCL, PMU-Seling, Mizoram

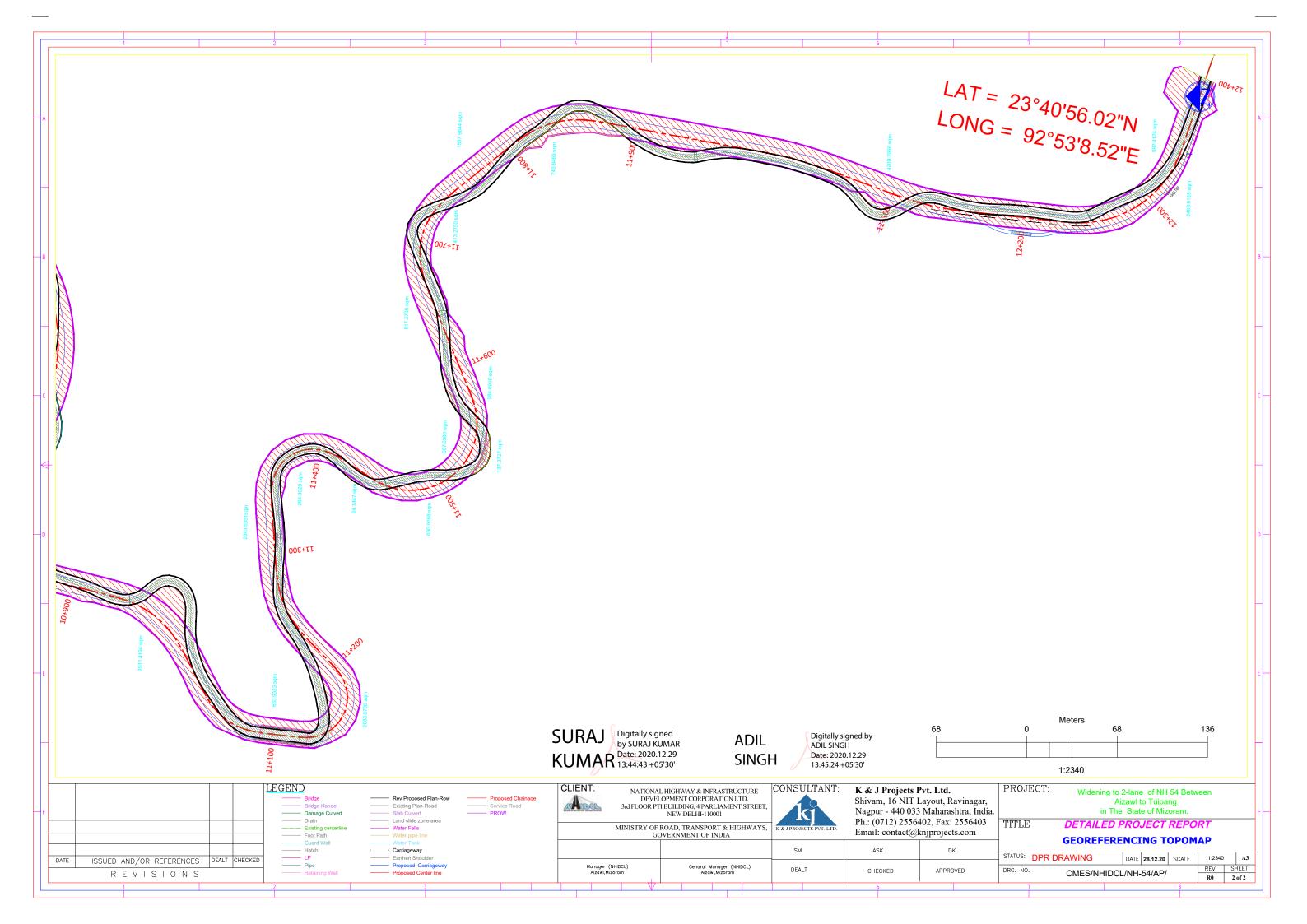


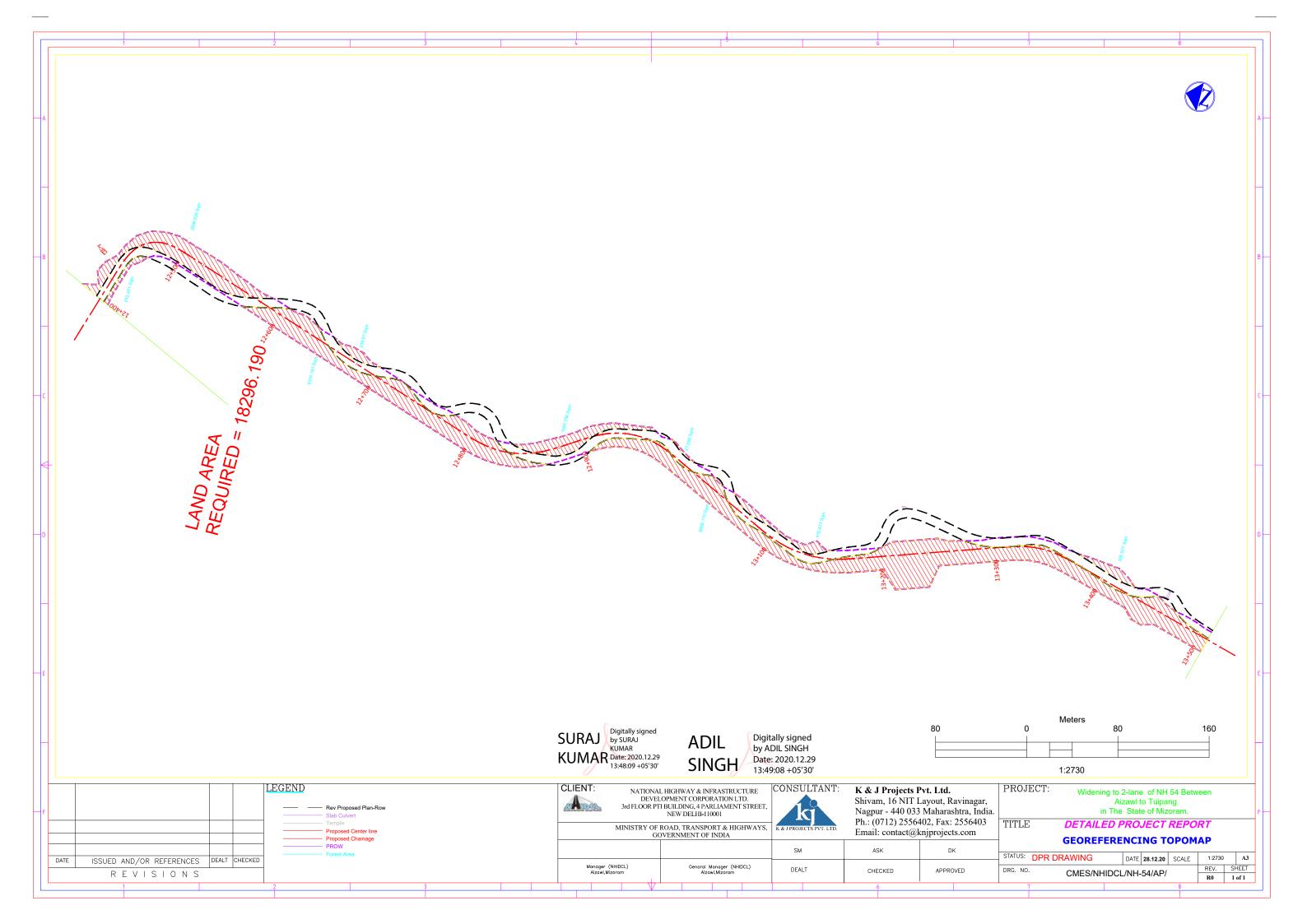


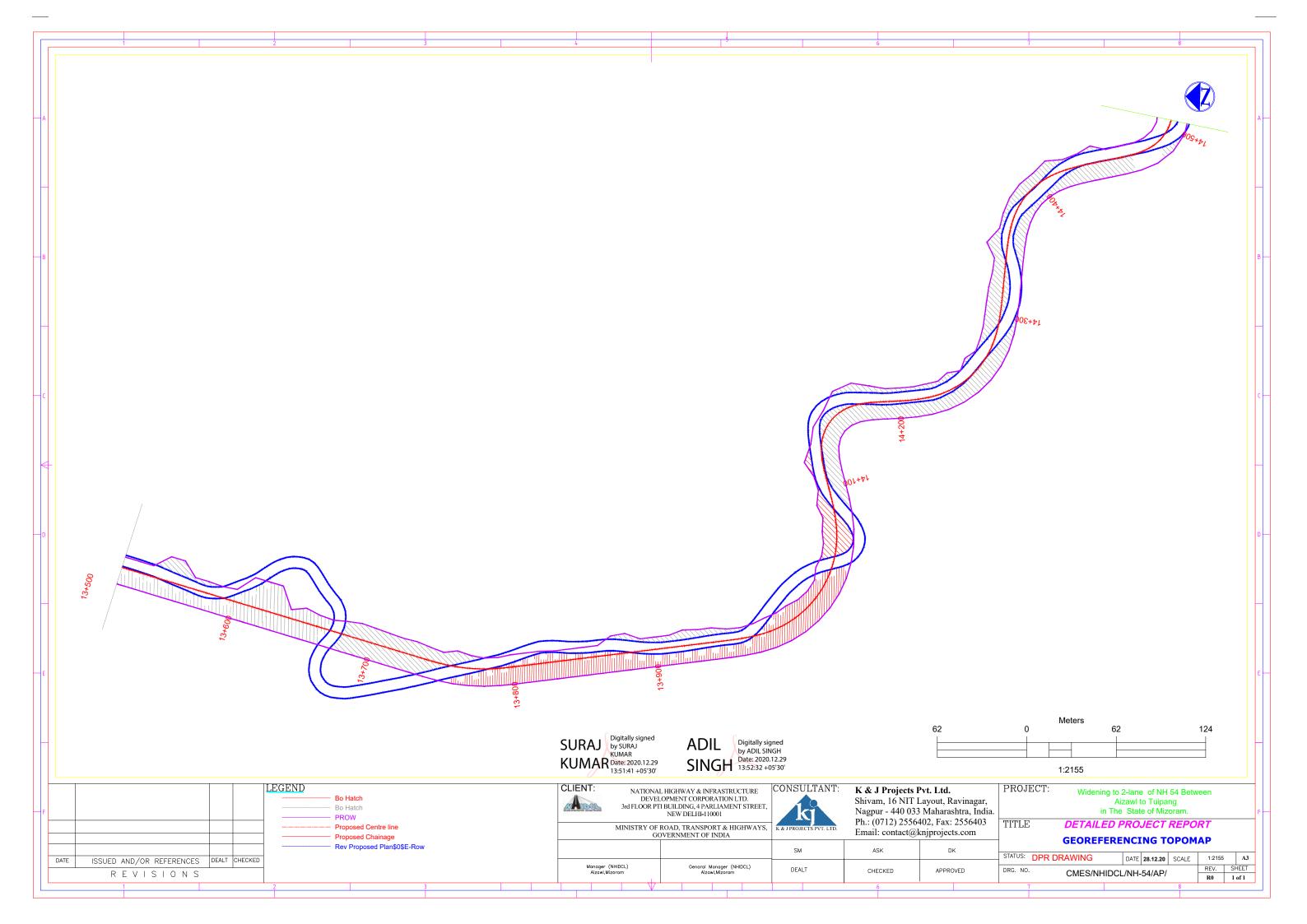


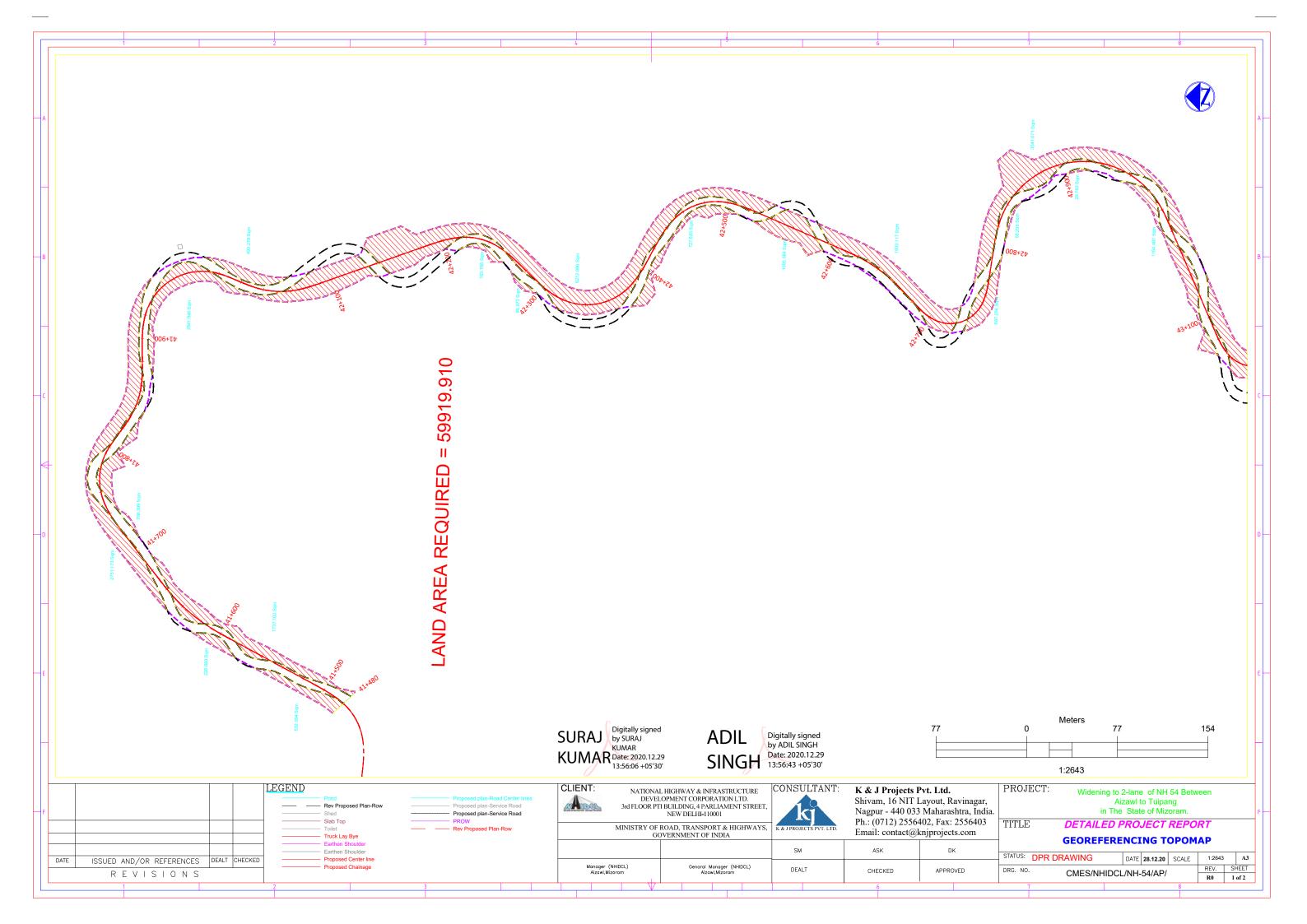


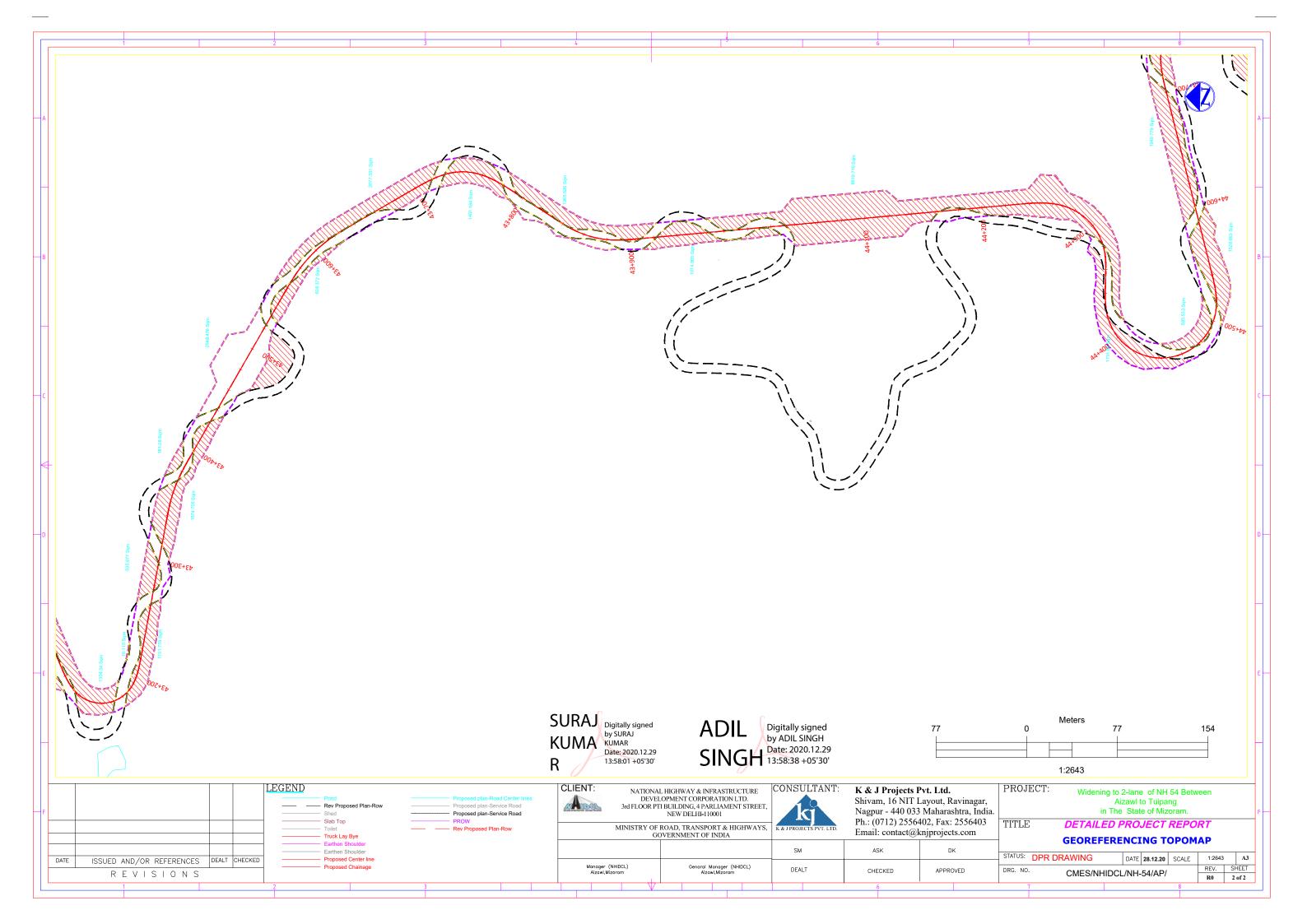


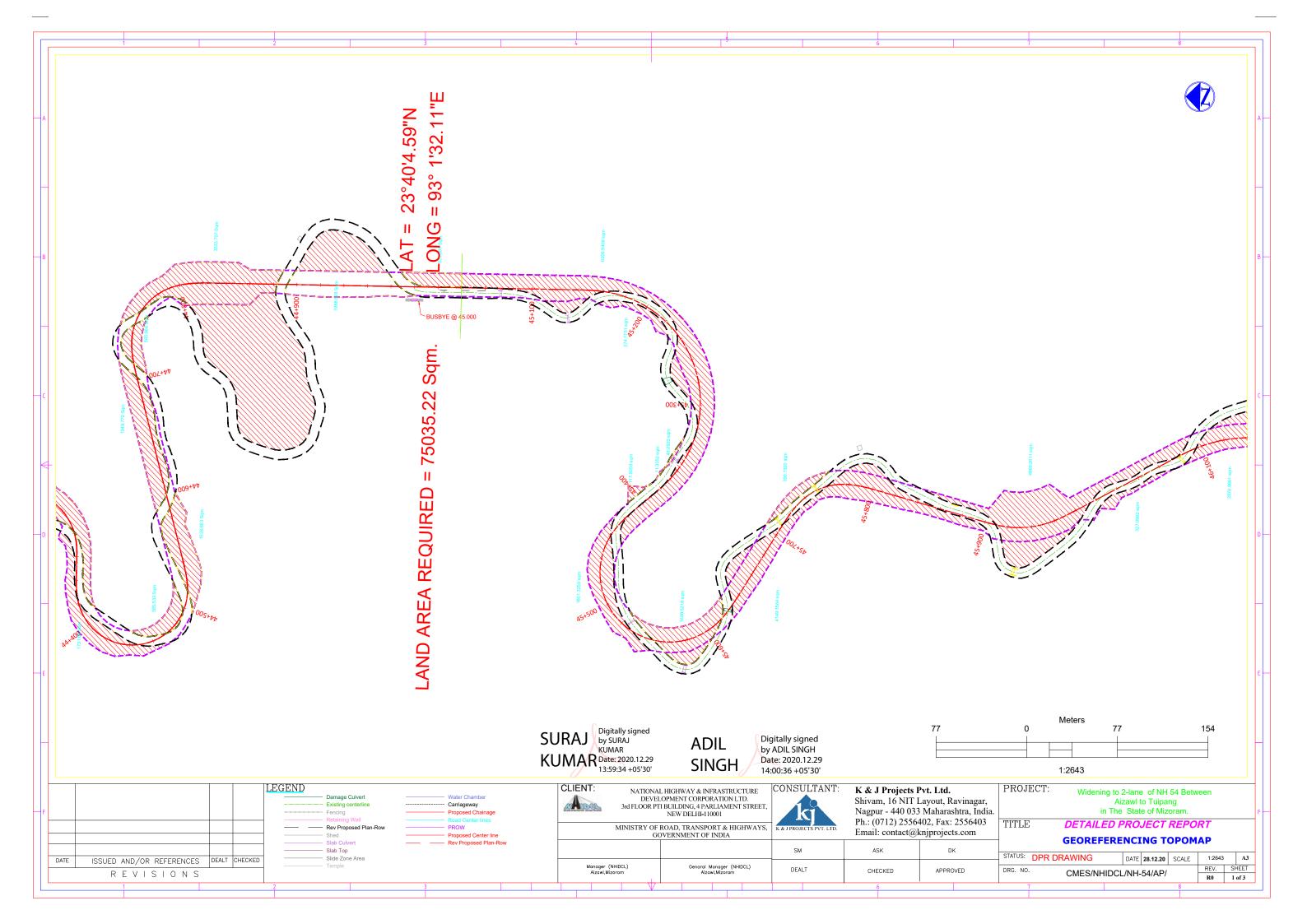


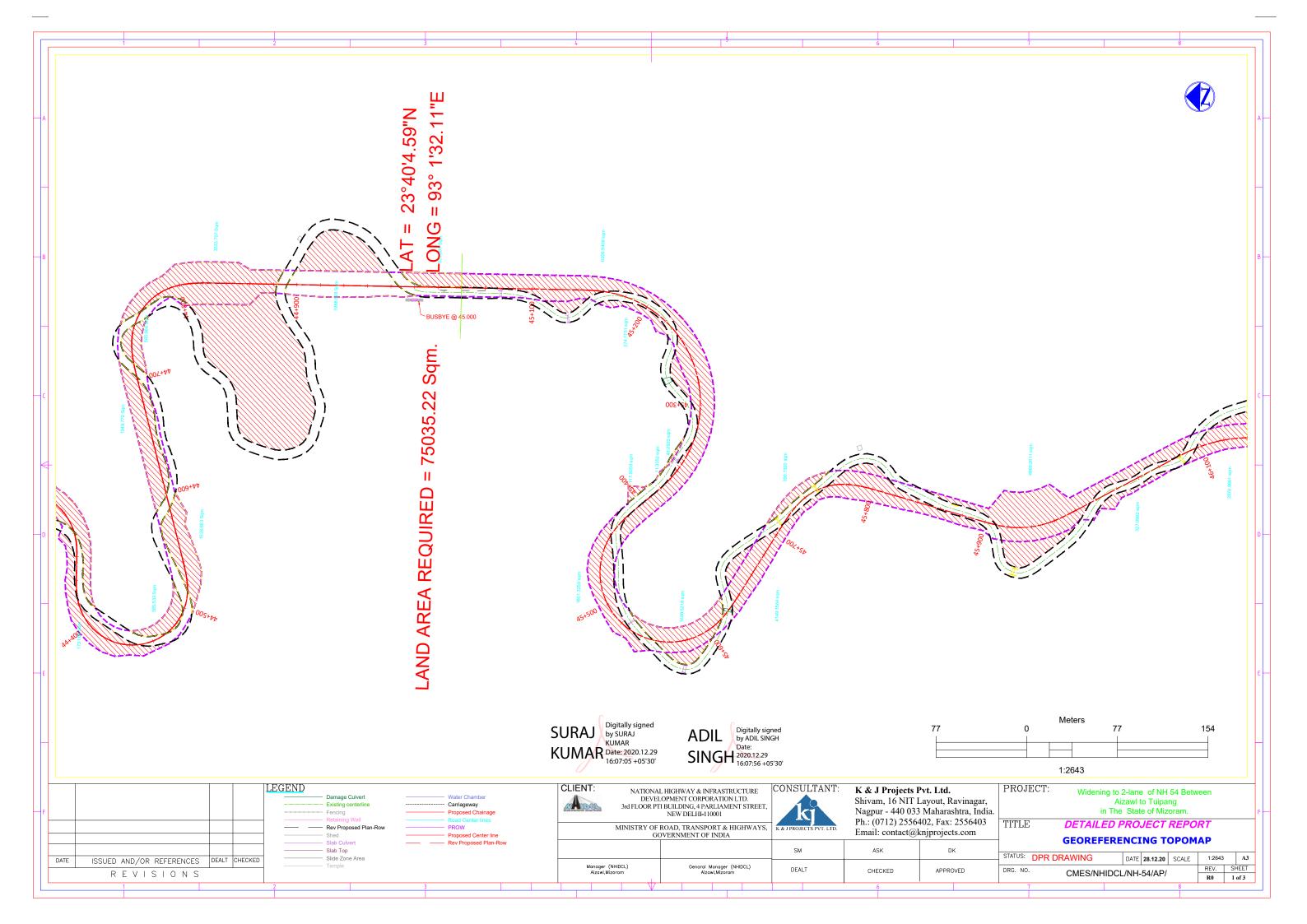


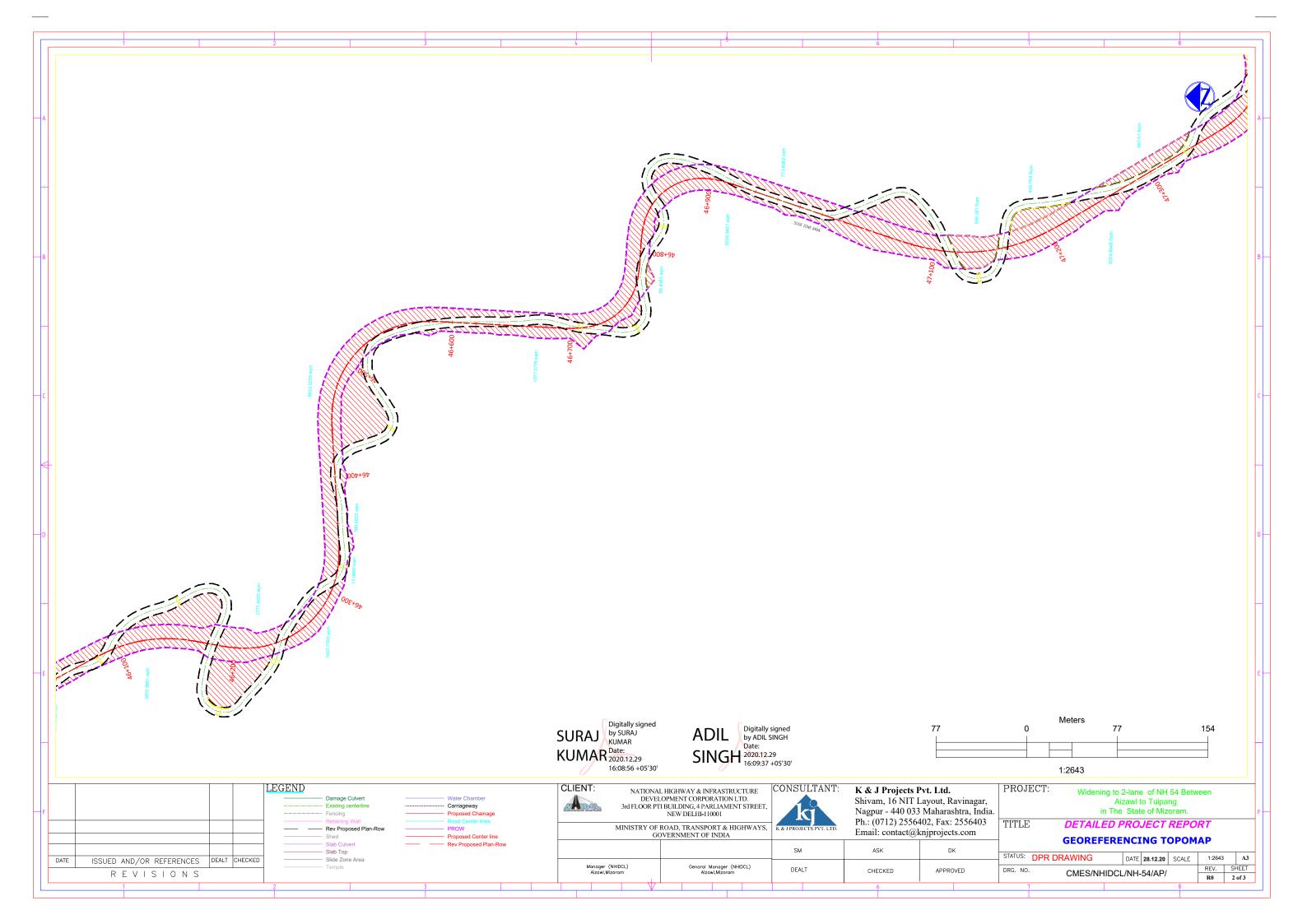


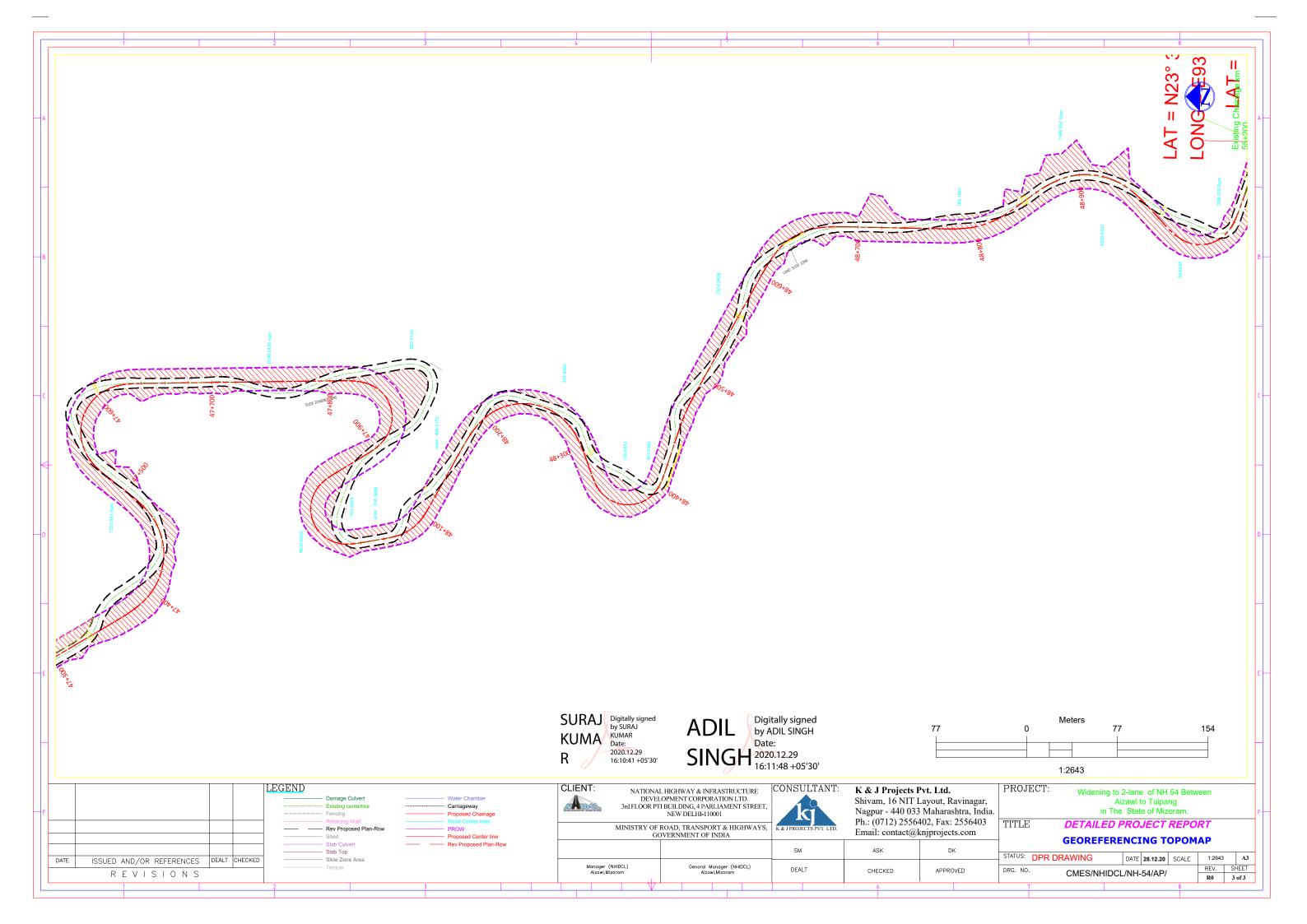


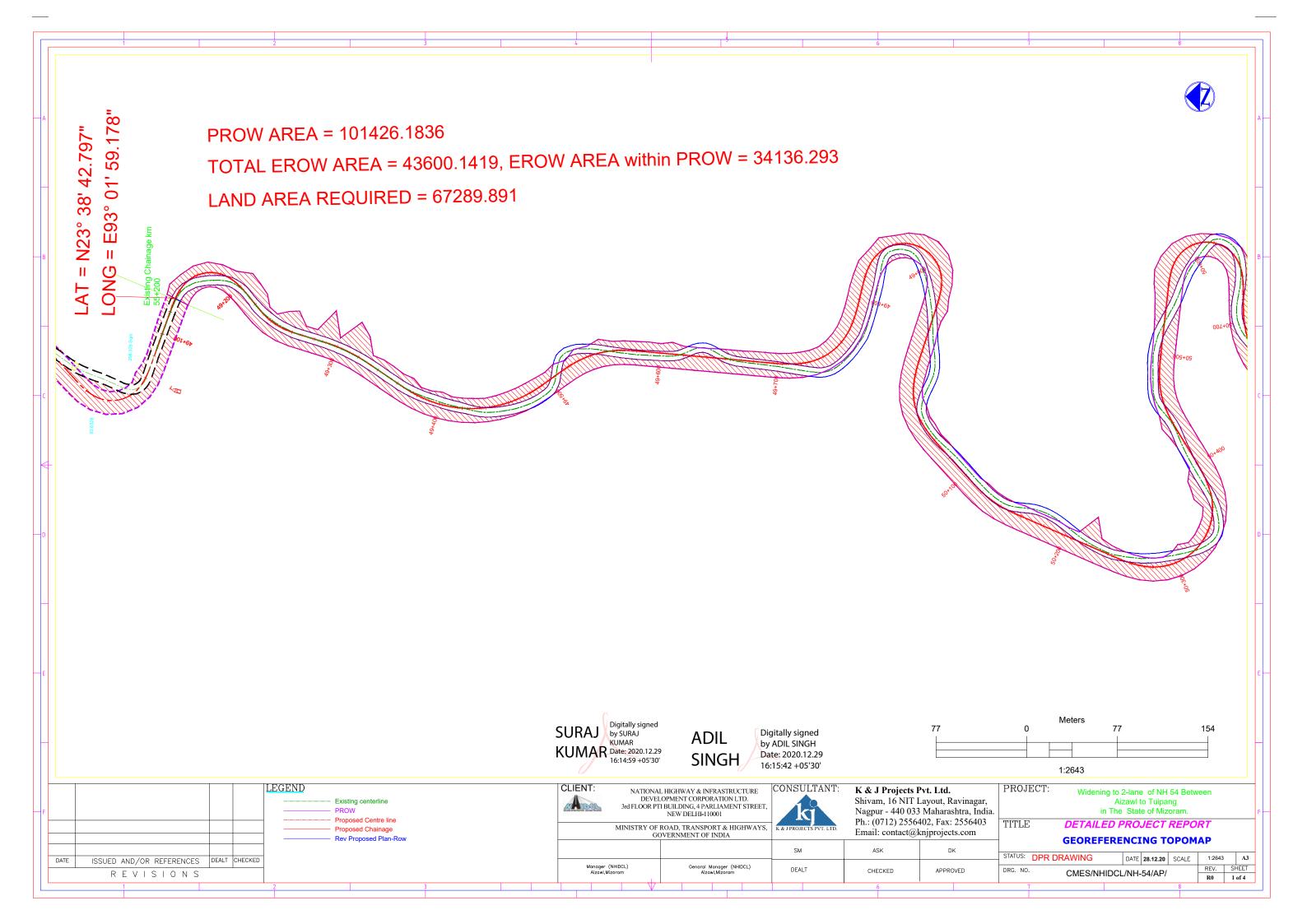


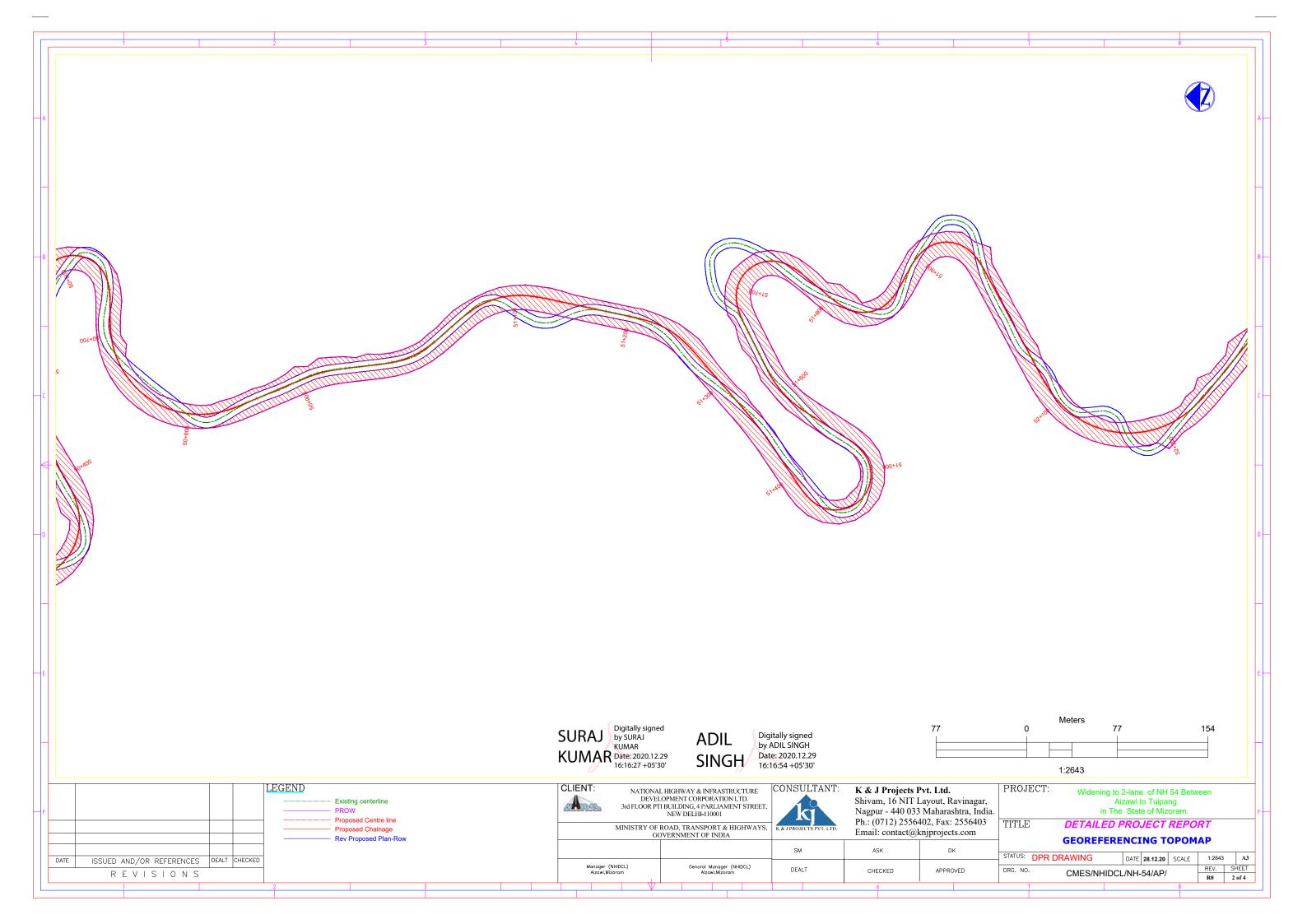


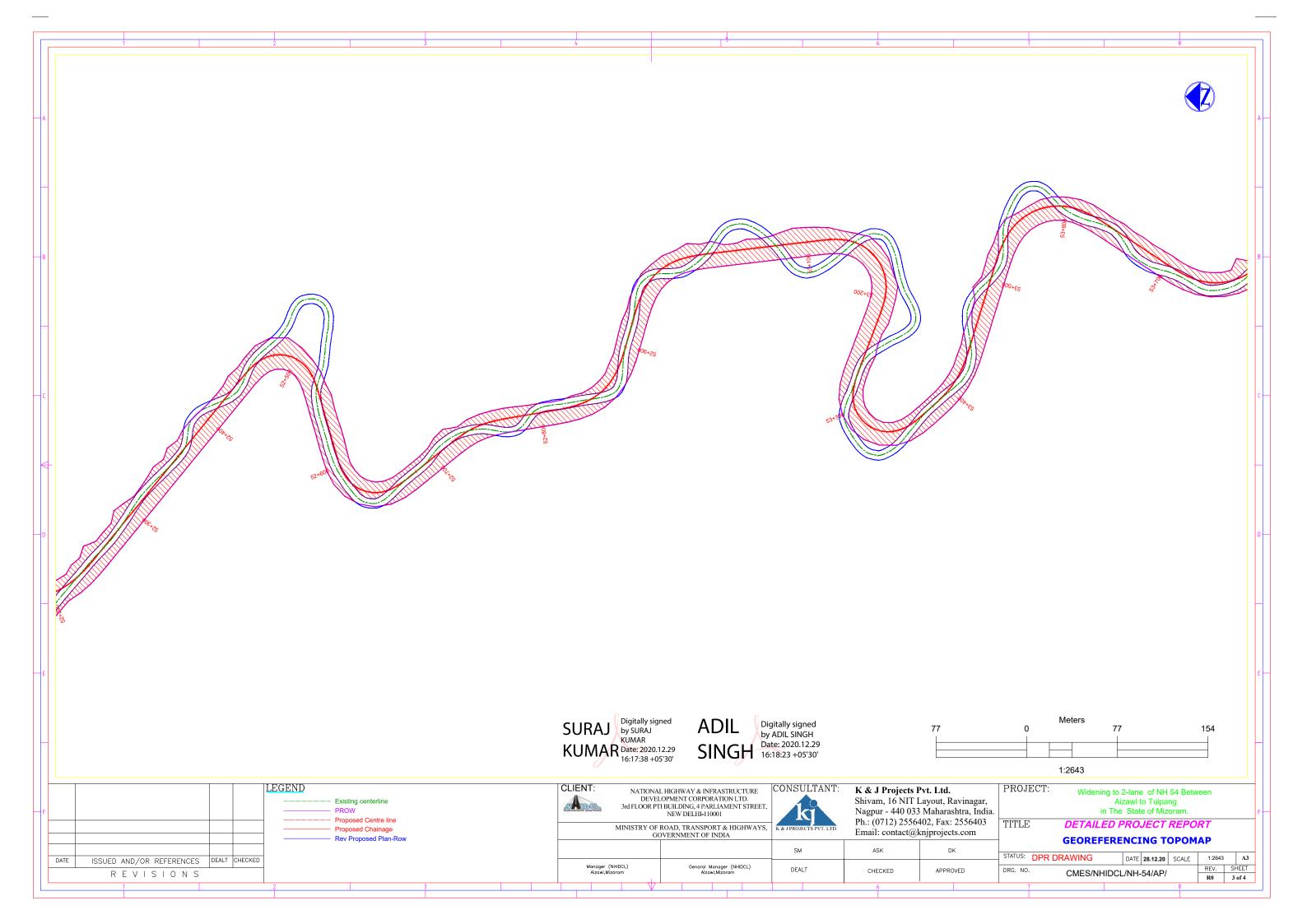


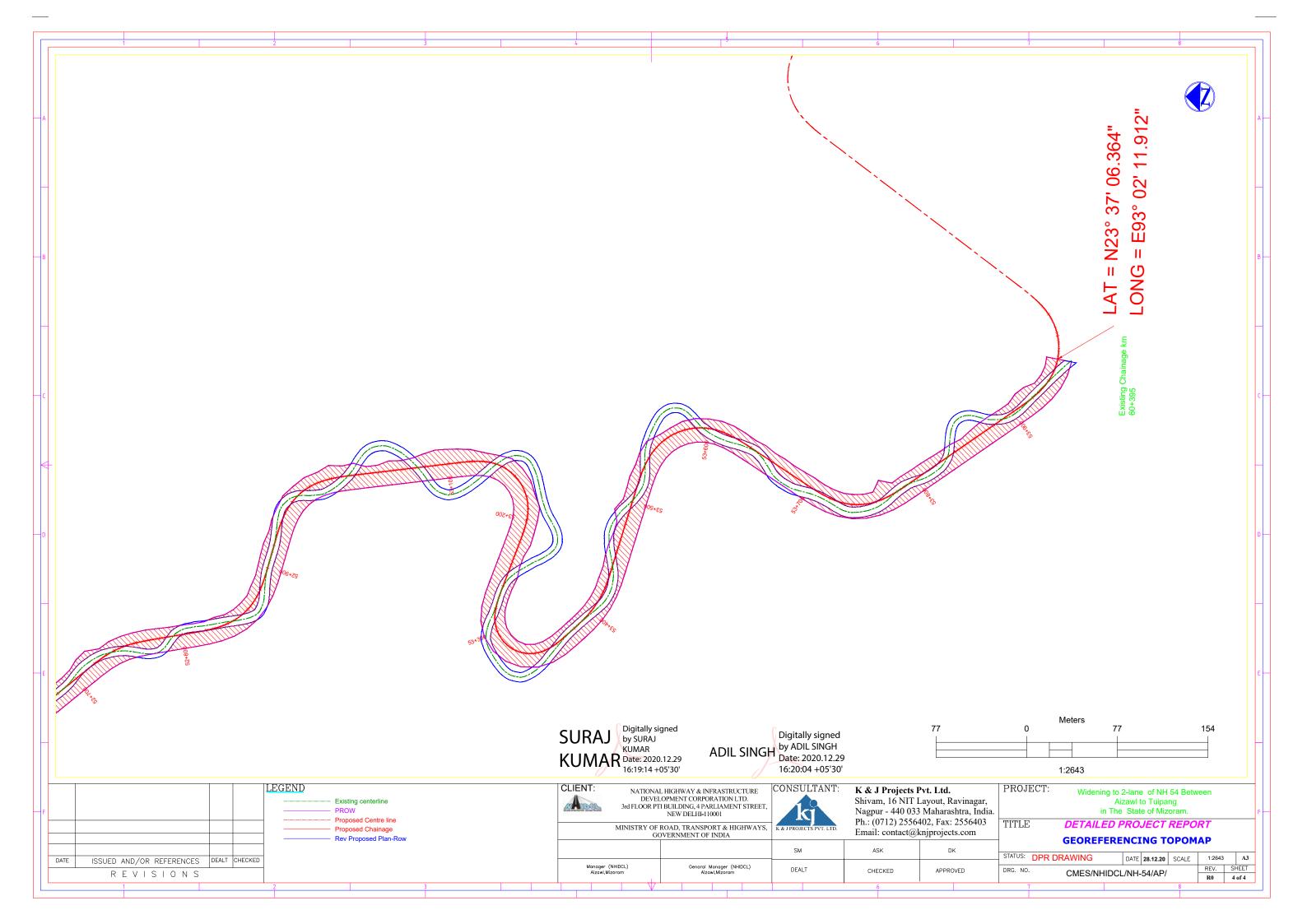












सङ्क परिवहन और राजमार्ग मंत्रालय, भारत सरकार परिवाजना प्रबंधन एकक- संतिम, सीजो ट्रीस्ट ताँज, विन्तुन्धिनयह, आइजोल, निलोरम- ४९६६६ फोन: 0389-2950166, ईनेल pmu.seling@nhidcl.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit- Seling, C/o Tourist Lodge, Thingsuithliah, Aizawl, Mizoram- 796161 Phone: 0389-2950166, Email: pmu.seling@nhidcl.com

(पारत सरकार का उद्यग)





(A Government of India Enterprise)

NHIDCL/PMU-Seling/Seling-Dulte/2020/403

Dated 29.12.2020

Undertaking for no additional or new path in proposed diverted area

It is to undertake that no additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work in lieu the forest land proposed to be diverted for an area measuring to 27.850022 Ha in Aizawl, Saitual & Khawzawl.

ADIL SINGH Digitally signed by ADIL SINGH Date: 2020.12.29 16:56:51 +05'30'

(Adil Singh)

General Manager (Projects) NHIDCL, PMU-Seling, Mizoram

> ADIL SINGH General Manager (P) PMU-Seling NHIDCL

सङ्क परिवहन और राजमार्ग मंत्रालय, भारत सरकार परियोजना प्रबंधन एकक- सेतिंग, वीजो टुरिस्ट लॉल, विन्तुन्ध्वियह, आइजोल, निज़ोरम- ७९६६६ फोन: 0389-2950166, ईमेन pmu.seling@nhidel.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit- Seling, C/o Tourist Lodge, Thingsuithliah, Aizawl, Mizoram- 796161 Phone: 0389-2950166, Email: pmu.seling@nhidcl.com

(भारत सारकार का उद्मप्)





(A Government of India Enterprise)

NHIDCL/PMU-Seling/Seling-Dulte/2020/400

Dated 29.12.2020

Undertaking for no change in layout plan

It is to undertake that the layout plan of the diverted forest land measuring to the area 27.850022 Ha in Aizawl, Saitual & Khawzawl district as mentioned in the proposal shall not be changed without the prior approval of central government.

ADIL SINGH Digitally signed by ADIL SINGH Date: 2020.12.29 16:57:33 +05'30'

(Adil Singh)
General Manager (Projects)
NHIDCL, PMU-Seling, Mizoram
ADIL SINGH
General Manager (P)
PMU-Seling
NHIDCL

GOVERNMENT OF MIZORAM



OFFICE OF THE DIVISIONAL FOREST OFFICER

CHAMPHAI FOREST DIVISION CHAMPHAI MIZORAM

No.D.11012/1/2008-FDC/ 44/

Dated Champhai, the 9th December, 2020

To,

Shri Adil Singh

General Manager (Projects)

National Highways and Infrastructure Development Corporation Ltd

PMU-Seling

Mizoram

Email- pmu.seling@nhidcl.com and nhidcl.aizawl@gmail.com

Subj:

Rehabilitation and upgradation to 2-lane with paved shoulder of Seling-Dulte Sector (Economic Corridor) from existing km 0.00 to km 69.015 (Design Chainage km 0.0 to km 62.2000) (Package 1,2,3&4) of NH-6 in the State of Mizoram under Bharatmala Pariyojna on EPC Mode- Request

for Identification of forest areas along project alignment-reg.

Sir,

In inviting a reference to your letter No.E-190100)NHIDCL/PMU-Seling/Seling-Dulte/2020/FC/350 Dt 16.11.2020 on the subject above, I am sending herewith forest areas along project alignment in prescribed format as under:

SI/ No.	Village	Start chainage	End chainage	Length (m)	Area (sqm)	Start Geo- coordinates	End Geo- coordinate
1	2	3	4	5	6	7	8
1	Tuivawl RRF Dulte	49.132	54.960	4828	67289.891	23° 38′ 42.80″N 93° 01′ 59.18″E	

(R.LALRUATFELA)ACF

forDivisional Forest Officer Champhai Forest Division

Champhai; Mizoram

Memo No.D.11012/1/2008-FDC/

9th December,2020 Dated Champhai, the

Copy to: Range Officer, Kawlkulh Forest Range for information. This has a reference to his report vide No.C.14011/13/2020-FRKK/96 Dt 30.11.2020.

> **Divisional Forest Officer** Champhai Forest Division Champhai; Mizoram

सङ्क परिवहन और राजमार्ग मंत्रालय, भारत सरकार परियोजना प्रबंधन एकक- सेलिंग, सी/ओ टुरिस्ट लॉज, ठिंग्सुल्थ्लियाह, आइजोल, मिलोरम- ४९६१६१ फोन: 0389-2950166, ईमेम: pmu.seling@nhidcl.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit- Seling, C/o Tourist Lodge, Thingsulthliah, Aizawl, Mizoram- 796161 Phone: 0389-2950166, Email: pmu.seling@nhidcl.com

(भारत सरकार का जधग)





(A Government of India Enterprise)

NHIDCL/PMU-Seling/Seling-Dulte/2020/401

Dated 29.12.2020

Undertaking for no transfer to any other agency

It is to undertake that the forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of Govt of India in lieu of an area measuring to 27.850022 Ha in Aizawl, Saitual & Khawzawl.

ADIL SINGH Digitally signed by ADIL SINGH Date: 2020.12.29 16:58:13

(Adil Singh) General Manager (Projects) NHIDCL, PMU-Seling, Mizoram

> ADIL SINGH General Manager (P) PMU-Seling NHIDCL

सङ्क पुरिवहन और राजमार्ग मंत्रालय, भारत सरकार पुरियोजना प्रबंधन एकक- सेनिंग, नीं/जो दूरिस्ट सॉज, ठिंग्बुल्थ्नियाह, आइजोत, निज़ोरन- ४९६१६१ फोन: 0389-2950166, ईनेन: pmu.seling@nhidol.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit- Seling, C/o Tourist Lodge, Thingsulthliah, Alzawl, Mizoram- 796161 Phone: 0389-2950166, Email: pmu.seling@nhidcl.com

(भारत सरकार का उदाग)





(A Government of India Enterprise)

NHIDCL/PMU-Seling/Seling-Dulte/2020/ 398

Dated 29.12.2020

UNDERTAKING BY USER AGENCY (NHIDCL)

For Net Present Value

National Highways & Infrastructure Development Corporation Limited, is liable to pay the Net Present Value cost as per the demand note to be issued by Government. While processing the proposal, if there is any increase in Net Present Value cost decided by the Government, NHIDCL is ready to pay the increased amount.

For Additional amount of the Net Present Value

NHIDCL do hereby undertake to bear the cost of additional amount of Net Present Value of the diverted forest land measuring the 27.850022 Ha in Aizawl, Saitual & Khawzawl district, if any becoming due after finalizing/ revision of the same by Hon'ble Supreme Court of India.

ADIL SINGH Digitally signed by ADIL SINGH Date: 2020.12.29 16:58:54 +05'30'

(Adil Singh)

General Manager (Projects)

NHIDCL, PMU-Seling, Mizoram

ADIL SINGH General Manager (P) PMU-Seling NHIDCL

सङ्क परिवहन और राजमार्ग मंत्रालय, भारत सरकार परिवाजना प्रवंधन एकक सेतिंग, सीओ ट्रोस्ट लॉन, ठिस्कुल्ध्नियाह, आइबौन, निजोरन- ७९६९६१ फोन: 0389-2950166, ईमेन: pmu.seling@nhidcl.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit-Seling, C/o Tourist Lodge, Thingsulthliah, Aizawl, Mizoram-796161 Phone: 0389-2950166, Email: pmu.seling@nhidcl.com

(भारत संस्कार का उद्यम)





(A Government of India Enterprise)

Dated 29.12.2020

NHIDCL/PMU-Seling/Seling-Dulte/2020/397

UNDERTAKING BY USER AGENCY FOR SURVEY

This is to certify that the survey work for diversion of 21.121033 Ha under Aizawl Forest Division within the jurisdiction of Aizawl & Saitual district and 6.728989 Ha under Champhai Forest Division within the jurisdiction of Khawzawl district has been carried out by using Total Station instrument.

ADIL SINGH Digitally signed by ADIL SINGH Date: 2020.12.29 16:59:34 +05'30'

(Adil Singh)

General Manager (Projects) NHIDCL, PMU-Seling, Mizoram

> ADIL SINGH General Manager (P) PMU-Seling NHIDCL

सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार परियोजना प्रबंधन एकक- सेलिंग, सी/ओ दुरिस्ट लॉज, ठिंग्सुन्ध्नियाह, आइजॉल, मिल्रोरम- ७९६१६१ प्रोत: 0389-2950166, ईमेल: pmu.seling@nhidcl.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit- Seling, C/o Tourist Lodge, Thingsulthliah, Aizawl, Mizoram- 796161 Phone: 0389-2950166, Email: pmu.seling@nhidcl.com

(भारत सरकार का उद्यम)





(A Government of India Enterprise)

NHIDCL/PMU-Seling/Seling-Dulte/2020/402

Dated 29.12.2020

Undertaking for use of Fuel

It is to undertake that sufficient quantity of firewood, preferable the alternate fuel, shall be provided by the Contractor on behalf of the NHIDCL (User Agency) to the labourers after purchasing the same from State Forest Dept or the Forest Development Corporation or any other legal source of alternate fuel in lieu the forest land proposed to be diverted for an area measuring to 27.850022 Ha in Aizawl, Saitual & Khawzawl.

> ADII **SINGH**

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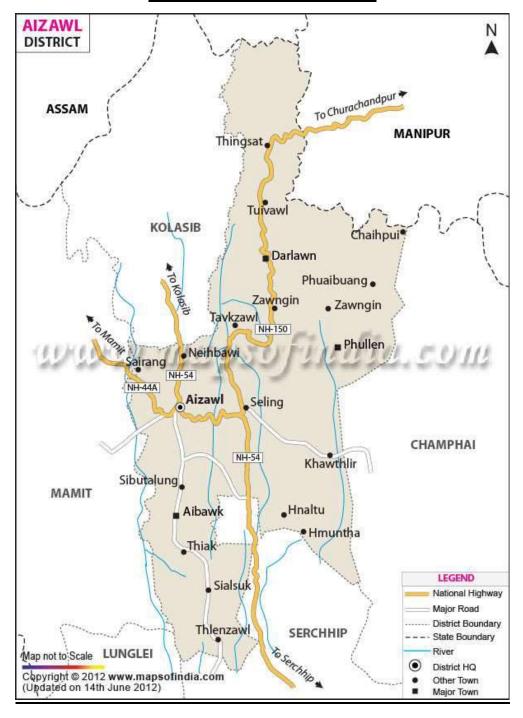
(Adil Singh) General Manager (Projects) NHIDCL, PMU-Seling, Mizoram

> ADIL SINGH General Manager (P) PMU-Seling

NHIDCL

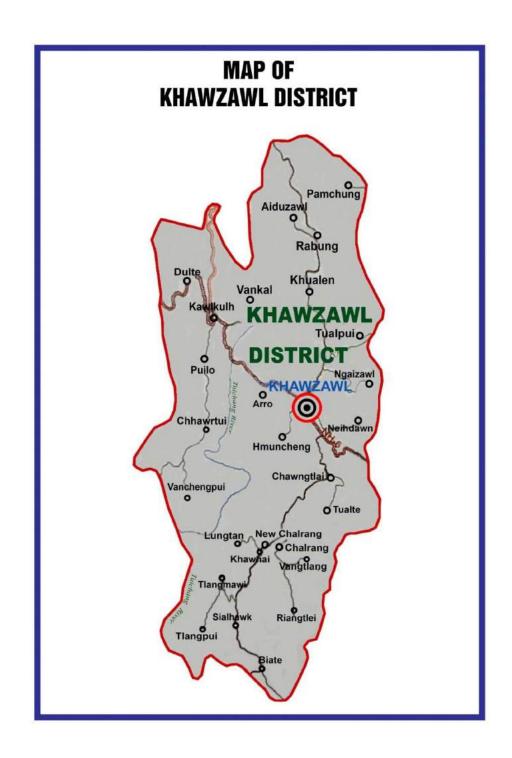
(A Public Sector Undertaking under the Ministry of Road Transport & Highways, Govt. of India)

Block Map of Aizawl District



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Block Map of Khawzawl District



Block Map of Saitual District



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The Mizoram Gazette

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Issue No. 107

NOTIFICATION

No. A. 14018/11/2016-SWD, the 11th February, 2020. Consequent upon the Official Resolution passed in the Fourth Session of the Eight Mizoram State Legislative Assembly held on 19th November, 2019, the Governor of Mzioram is pleased to revoke the application of The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 in Mizoram with effect from 19th November, 2019.

Zoramthangi Hauhnar, Secretary to the Govt. of Mizoram, Social Welfare Department. Name of Project: Rehabilitation and Up-gradation to 2-lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing Chainage km 0+000 to km 69+015 (Design Chainage km 0+000 to km 62+200) (Package-1, 2, 3 & 4) in the state of Mizoram under Bharatmala Pariyojana on EPC mode

User Agency NHIDCL PMU Seling, Mizoram

COST BENEFIT ANALYSIS

Calculation of Cost Part

Table-B: Estimation of cost of forest diversion

SN	Parameters	Criteria	Amount (In Rs)	Remarks
1	Ecosystem services losses due to proposed forest diversion	Economic value of loss of eco-system services due to diversion of forests shall be the net present value (NPV) of the forest land being diverted as prescribed by the Central Government (MoEF&CC).	₹ 2,61,51,171	Details are at Enclosure-I
		Note: In case of National Parks the NPV shall be ten (10) times the normal NPV and in case of Wildlife Sanctuary the NPV shall be five (5) times the normal NPV or otherwise prescribed by the ministry or any other competent		
2	Loss of animal husbandry productivity, including loss of fodder	To be quantified and expressed in monetary terms or 10% of NPV applicable whichever is maximum	₹ 26,15,117	Taken as 10% of NPV
3	Cost of human resettlement	To be quantified and expressed in monetary terms as per approved R&R plan	NIL	There is no human resettlement in the forest land along the project road & in Non-forest land; the Assessment is being made by Competent Authority under NH Act, 1956
4	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways, etc.) on forest land, which would require forest land if these facilities were diverted due to the project	To be quantified and expressed in monetary terms on actual cost basis at the time of diversion	NIL	There are no public facilities and administrative infrastructure Roads, Building, School, Dispensaries, Electric Lines, Railways etc) on Forest land.
5	Possession Value of forest land diverted	30% of environmental costs (NPV) due to loss of forests or circle rate of adjoining area in the district should be added as a cost component as possession value of forestland whichever is maximum	₹ 78,45,351	30 % of NPV

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COST BENEFIT ANALYSIS Calculation of Cost Part Table-B: Estimation of cost of forest diversion SN **Parameters** Criteria **Amount** Remarks (In Rs) Cost of suffering to oustees The social cost of rehabilitation of oustees (in addition to the NIL The Road alignment has been kept to have minimum cost likely to be incurred in providing residence, occupation impact on agricultural land. No grazing land is going to and social services as per R&R plan) be worked out as 1.5 be affected so there is no suffering to oustees. times of what oustees should have earned in two years had he not been shifted. 7 Habitat Fragmentation Cost While the relationship between fragmentation and forest ₹ 1,30,75,585 50 % of NPV goods and services is complex, for the sake of simplicity the cost due to fragmentation bas been pegged at 50% of NPV applicable as a thumb rule. 8 Compensatory afforestation and soil & The actual cost of compensatory afforestation and soil & ₹ 34,81,253 Rate for CA scheme as per Standard analysis taken moisture conservation cost moisture conservation and its maintenance in future at as Rs. 1,25,00 per Ha present discounted value

Total

₹ 5,31,68,477



Calculation of Benefit Part

Name of Project: Rehabilitation and Up-gradation to 2-lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing Chainage km 0+000 to km 69+015 (Design Chainage km 0+000 to km 62+200) (Package-1, 2, 3 & 4) in the state of Mizoram under Bharatmala Pariyojana on EPC mode

S.No	Parameters	Criteria	Amount (In Rs)	Remarks
1	Increase in productively attribute to the specific project	To be quantified & expressed in monetary terms avoiding double counting	₹ 5,00,000.00	Increase in trade and commerce in the state of Mizoram and neighboring states as the safety and security of country as a whole inclduing prevention of smuggling valuable goods and establishment of law and other in the State will result subsequent economic growth as well as radical development of the society. This benefit parts cannot be directly quantified. However, approx amount will be around Rs 50 Lakhs
2	Benefits to economy due to the specific project.	the incremental economic benefit in monetary terms due to ne activities attributed to the specific project ₹ 5,00,00,000.00		Long term planning has to be kept in view for economic and social benefit as a result of economic activities growing in the State and whole country. Therefore, this project is expected to serve tremendous economic and social causes. Economic growth in project district considering 0.1% enhances growth of the state GDP against normal benefit will be for 5 years.
			(0.01 Lacs Crore/annum in 2020-21 However, approx amount= Rs. (10000 x 0.001 x 5 x 0.01) = Rs 5 Crores NB: Considered the 0.1 factor on the total amount	
3	No. of population benefited due to specific project Total no. of potential benefited is 20000.		₹ 25,00,000.00	All those travelling on the road can save on fuel and time, reducing pollution and carbon emmssion. For those residing on the region will be less exposed to the air and noise pollution. Small scale buisness & other trade likely to be generated as soon as this highway is developed. This benefit part cannot be directly quantified. However, approx amount will be Rs 25 Lakhs.



Calculation of Benefit Part

Name of Project: Rehabilitation and Up-gradation to 2-lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing Chainage km 0+000 to km 69+015 (Design Chainage km 0+000 to km 62+200) (Package-1, 2, 3 & 4) in the state of Mizoram under Bharatmala Pariyojana on EPC mode

S.No	Parameters	Criteria	Amount	Remarks
			(In Rs)	
4	Economic benefits due to of direct and indirect employment due to the project		₹ 62,50,000.00	Approximately 200 Nos of Villagers likely to be employed on self employment basis due to likely development of small scale industries as well as general development of economy is expected to occur due to this highway development. This amount cannot be directly quantified. However, this is taken as (250 days/year x 50 nos x 500 INR) Rs. Rs. 62,50,000
5	Economic benefits due to Compensatory afforestation	Benefits from such compensatory afforestation accruing over next 50 years monetised and discounted to the present value should be included as benefits of compensatory afforestation.*For benefits of CA the guideline of the Ministry for NPV estimation may be consulted.	₹ 25,00,000.00	The Benefits from compensatory afforestation accruing over next 50 years will result into yield of a large volume of timbers, fruits and enviornmental growth. However, these benefits cannot be exactly calculated. The approx amount will be Rs. 25 Lakhs
		Total	₹ 16,27,50,000.00	
			COST	BENEFIT
			₹ 5,31,68,477.00	₹ 16,27,50,000.00
		COST BENEFIT RATIO	1	3.06



Name of Project: Rehabilitation and Up-gradation to 2-lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing Chainage km 0+000 to km 69+015 (Design Chainage km 0+000 to km 62+200) (Package-1, 2, 3 & 4) in the state of Mizoram under Bharatmala Pariyojana on EPC mode

Calculation of Net Present Value

SI.No.	Area of forest land proposed to be diverted (Ha)	27.85002	Remarks
1	Eco-Class of the forest land to be diverted	Class-I	Assuming dense forest
2	Vegetation Density (As per DFO's report)	0.5-0.6	Assumed
3	Rate per eco-class of the forest area	₹ 9,39,000	
4	Resultant cost of Net Present Value	₹ 2,61,51,171	

The total forest area to be diverted 27.85002 Ha NPV of the forest area to be diverted Rs. 9,39,000 X 27.850022 Ha

NPV ₹ 2,61,51,171



ANALYSIS OF PER HA RATE FOR VARIOUS WORK ITEMS UNDER COMPENSATORY AFFORESTATION TO BE TAKEN UP UNDER FOREST (CONSERVATION) ACT, 1980

Rs 270/- per manday

(1100 plants per ha)

S1. No	Item of work	Manday required (in No.)	Labour Component (in Rs)	Material Component (in Rs)	Cost/Ha (in Rs)
1	2	3	4	5	6
1	Advance works including nursery				
	(a) Survey and demarcation including mapping	3	810		810
	(b) Area preparation by cutting grasses & shrubs	20	5400		5400
	(c) Fire line cutting, burning and maintenance	6	1620		1620
	(d) Clearance of site for nursery, preparation of nursery bed, filling of poly-bags, manuring, shed erection	20	5400		5400
	(e) Cost of seeds, poly-bags, implements etc	0		1890	1890
	(f) Treatment and sowing of seeds	5	1350		1350
	(g) Weeding & watering	11	2970		2970
	Sub Total	65	17550	1890	19440
2	Creation of plantation				
	a) Site preparation, alignment, preparation of stakes, digging of pits, preparation of planting materials, carriage to planting site, planting/sowing, construction of camp shed, inspection path, signboard and other misc. works	25	6750		6750
	(b) Weeding 3 times including vacancy filling and watch & ward	67	18090		18090
	(c) Fire protection measures like fire line cutting, engagement of fire watchers	3	810		810
	Sub Total	95	25650		25650
3	Maintenance of Plantation				
	(a) Weeding 3 times + vacancy filling (10+9+5)	24	6480		6480
	(b) Fire protection measures	3	810		810
	Sub Total	27	7290		7290
	(ii) Maintenance after 2 years				
	(a) Weeding 2 times (10+5)	15	4050		4050
	(b) Fire protection measures	3	810		810
	Add 25% for anticipated revision of wage rate				1215
	Sub Total				6075

S1. No	Item of work	Manday required (in No.)	Labour Component (in Rs)	Material Component (in Rs)	Cost/Ha (in Rs)
	(iii) Maintenance after 3 years		-		
	(a) Weeding 2 times (8+5)	13	3510		3510
	(b) Fire protection measures	3	810		810
	Add 25% for anticipated revision of wage rate				1080
	Sub Total				5400
	(iv) Maintenance after 4 years		T	.	
	(a) Weeding 2 times (8+5)	13	3510		3510
	(b) Fire protection measures	3	810		810
	Add 50% for anticipated revision of wage rate				2160
	Sub Total				6480
	(v) Maintenance after 5 years				
	(a) Weeding/tending	12	3240		3240
	(b) Fire protection measures	2	540		540
	Add 50% for anticipated revision of wage rate				1890
	Sub Total				5670
	(vi) Maintenance after 6 years				33.3
	(a) Weeding/tending	12	3240		3240
	(b) Fire protection measures	2	540		540
	Add 75% for anticipated revision of wage rate				2835
	Sub Total				6615
	(vii) Maintenance after 7 years				
	(a) Weeding/tending	10	2700		2700
	(b) Fire protection measures	2	540		540
	Add 75% for anticipated revision of wage rate				2430
	Sub Total				5670
	(viii) Maintenance after 8 years		T	.	
	(a) Weeding/tending	10	2700		2700
	(b) Fire protection measures	2	540		540
	Add 100% for anticipated revision of wage rate				3240
	Sub Total				6480
	Total of Plantation Cost	289		1890	94770
4	Soil & Moisture Conservation measures including construction of check dams, gully plugging, contour trenching, water harvesting structures etc. whatever necessary within the project area (15% of				14120
5	Fencing (5% of plantation cost)				4738
6	Monitoring & Evaluation (2% of plantation				1895
7	Overheads (10% of plantation cost)				9477
	Grand Total :				125000

Package-I

Calculation of Net Present Value for Widening and Upgradation of NH-54 with geometric Improvements from km 8.00 – km 125.00, Mizoram

SI.No	Area of forcet	
	Area of forest land proposed to be diverted	11.61 ha
	cco-class of the forest land to be diverted	Class-I
2.	Vegetation Density (As per DFO Aizawl Forest Division report at Item No. 6 of Part-II of Form-A of FC Clearance	Canopy Density - 0.4 Dense Forest
3.	Rate per eco-class of the forest area	Rs. 9,39,000.00
4.	Resultant cost of Net Present Value	Rs. 10901790.00

Package-II

Calculation of Net Present Value for Widening and Upgradation of NH-54 with geometric Improvements from km 125.00 – km 250.00, Mizoram

SI.No	Area of forest land proposed to be diverted	0.48 ha
1.	Eco-class of the forest land to be diverted	Class-I
2.	Vegetation Density (As per DFO Lunglei Forest Division report at Item No. 6 of Part-II of Form-A of FC Clearance	Canopy Density - 0.7 Dense Forest
3.	Rate per eco-class of the forest area	Rs. 9,39,000.00
4.	Resultant cost of Net Present Value	Rs. 450720.00

Package-III

Calculation of Net Present Value for Widening and Upgradation of NH-54 with geometric Improvements from km 250.00 – km 380.00, Mizoram

SI.No	Area of forest land proposed to be diverted	(4.81+ 6.37)= 11.18 ha
1.	Eco-class of the forest land to be diverted	Class-I
2.	Vegetation Density (As per DCCF, MADC & LADC) report at Item No. 6 of Part-II of Form-A of FC Clearance	Canopy Density – (0.5 & 0.6) Dense Forest
3.	Rate per eco-class of the forest area	Rs. 9,39,000.00
4.	Resultant cost of Net Present Value	(4516590 + 5981430) = Rs. 10498020.00

Total amount of NPV payable (Package I, II & III) = Rs. 21850530.00 (Two hundred eighteen lakh fifty thousand five hundred and thirty only)

(LIANDAWLA)

Addl. Principal Chief Conservator of Forests & Nodal Officer (FCA)

GOVERNMENT OF MIZORAM



OFFICE OF THE DIVISIONAL FOREST OFFICER

CHAMPHAI FOREST DIVISION CHAMPHAI MIZORAM

No.D.11012/1/2008-FDC/ 44/

Dated Champhai, the 9th December, 2020

To,

Shri Adil Singh

General Manager (Projects)

National Highways and Infrastructure Development Corporation Ltd

PMU-Seling

Mizoram

Email- pmu.seling@nhidcl.com and nhidcl.aizawl@gmail.com

Subj:

Rehabilitation and upgradation to 2-lane with paved shoulder of Seling-Dulte Sector (Economic Corridor) from existing km 0.00 to km 69.015 (Design Chainage km 0.0 to km 62.2000) (Package 1,2,3&4) of NH-6 in the State of Mizoram under Bharatmala Pariyojna on EPC Mode- Request

for Identification of forest areas along project alignment-reg.

Sir,

In inviting a reference to your letter No.E-190100)NHIDCL/PMU-Seling/Seling-Dulte/2020/FC/350 Dt 16.11.2020 on the subject above, I am sending herewith forest areas along project alignment in prescribed format as under:

SI/ No.	Village	Start chainage	End chainage	Length (m)	Area (sqm)	Start Geo- coordinates	End Geo- coordinate
1	2	3	4	5	6	7	8
1	Tuivawl RRF Dulte	49.132	54.960	4828	67289.891	23° 38′ 42.80″N 93° 01′ 59.18″E	

(R.LALRUATFELA)ACF

forDivisional Forest Officer Champhai Forest Division

Champhai; Mizoram

Memo No.D.11012/1/2008-FDC/

9th December,2020 Dated Champhai, the

Copy to: Range Officer, Kawlkulh Forest Range for information. This has a reference to his report vide No.C.14011/13/2020-FRKK/96 Dt 30.11.2020.

> **Divisional Forest Officer** Champhai Forest Division Champhai; Mizoram

10/3/22



GOVERNMENT OF MIZORAM LAND REVENUE & SETTLEMENT DEPARTMENT

Secretariat Building No.2, 1st Floor, New Capital Complex. email: <u>Mizoram.revenue@gmail.com</u>

Dated Aizawl, the 9th March, 2022.

NOTIFICATION

No. K. 12011/59/2020-REV: Whereas an area of 27.850022 Hectares within the Forest Reserve areas has been utilized for non-forest purpose of rehabilitation and upgradation to 2 lane of Seling-Dulte section of NH-6 and the area so diverted has to be compensated from non-forest land within the State of Mizoram as provided under the Forest (Conservation) Act, 1980.

Now, therefore, the Government of Mizoram is pleased to mutate the area of 29.080 Hectares of land specified below out of the land bank notified in lieu of the area diverted for rehabilitation and upgradation to 2 lane of Seling-Dulte within Forest Reserve areas with immediate effect.

Location & Name of Village	District	Area in Ha.	Map of Site Plan
Khawbel	Serchhip	29.080	As shown in Annexure

	Description of Boundary							
Grid Co	Grid Co – ordinates							
Easting	Northing	pillar	pillar from North					
496199.949	2595023.173							
496236.873	2595223.679	10°	26'	04"				
496260.135	2595417.694	60	50'	13"				
496342.564	2595623.613	210	48'	58"				
496373.961	2595669.174	340	34'	17"				
496622.116	2595493.998	125°	13'	08"				
496721.734	2595499.507	86°	50'	05"				
496574.004	2594722.694	190°	46'	03"				
496383.790	2594925.465	316°	49'	49"				
496199.949	2595023.173	297º	59'	23"				

Sd/-VANLALNGAIHSAKASecretary to Government of Mizoram.

Memo No. K. 15011/59/2010-REV Copy to:-

Dated Aizawl, the 9th March, 2022.

- 1. P.S. to Minister, Land Revenue & Settlement Department.
- 2. Sr PPS to Chief Secretary, Government of Mizoram.
- 3. P.S. to Secretary, Land Revenue & Settlement Department.
- 4. P.S. to Secretary, EF & CC Department
- 5. District Collector, Saitual District.
- 6. Director, Land Revenue & Settlement.
- 7. The Controller, Printing & Stationery, Mizoram with soft copy for publication in the Mizoram Gazette.
- 8. Settlement Officer, Land Revenue & Settlement, Serchhip District.
- 9 General Manager (LA & Coord) NHIDCL, Tuikhuahtlang, Aizawl.

10. Guard file.

(ZOHMINGTHANGA)

Under Secretary to the Govt. of Mizoram,

REGISTRATION NO.: SITE PLAN OF LEASE of Survey: 03.01.2022 Projection: UTM ZONE 46N :PRINCIPAL SECRETARY Name of Leasee Environment & Forest and Datum : WGS 84 Climate Change. Govt.of Mizoram Purpose of Land :C.A. Seling - Dulte Sheet No.: F 46 C15 :PCCF.Tuikhuahtlang,Aizawl Present Address Location Descpt. :Khawbel Plot No. : 034 Village :Khawbel District : Serchhip District : 290808.756 Sqm 29.080Ha Area Grade :1 Scale 1:6,000 Khawbel.Maite,Hmuntha ramrikawn Accepted By Maite Village Council Area Nullah Jnc Ramri lui >>> Sd/-PRINCIPAL SECRETARY E&F& CLIMATE CHANGE GOVT. OF MIZORAM Issued By Ram awih chhia Tleu Tlangchhip Ram awih chhia 2 Rawngal kawn Surveyed By (JRing 9/2/2022 Rawngal kawn -2 (LALTHAKIMA) Surveyor HISTORY: He ram hi Compensatory Aforestation for Seling - Dulte Road atan, Land Revenue & Settlement Govt. Land Bank, Khawbel ramchhung atanga lak then ani. Mizoram: Aizawl Checked By Contersigned By Approved By Surveyor Asst. Director of Survey Land Revenue & Settlement Director Land Revenue & Settlement Land Revenue & Settlement Mizoram: Aizawl Mizoram : Aizawl Mizoram : Aizawl

HOU

Table Overleaf

TABLE OF C.A. for SELING TO DULTE ROAF

Boundary Pillar No.	Grid Co-ordinates		Grid Bearing of forward	Horizontal	Horizontal	
	Easting	Northing	Pillar from North	Distance	Distance	Types of Pillar
1	496 199, 949	2595 023, 173		-		- 100 (CONT.)
2	496 236, 873	2595 223, 679	10° 26' 04"	220.00	000.00	Stone
3	496 260. 135	2595 417, 694	6° 50' 13"	210.00	203.88	Stone
4	496 342. 564	2595 623, 613	21° 48' 58"	11.30	195.41	Stone
5	496 373. 961	2595 669, 174	34° 34' 17"		221.80	Stone
6	496 622. 116	2595 493, 998	125° 13' 08"	6.30	55.33	Stone
7	496 721.734	2595 499, 507	86° 50' 05"	20.70	303.76	Stone
8	496 574.004	2594 722.694	190° 46' 03"	2.00	99.77	Stone
9	496 383, 790	2594 925, 465	316° 49' 49"	15.20	790.74	Stone
1	496 199, 949	2595 023. 173		0.80	278.02	Storie
		2000 020. 170	297° 59' 23"	11.10	208.19	Stone

Drawn & Computed by

(C. LALNUNNEMA) Surveyor

Land Revenue & Settlement

Mizoram : Aizawl

Checked by Countersigned by Approved by

Serveyor - I Limit Fevenue & Settlement Mizorani c Alzawl

(ROSIAMLIANA)
Assistant Director of Survey
Land Revenue & Settlement
Mizoram : Aizawl

सङ्क परिवहन और राजमार्ग मंत्रालय, भारत सरकार परियोजना प्रबंधन एकक- सेतिंग, ती/ओ टुरिस्ट लॉज, ठिंग्सुन्धितयह, आङ्जोल, मिज़ोरम- ७९६१६१

फोत: 0389-2950166, ईमेत: pmu.seling@nhidcl.com National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit- Seling, C/o Tourist Lodge, Thingsulthliah, Aizawl, Mizoram- 796161 Phone: 0389-2950166, Email: pmu.seling@nhidcl.com

(भारत सरकार का उद्यम)





(A Government of India Enterprise)

Dated: 30.06.2022

NHIDCL/PMU-Seling/2021-22/NH-6/S-D/FC/210

UNDERTAKING BY USER AGENCY (NHIDCL)

For Tree extraction & Avenue Plantation

National Highways & Infrastructure Development Corporation Limited, is liable to pay for the tree extraction & avenue plantation as per the demand note to be issued by the Forest Department. while processing the proposal if there may be any increase in the tree extraction & avenue plantation value decided by the Forest Department, NHIDCL is ready to pay the amount.

For additional amount for tree extraction & avenue plantation

NHIDCL do hereby undertake to bear the cost of additional amount for the tree extraction & avenue plantation of the the diverted forest land measuring 27.850022 Ha in Aizawl, Saitual & Khawzawl district, if any becoming due after finalizing/ revision of the same by Hon'ble Supreme Court of India.

(S.G. Dwivedy)
General Manager(P)
PMU-Seling, NHIDCL

व राजगार्ग एवं अवसंरचना विकास निगम लिमिटेड

्कं परिवहन और राजमार्ग मंत्रालय, मारत सरकार औरवोजन प्रवंधन एककः सेतिंग, ती/अं दुरिस्ट बॉज, ठिंग्सुन्धिनवाह, आइजोत, मिज़ंरमः ४९६१६१ कोन: 0389-2950166, ईनेन: pmu.seling@nhidcl.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit- Seling, C/o Tourist Lodge, Thingsulthliah, Aizawl, Mizoram-796161 Phone: 0389-2950166, Email: pmu.seling@nhidcl.com

(भारत सरकार का उदाग)



ROAD TO PROSPERITY



(A Government of India Enterprise)

Dated 18.01.2021

NHIDCL/PMU-Seling/Seling-Dulte/FC/2020/ 424

UNDERTAKING BY USER AGENCY (NHIDCL)

For Compensatory Afforestation Value

National Highways & Infrastructure Development Corporation Limited, is liable to pay the Compensatory Afforestation Value as per the demand note to be issued by Forest Department. While processing the proposal, if there may any increase in Compensatory Afforestation Value decided by the Forest Department, NHIDCL is ready to pay the amount.

For Additional amount of the Compensatory Afforestation Value

NHIDCL do hereby undertake to bear the cost of additional amount of Compensatory Afforestation Value of the diverted forest land measuring the 27.850022 Ha in Aizawl, Saitual & Khawzawl district, if any becoming due after finalizing/ revision of the same by Hon'ble Supreme Court of India.

(Adil Singh)

General Manager (Projects)

NHIDCL, PMU-Seling, Mizoram

संदेक परिवहन और शाजमार्ग मेंत्रालंग, भारत सरकार परिजंबन प्रथम प्रकल-संतिम, संप्रो हुरिस संत, क्षिपुल्यिकाह, आइजीत, मिलास-१९६१६१ वर्षेत, 0389-2950186, ईमेन:pmu.seing@nhidel.com

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

Project Management Unit- Seling, C/o Tourist Lodge, Thingsulthiah, Aizawi, Mizoram-796161

Phone: 0389-2950166. Email: pmu.seling@nhidcl.com

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BHARATMALA

SOAD TO PROSPERITY



(A Greenmount of tasks Entargriss)

NHIDCL/PMU-Seling/Seling-Dulte/2020/ 398

Dated 29.12.2020

UNDERTAKING BY USER AGENCY (NHIDCL)

For Net Present Value

National Highways & Infrastructure Development Corporation Limited, is liable to pay the Net Present Value cost as per the demand note to be issued by Government. While processing the proposal, if there is any increase in Net Present Value cost decided by the Government, NHIDCL is ready to pay the increased amount.

For Additional amount of the Net Present Value

NHIDCL do hereby undertake to bear the cost of additional amount of Net Present Value of the diverted forest land measuring the 27.850022 Ha in Aizawl, Saitual & Khawzawl district, if any becoming due after finalizing/ revision of the same by Hon'ble Supreme Court of India.

ADIL SINGH Digitally signed by ADIL SINGH Date: 2020.12.29 16:58:54 +05'30'

(Adil Singh)

General Manager (Projects)

NHIDCL, PMU-Seling, Mizoram

ADIL SINGH General Manager (P) PMU-Seling NHIDCL