



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

परियोजना कार्यान्वयन इकाई/Project Implementation Unit

कमला भवन, हनुमन्त पुरम्, निकट त्रिपुला चौराहा, रायबरेली-229001 (उप्र)

Kamla Bhawan, Hanumant Puram, Near Tripula Chauraha, Raebareli - 229001 (U.P.)

दूरभाष/Phone : 0535-2975212

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NHAI/ PIU-Rbly / Ayodhya Ring Road / Forest / 2023 / 26612

Date: 21.02.2023

To,
The Divisional Forest Officer,
Ayodhya Forest Division,
Ayodhya, Uttar Pradesh

To,
The Divisional Forest Officer,
Gonda Forest Division,
Gonda, Uttar Pradesh

Sub: Diversion of Protected Forest land under Forest (Conservation) Act, 1980 for "Development of 4/6 Lane Ayodhya Bypass (Northern and Southern Bypass) with total length of 67.572 kms under NHDP Phase-VII under forest division and district Faizabad (Ayodhya), Basti and Gonda in the State of Uttar Pradesh".

–Compliance of the EDS raised on PARIVESH Portal.

Ref: 1. Forest Proposal No-FP/UP/ROAD/151936/2022
2. IRO, MoEF&CC, Lucknow letter no-8B/UP/06/303/2022/FC dated 12.12.2022

Sir,

A Forest diversion proposal (FP/UP/ROAD/151936/2022) was uploaded on PARIVESH portal on 02.02.2022, on which EDS was raised by IRO, MoEF&CC, Lucknow. The Point-wise compliance to the EDS is provided below for your reference and further processing of the proposal.

Sl. No.	EDS Observation	Compliance / Reply
1	As per Geo-referenced map and SOI toposheet it seems that, incomplete .kml file of the area proposed for diversion has been uploaded on the PARIVESH Portal. According to the uploaded .kml file, the area proposed for diversion is 0.31 ha, which is not matching with the proposal area. This needs rectification.	The proposed area for diversion is 2.48 ha (1.586 ha under Ayodhya Forest Division, 0.513 ha under Basti Forest Division and 0.381 ha under Gonda Forest Division). Revised KML file has been uploaded on PARIVESH portal.
2	As per the proposal, the CA land of Ayodhya district is proposed in the Bakchuna RF, but according to the DSS, the proposed CA land falls outside the RF area. As per the Google earth imageries dated 09-03-2022, agriculture activity has also been observed on that CA site. This needs clarification/rectification.	CA land has been provided at other location in Bakchuna RF, Kumarganj Range by DFO, Ayodhya. Revised details of CA land shall be uploaded by DFO, Ayodhya.
3	As per the PARIVESH Portal, the uploaded SOI toposheet of the proposed area for diversion and CA land area is not clearly visible. This needs to be re-uploaded with high-dpi.	A high-resolution SOI Topo-sheet map of proposed area for diversion has been uploaded on PARIVESH portal. The clearly visible SOI Toposheet map of CA area shall be uploaded by concerned DFOs.

4	As per the PARIVESH Portal, the uploaded Geo-referenced map of the proposed CA land of Gonda range is not clearly visible. This needs to be re-uploaded with high-dpi.	The clearly visible Geo-referenced map of proposed CA area shall be uploaded by DFO, Gonda.
5	The NET suitable area for plantation as per GIS-DSS analysis is 5.43 ha. The proposed CA land of the Tikeri Range of 1.50 ha is not suitable for plantation due to dense forest cover.	CA land has been provided at Ramgarh Compartment No-7 in Tikri RF by DFO, Gonda. Revised details of CA land shall be uploaded by DFO, Gonda.
6	Detailed muck calculation and muck disposal scheme as approved by concerned DFOs of respective division needs to be submitted.	The proposed alignment is greenfield and entirely located in plain area having no scope of tunnelling, hill cutting/deep excavation. Hence, no muck will be generated due to development of proposed road. However, some construction debris are likely to be generated which will be utilized for levelling, making approach road, haul road, worker compound/construction yard etc. in the project work itself and no disposal of muck is required. Therefore, no muck disposal plan is required. A Certificate for the same as approved by concerned DFOs is enclosed as Annexure I .
7	Plantation scheme for roadside plantation needs to be submitted.	Roadside plantation of approx. 52000 trees and shrubs (7000 trees as Avenue Plantation and 45000 shrubs as Median Planation) will be carried out as per availability of space within RoW in consultation with State Forest Department. Scheme for roadside plantation shall be submitted during construction stage by the Contractor.
8	NOC from concerned department (like Railway etc.) needs to be submitted.	The proposed project involves 4 ROBs. The approval of GADs from Chief Bridge Engineer, Railways is enclosed as Annexure II .

Thanking you

hms 21.2.23

(S. B. Singh)

GM (Tech) / Project Director

CERTIFICATE FOR MUCK DISPOSAL PLAN

The proposal is for **Diversion of 2.480 ha Forest land for the project "Development of 4/6 Lane Ayodhya Bypass (Northern and Southern Bypass) with total length of 67.572 kms under NHDP Phase-VII under forest division and district Faizabad (Ayodhya), Basti and Gonda in the State of Uttar Pradesh)".**

This is certified that the proposed alignment is greenfield and entirely located in plain area having no scope of tunnelling, hill cutting/deep excavation and accordingly, no muck will be generated due to development of proposed road. However, some construction debris are likely to be generated which will be utilised (like levelling, making approach road, haul road, worker compound/construction yard etc.) in the project work and no disposal is required. Hence, no muck disposal plan is required.

Disposal / Management Plan as per MoEF&CC

While preparing FCA Case, if there is any activity in the project which involves digging of land, muck disposal / management plan has to be prepared which should include:

1. Calculation of muck to be generated, self factor has to be applied.

Not Applicable

2. Quantity of muck to be utilised in the project activities.

Not Applicable

3. Balance Quantity of muck which requires disposal/management plan.

Not Applicable

4. Carriage of muck from the muck generation site including site.

Not Applicable

5. Ownership of land and the consent of Landowner in case muck disposal on non-forest land.

Not Applicable

6. Photographs & carrying capacity of proposed muck dumping site.

Not Applicable

7. Development of dumping site, construction of retaining walls and others structures as per requirement of the site. The objective is to completely stop running down of muck.

Not Applicable

8. Rehabilitation of dumping site like levelling, planting of grass, shrubs and tree species.

Not Applicable

प्रतिहस्ताक्षरित

 प्रभागीय वनोपकारि
 वन प्रभाग, अयोध्या

mso
 पारियोजना निदेशक
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
 (मकक परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
 परियोजना कार्यान्वयन इकाई
 रायबरेली

For levelling / Construction of approach road, haul road, worker compound, construction yard etc, following details will be provided:

1. Cost to be incurred will be given component wise.
2. Details of dumping site, if any, including length, width and height of structures to be excavated will be mentioned.

Undertaking by the User Agency

1. Muck Disposal / Management plan, if any, will be implemented and in case of no implementation of the plan, User Agency will be liable to penalty at their cost.
2. The proposed dumping site, if any, will be located away from river/stream/nala.

Date: 13 September 2022

Place: Raebareli

hnc

Project Director

PIU-Raebareli, NHAI

प्रतिहस्ताक्षरित

अधीकारी
प्रभाग, अयोध्या

पारियोजना निदेशक
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत, सरकार)
परियोजना कार्यान्वयन इकाई
रायबरेली

राज्य सरकार
अयोध्या

अधीकारी

राज्य सरकार
अयोध्या

CERTIFICATE FOR MUCK DISPOSAL PLAN

The proposal is for **Diversion of 2.480 ha Forest land for the project "Development of 4/6 Lane Ayodhya Bypass (Northern and Southern Bypass) with total length of 67.572 kms under NHDP Phase-VII under forest division and district Faizabad (Ayodhya), Basti and Gonda in the State of Uttar Pradesh)".**

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Disposal / Management Plan as per MoEF&CC

While preparing FCA Case, if there is any activity in the project which involves digging of land, muck disposal / management plan has to be prepared which should include:

1. Calculation of muck to be generated, self factor has to be applied.

Not Applicable

2. Quantity of muck to be utilised in the project activities.

Not Applicable

3. Balance Quantity of muck which requires disposal/management plan.

Not Applicable

4. Carriage of muck from the muck generation site including site.

Not Applicable

5. Ownership of land and the consent of Landowner in case muck disposal on non-forest land.

Not Applicable

6. Photographs & carrying capacity of proposed muck dumping site.

Not Applicable

7. Development of dumping site, construction of retaining walls and others structures as per requirement of the site. The objective is to completely stop running down of muck.

Not Applicable

8. Rehabilitation of dumping site like levelling, planting of grass, shrubs and tree species.

Not Applicable

प्रतिष्ठित
प्रशासकीय निदेशक
भा. वन प्रभाग, बस्ती

परियोजना निदेशक
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
परियोजना कार्यान्वयन इकाई
रायबरेली

For levelling / Construction of approach road, haul road, worker compound, construction yard etc, following details will be provided:

1. Cost to be incurred will be given component wise.
2. Details of dumping site, if any, including length, width and height of structures to be excavated will be mentioned.

Undertaking by the User Agency

1. Muck Disposal / Management plan, if any, will be implemented and in case of no implementation of the plan, User Agency will be liable to penalty at their cost.
2. The proposed dumping site, if any, will be located away from river/stream/nala.

Date: 13 September 2022

Place: Raebareli

प्रतिष्ठितकारित
प्रभागीय निदेशक
वा० वन प्रभाग, बस्ती

hnc

Project Director
PIU-Raebareli, NHAI

परियोजना निदेशक
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
परियोजना कार्यान्वयन इकाई
रायबरेली

1. Ownership of land and the consent of landowner in case muck disposal on non-forest land	Not Applicable
2. Photographs & carrying capacity of proposed muck dumping site	Not Applicable
3. Development of dumping site, construction of retaining walls and other structures as per requirement of the site. The objective is to completely stop running down of muck.	Not Applicable
4. Rehabilitation of dumping site like levelling, grading of grass, shrubs and tree species.	Not Applicable
5. Quantity of muck which requires disposal/management plan	Not Applicable
6. Cause of muck from the muck generation site including	Not Applicable
7. Balance	Not Applicable
8. Muck to be generated	Not Applicable

प्रतिष्ठितकारित
प्रभागीय निदेशक
वा० वन प्रभाग, बस्ती

प्रतिष्ठितकारित
प्रभागीय निदेशक
वा० वन प्रभाग, बस्ती

CERTIFICATE FOR MUCK DISPOSAL PLAN

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Disposal / Management Plan as per MoEF&CC

While preparing FCA Case, if there is any activity in the project which involves digging of land, muck disposal / management plan has to be prepared which should include:

1. Calculation of muck to be generated, self factor has to be applied.

Not Applicable

2. Quantity of muck to be utilised in the project activities.

Not Applicable

3. Balance Quantity of muck which requires disposal/management plan.

Not Applicable

4. Carriage of muck from the muck generation site including site.

Not Applicable

5. Ownership of land and the consent of Landowner in case muck disposal on non-forest land.

Not Applicable

6. Photographs & carrying capacity of proposed muck dumping site.

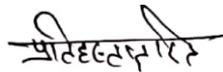
Not Applicable

7. Development of dumping site, construction of retaining walls and others structures as per requirement of the site. The objective is to completely stop running down of muck.

Not Applicable

8. Rehabilitation of dumping site like levelling, planting of grass, shrubs and tree species.

Not Applicable


प्रमाणित प्रमाधिकारी
गोण्डा वन प्रभाग
गोण्डा (उ०प्र०)


परियोजना निदेशक
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत, सरकार)
परियोजना कार्यान्वयन इकाई
रायबरेली

For levelling / Construction of approach road, haul road, worker compound, construction yard etc, following details will be provided:

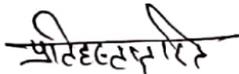
1. Cost to be incurred will be given component wise.
2. Details of dumping site, if any, including length, width and height of structures to be excavated will be mentioned.

Undertaking by the User Agency

1. Muck Disposal / Management plan, if any, will be implemented and in case of no implementation of the plan, User Agency will be liable to penalty at their cost.
2. The proposed dumping site, if any, will be located away from river/stream/nala.

Date: 13 September 2022

Place: Raebareli


प्रतिनिधि

प्रमाणिक प्रमाणिकारी
गोण्डा बन प्रभाग
गोण्डा (उप्रप्र०)


Project Director
PIU-Raebareli, NHA
पारियोजना निदेशक
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत, सरकार)
परियोजना कार्यान्वयन इकाई
रायबरेली

Complete Status Report for Proposal No.: NRLKO0041

Proposal Details

Proposal ID NRLKO0041 Proposal Date 06/01/2022
Name of Work : 4/6 Lane Ayodhya Bypass Total length of 67.572 kms (Northern Ayodhya Bypass starting at km 112+540, ending at km 139+928 of NH - 28 and Southern Ayodhya Bypass starting at km 112+540, ending at km 15)

Sponsoring Organization Details

Organisation/Department NHAI PIU/Unit
 Contact Person Name SAMAR BAHADUR SINGH Designation Project Director
 Fax No. Phone No. 0535-2702526
 Mobile No 9997870088 e-mail pdpiuraiebareilly@nhai.org
 Postal Address 784 Vishnu nagar, Opposite satyam hospital, Pin Code: 229001
 State Uttar Pradesh District Ayodhya

Proposed Road Over Bridge/Road Under Bridge/Limited Height Subway Location Details

Proposal for ROB
 Road New Category of Road Class I- National Highways
 Name of Road Ayodhya Bypass Package 2 Location/Chainage on the Road 13 km 141 m
 Villages/Towns on Either Side ayodhya Nearest City/Town ayodhya
 Zonal Railway Northern Railway Railway Division Lucknow
 Between Railway Stations Faizabad & MASODHA Major Railway Section Faizabad-Sultanpur
 Location (on Railway Line) 5 km 991 m TP No. of Lane(s) 6
 Width of Road 33.6 m Skew Angle (wrt. normal to track) 12
 Proposed Road Over Bridge/Road Under Bridge/Limited Height Subway in lieu of any existing LC No

Existing LC Details

LC No. Class of LC
 Location of LC km m Average no. of trains per day
 TVU TVU year

Conceptual Plan/Sketch [DESIGN CH.13+141.pdf](#)

Conceptual Plan/Sketch [DESIGN~3.PDF](#)

Joint Site Inspection

Joint Site Inspection Date Proposed as 26/01/2022 Joint Site Inspection Date Confirm/Revised as 26/01/2022
 Actual Date of Joint Site Inspection Done 26/01/2022

Name (Designation)

Sponsoring Organization: NHAI YOGESH TILAK (MANAGER NHAI)

Railway Officials at Joint Site Inspection ↓

Engineering Rahul Jawerewal (ADEN-II/SLN)

Joint Feasibility Report

Track Details ▶

Gauge BG Route FD-SLN-CIL-PBH-PFM-PRG-ALD
 No. of Existing Tracks 1 No. of Proposed/Future Tracks 2

Clearance Required With Respect to Rail Level ▶

Height Above Rail Level 7775 mm
 Lateral Clearance (Left) mm
 From Centre of Nearest Track Lateral Clearance (Right) mm
 From Centre of Nearest Track

Feasibility of Construction ▶

Road Over Bridge (ROB) Feasible Road Under Bridge (RUB) Not Feasible
 Limited Height Subway (LHS) Not Feasible

Proposed Rail Over Bridge/Rail Under Bridge/Limited Height Subway Location Details ▶

District/State Ayodhya / Uttar Pradesh Division/Railway Lucknow / Northern Railway
 Between Railway Stations Faizabad & MASODHA Major Railway Section Faizabad-Sultanpur
 Location (on Railway Line) (km m / TP) 6 km 67 m / No of lane(s) 6
 Width of road 33.6 Skew angle (wrt. normal to) 12

track)

Existing LC data (If applicable) ▶

LC No.		Class of LC	
Location of LC	km m	Average no. of Trains per day	
TVU / Year of TVU	/	LC Will be closed or not	

Any Level Crossing to be closed in lieu of Road Over Bridge/Road Under Bridge/Limited Height Subway No**Traffic Diversion ▶**

Whether required or not	No		
Through Temporary Diversion	No	Through Temporary LC	No
Whether FOB is required to close LC	No	Whether additional RUB is required to close LC	No

Utility Shifting ▶

OHE	No	Cables (S&T, DOT, OFC)	No
Cables (Electricals)	No	Pipe Lines (Water, Severe)	No
Structures/Equipment	No	Any Other	

Note:- Utility shifting charges to be included in detailed estimate after approval of GAD.

Railway & Other Land Details ▶

Width of Railway land on Left Hand Side from centre of nearest track	26 m	Width of Railway land on Right Hand Side from centre of nearest track	19.5 m
Centre to Centre distances among tracks	m		
Availability of land outside railway on Left Hand Side	min m max m	Availability of land outside railway on Right Hand Side	min m max m
Details of Encroachment if any			
Approach Gradient Left Hand Side (1 in_)		Approach Gradient Right Hand Side (1 in_)	

Span Arrangement for ROB in Railway Portion ▶

No of Spans in Railway Portion	1		
Span arrangement in Railway Land	60m(0 deg; STEEL)		
		Note:- From left to right facing in the direction of increasing railway chainage.	
Length of viaduct/span on Left Hand side outside railway		Length of viaduct/span on Right Hand side outside railway	

No. of GADs applicable for this proposal	1
Issue if any to be resolved	No

Signing of Joint Feasibility Report ▶

Is Joint Feasibility Report signed by Sr.DEN/DEN?	Yes
Is Joint Feasibility Report signed by Sponsoring Organisation?	Yes

Remark by Sr.DEN/DEN joined feasibility report is signed ADEN-II/SLN, Site Engineer (NHAI). SSE/PW/SLN, SSE/W/SLN, SR.DEN-IV, ADRM/INFRA

Conceptual Plan/Sketch ▶

Conceptual Plan/Skech	rob fd-msod.pdf
Conceptual Plan/Skech	Conceptual Profile Design Ch.13+141 (2).pdf
Site Photo	WhatsApp Image 2022-04-04 at 11.32.30.jpeg
Site Photo	WhatsApp Image 2022-04-04 at 11.30.33.jpeg

Span Arrangement for ROB in Railway Portion By CBE**Span Arrangement for ROB in Railway Portion By CBE ▶**

No of Spans in Railway Portion	1
Span arrangement in Railway Land	60m(0 deg; STEEL)
	Note:- From left to right facing in the direction of increasing railway chainage.
Length of viaduct/span on Left Hand side outside railway	Length of viaduct/span on Right Hand side outside railway
No. of GADs applicable for this proposal	1

Sponsoring Organisation to deposit way-leave charges to Railways as Rs. 12,000/- per annum for 10 years in advance i.e. Rs. 1,20,000/-

Conceptual Plan/Sketch ▶

Conceptual Plan/Sketch [rob fd-msod.pdf](#)

Conceptual Plan/Sketch [Conceptual Profile Design Ch.13+141 \(2\).pdf](#)

Site Photo [WhatsApp Image 2022-04-04 at 11.32.30.jpeg](#)

Site Photo [WhatsApp Image 2022-04-04 at 11.30.33.jpeg](#)

Submission of GAD, MoU, etc

View GAD, Mou, Compliance of Checklist etc ▶

Date of depositing hard copy of GAD, MoU, Compliance of Checklist etc in CBE's office 06/05/2022

Uplad Overall GAD for Approval [DESIGN CH 13+141 ROB FAIZABAD JUNCTION TO MASAUDHA.pdf](#)

Upload Signed Copy of MoU [MOU Dt 27.07.2018.pdf](#)

Upload Compliance of Checklist [ROB CHECK LIST.pdf](#)

Document Verification By CBE

Whether Satisfied with the submitted document Yes Remark GAD sent to Division for signature.

Signing of GAD, etc by Divisional Officers

Date of Examination of GAD by Drawing Office of Sr.DEN/IV 26/07/2022

Date of Signing by Electrical/TRD 26/07/2022

Date of Signing by S&T 26/07/2022

Signed & Forwarded to CBE vide letter no. & date LKO/ENGG/DRG/ROB/2022/113 26/07/2022 Remark GAD approved in division on 26.07.2022

Approval of GAD By Chief Bridge Engineer/Northern Railway

Date of Examination of GAD by Drawing Office of Chief Bridge Engineer/Northern Railway 28/07/2022

Date of Approval 28/07/2022

Remarks

Complete Status Report for Proposal No.: NRLK0042

Proposal Details

Proposal ID NRLK0042 Proposal Date 06/01/2022
Name of Work : 4/6 Lane Ayodhya Bypass Total length of 67.572 kms (Northern Ayodhya Bypass starting at km 112+540, ending at km 139+928 of NH - 28 and Southern Ayodhya Bypass starting at km 112+540, ending at km 153)

Sponsoring Organization Details

Organisation/Department NHAI PIU/Unit
 Contact Person Name SAMAR BAHADUR SINGH Designation Project Director
 Fax No. Phone No. 0535-2702526
 Mobile No 9997870088 e-mail pdpiuraiebareilly@nhai.org
 Postal Address 784 Vishnu nagar, Opposite satyam hospital, Pin Code: 229001
 State Uttar Pradesh District Ayodhya

Proposed Road Over Bridge/Road Under Bridge/Limited Height Subway Location Details

Proposal for ROB
 Road New Category of Road Class I- National Highways
 Name of Road Ayodhya Bypass Package 2 Location/Chainage on the Road 24 km 75 m
 Villages/Towns on Either Side ayodhya Nearest City/Town ayodhya
 Zonal Railway Northern Railway Railway Division Lucknow
 Between Railway Stations DarshanNagar & Bilharghat Major Railway Section Akbarpur-Faizabad
 Location (on Railway Line) 952 km 894 m TP No. of Lane(s) 6
 Width of Road 33.6 m Skew Angle (wrt. normal to track) 4
 Proposed Road Over Bridge/Road Under Bridge/Limited Height Subway in lieu of any existing LC No

Existing LC Details

LC No. Class of LC
 Location of LC km m Average no. of trains per day
 TVU TVU year

Conceptual Plan/Sketch [NM6F600~.PDF](#)

Conceptual Plan/Sketch [DESIGN CH. 24+075.pdf](#)

Joint Site Inspection

Joint Site Inspection Date Proposed as 26/01/2022 Joint Site Inspection Date Confirm/Revised as 07/02/2022
 Actual Date of Joint Site Inspection Done 07/02/2022 Reason for change in joint site inspection date OFFICERS ARE BUSY DUE TO SOME WORK

Name (Designation)

Sponsoring Organization: NHAI YOGESH TILAK (MANAGER NHAI)

Railway Officials at Joint Site Inspection ↓

Engineering BANWARILAL (ADEN/AYC)

Joint Feasibility Report

Track Details ▶

Gauge BG Route ZBD-FD-BBK-LBH
 No. of Existing Tracks 1 No. of Proposed/Future Tracks 1

Clearance Required With Respect to Rail Level ▶

Height Above Rail Level 7775 mm
 Lateral Clearance (Left) mm
 From Centre of Nearest Track Lateral Clearance (Right) mm
 From Centre of Nearest Track

Feasibility of Construction ▶

Road Over Bridge (ROB) Feasible Road Under Bridge (RUB) Not Feasible
 Limited Height Subway (LHS) Not Feasible

Proposed Rail Over Bridge/Rail Under Bridge/Limited Height Subway Location Details ▶

District/State Ayodhya / Uttar Pradesh Division/Railway Lucknow / Northern Railway
 Between Railway Stations DarshanNagar & Bilharghat Major Railway Section Akbarpur-Faizabad
 Location (on Railway Line) (km m /TP) 952 km 894 m / No of lane(s) 6
 Width of road 33.6 Skew angle (wrt. normal to track) 4

Existing LC data (If applicable) ▶

LC No.		Class of LC	
Location of LC	km m	Average no. of Trains per day	
TVU / Year of TVU	/	LC Will be closed or not	

Any Level Crossing to be closed in lieu of Road Over Bridge/Road Under Bridge/Limited Height Subway No**Traffic Diversion ▶**

Whether required or not	No		
Through Temporary Diversion	No	Through Temporary LC	No
Whether FOB is required to close LC	No	Whether additional RUB is required to close LC	No

Utility Shifting ▶

OHE	Yes:	Cables (S&T, DOT, OFC)	No
Cables (Electricals)	No	Pipe Lines (Water, Severe)	No
Structures/Equipment	Yes: one ohe mast	Any Other	

Note:- Utility shifting charges to be included in detailed estimate after approval of GAD.

Railway & Other Land Details ▶

Width of Railway land on Left Hand Side from centre of nearest track	20.5 m	Width of Railway land on Right Hand Side from centre of nearest track	14 m
Centre to Centre distances among tracks	m		
Availability of land outside railway on Left Hand Side	min m max m	Availability of land outside railway on Right Hand Side	min m max m
Details of Encroachment if any			
Approach Gradient Left Hand Side (1 in_)		Approach Gradient Right Hand Side (1 in_)	

Span Arrangement for ROB in Railway Portion ▶

No of Spans in Railway Portion	1		
Span arrangement in Railway Land	42m(0 deg; STEEL)		
		Note:- From left to right facing in the direction of increasing railway chainage.	
Length of viaduct/span on Left Hand side outside railway		Length of viaduct/span on Right Hand side outside railway	
No. of GADs applicable for this proposal	1		
Issue if any to be resolved	No		

Signing of Joint Feasibility Report ▶

Is Joint Feasibility Report signed by Sr.DEN/DEN?	Yes
Is Joint Feasibility Report signed by Sponsoring Organisation?	Yes
Remark by Sr.DEN/DEN	span is already finalized and approved by CBE/NR.

Conceptual Plan/Sketch ▶

Conceptual Plan/Skech	Conceptual Plan Design Ch. 24+075 (new).pdf
Conceptual Plan/Skech	CamScanner 03-04-2022 16.47.pdf
Site Photo	site photo 24.75.jpeg
Site Photo	google image 24,075.jpeg

Span Arrangement for ROB in Railway Portion By CBE**Span Arrangement for ROB in Railway Portion By CBE ▶**

No of Spans in Railway Portion	1		
Span arrangement in Railway Land	42m(0 deg; STEEL)		
		Note:- From left to right facing in the direction of increasing railway chainage.	
Length of viaduct/span on Left Hand side outside railway		Length of viaduct/span on Right Hand side outside railway	
No. of GADs applicable for this proposal	1		
Sponsoring Organisation to deposit way-leave charges to Railways as Rs. 12,000/- per annum for 10 years in advance i.e. Rs. 1,20,000/-			

Conceptual Plan/Sketch ▶

Conceptual Plan/Skech [Conceptual Plan Design Ch. 24+075 \(new\).pdf](#)

Conceptual Plan/Skech [CamScanner 03-04-2022 16.47.pdf](#)

Site Photo [site photo 24.75.jpeg](#)

Site Photo [google image 24.075.jpeg](#)

Submission of GAD, MoU, etc

View GAD, Mou, Compliance of Checklist etc ▶

Date of depositing hard copy of GAD, MoU, Compliance of Checklist etc in CBE's office 10/05/2022

Upload Overall GAD for Approval [DESIGN CH 24+075 ROB BIHAR GHAT TO DHARSHAN NAGAR.pdf](#)

Upload Signed Copy of MoU [MOU Dt 27.07.2018.pdf](#)

Upload Compliance of Checklist [ROB CHECK LIST.pdf](#)

Document Verification By CBE

Whether Satisfied with the submitted document Yes Remark GAD sent to Divn for Signature.

Signing of GAD, etc by Divisional Officers

Date of Examination of GAD by Drawing Office of Sr. DEN/V 27/07/2022

Date of Signing by Electrical/TRD 27/07/2022

Date of Signing by S&T 27/07/2022

Signed & Forwarded to CBE vide letter no. & date LKO/Engg/Drg.Sec/ROB/2022/115 27/07/2022

Remark approved by division by NR DIVL PLAN NO. ROB-1062/LKO/20222

Approval of GAD By Chief Bridge Engineer/Northern Railway

Date of Examination of GAD by Drawing Office of Chief Bridge Engineer/Northern Railway 29/07/2022

Date of Approval 29/07/2022

Remarks

Complete Status Report for Proposal No.: NRLK0043

Proposal Details

Proposal ID NRLK0043 Proposal Date 06/01/2022
Name of Work : 4/6 Lane Ayodhya Bypass Total length of 67.572 kms (Northern Ayodhya Bypass starting at km 112+540, ending at km 139+928 of NH - 28 and Southern Ayodhya Bypass starting at km 112+540, ending at km 153)

Sponsoring Organization Details

Organisation/Department	NHAI	PIU/Unit	
Contact Person Name	SAMAR BAHADUR SINGH	Designation	Project Director
Fax No.		Phone No.	0535-2702526
Mobile No	9997870088	e-mail	pdpiuraiebareilly@nhai.org
Postal Address	784 Vishnu nagar, Opposite satyam hospital, Pin Code: 229001		
State	Uttar Pradesh	District	Ayodhya

Proposed Road Over Bridge/Road Under Bridge/Limited Height Subway Location Details

Proposal for	ROB		
Road	New	Category of Road	Class I- National Highways
Name of Road	Ayodhya Bypass Package 2	Location/Chainage on the Road	1 km 60 m
Villages/Towns on Either Side	ayodhya	Nearest City/Town	ayodhya
Zonal Railway	Northern Railway	Railway Division	Lucknow
Between Railway Stations	SOHAWAL & SALARPUR	Major Railway Section	Faizabad-Barabanki
Location (on Railway Line)	979 km 820 m TP	No. of Lane(s)	6
Width of Road	33.6 m	Skew Angle (wrt. normal to track)	12
Proposed Road Over Bridge/Road Under Bridge/Limited Height Subway in lieu of any existing LC			No

Existing LC Details

LC No.		Class of LC	
Location of LC	km m	Average no. of trains per day	
TVU		TVU year	

Conceptual Plan/Sketch [DESIGN CH. 1+060.pdf](#)

Conceptual Plan/Sketch [DESIGN~2.PDF](#)

Joint Site Inspection

Joint Site Inspection Date Proposed as 26/01/2022 Joint Site Inspection Date Confirm/Revised as 07/02/2022
 Actual Date of Joint Site Inspection Done 07/02/2022 Reason for change in joint site inspection date OFFICERS ARE BUSY DUE TO SOME WORK

Name (Designation)

Sponsoring Organization: NHAI YOGESH TILAK (MANAGER NHAI)

Railway Officials at Joint Site Inspection ↓

Engineering BANWARILAL (ADEN/AYC)

Joint Feasibility Report

Track Details ▶

Gauge	BG	Route	ZBD-FD-BBK-LBH
No. of Existing Tracks	1	No. of Proposed/Future Tracks	1

Clearance Required With Respect to Rail Level ▶

Height Above Rail Level	7775 mm		
Lateral Clearance (Left) From Centre of Nearest Track	mm	Lateral Clearance (Right) From Centre of Nearest Track	mm

Feasibility of Construction ▶

Road Over Bridge (ROB)	Feasible	Road Under Bridge (RUB)	Not Feasible
Limited Height Subway (LHS)	Not Feasible		

Proposed Rail Over Bridge/Rail Under Bridge/Limited Height Subway Location Details ▶

District/State	Ayodhya / Uttar Pradesh	Division/Railway	Lucknow / Northern Railway
Between Railway Stations	SOHAWAL & SALARPUR	Major Railway Section	Faizabad-Barabanki
Location (on Railway Line) (km m /TP)	979 km 820 m /	No of lane(s)	6
Width of road	33.6	Skew angle (wrt. normal to track)	21

Existing LC data (If applicable) ▶

LC No.		Class of LC	
Location of LC	km m	Average no. of Trains per day	
TVU / Year of TVU	/	LC Will be closed or not	

Any Level Crossing to be closed in lieu of Road Over Bridge/Road Under Bridge/Limited Height Subway No**Traffic Diversion ▶**

Whether required or not	No		
Through Temporary Diversion	No	Through Temporary LC	No
Whether FOB is required to close LC	No	Whether additional RUB is required to close LC	No

Utility Shifting ▶

OHE	No	Cables (S&T, DOT, OFC)	No
Cables (Electricals)	No	Pipe Lines (Water, Severe)	No
Structures/Equipment	No	Any Other	

Note:- Utility shifting charges to be included in detailed estimate after approval of GAD.

Railway & Other Land Details ▶

Width of Railway land on Left Hand Side from centre of nearest track	16.1 m	Width of Railway land on Right Hand Side from centre of nearest track	15.1 m
Centre to Centre distances among tracks	m		
Availability of land outside railway on Left Hand Side	min m max m	Availability of land outside railway on Right Hand Side	min m max m
Details of Encroachment if any			
Approach Gradient Left Hand Side (1 in_)		Approach Gradient Right Hand Side (1 in_)	

Span Arrangement for ROB in Railway Portion ▶

No of Spans in Railway Portion	1		
Span arrangement in Railway Land	42m(0 deg; STEEL)		
		Note:- From left to right facing in the direction of increasing railway chainage.	
Length of viaduct/span on Left Hand side outside railway		Length of viaduct/span on Right Hand side outside railway	
No. of GADs applicable for this proposal	1		
Issue if any to be resolved	No		

Signing of Joint Feasibility Report ▶

Is Joint Feasibility Report signed by Sr.DEN/DEN?	Yes
Is Joint Feasibility Report signed by Sponsoring Organisation?	Yes
Remark by Sr.DEN/DEN	span is already finalized and approved by CBE/NR.

Conceptual Plan/Sketch ▶

Conceptual Plan/Skech	CamScanner 03-04-2022 16.48.pdf
Conceptual Plan/Skech	Conceptual Plan Design Ch. 1+060.pdf
Site Photo	site_photo_1+060.jpeg
Site Photo	google_image_1+060.jpeg

Span Arrangement for ROB in Railway Portion By CBE**Span Arrangement for ROB in Railway Portion By CBE ▶**

No of Spans in Railway Portion	1		
Span arrangement in Railway Land	42m(0 deg; STEEL)		
		Note:- From left to right facing in the direction of increasing railway chainage.	
Length of viaduct/span on Left Hand side outside railway		Length of viaduct/span on Right Hand side outside railway	
No. of GADs applicable for this proposal	1		
Sponsoring Organisation to deposit way-leave charges to Railways as Rs. 12,000/- per annum for 10 years in advance i.e. Rs. 1,20,000/-			

Conceptual Plan/Sketch ▶

Conceptual Plan/Skech [CamScanner 03-04-2022 16.48.pdf](#)
 Conceptual Plan/Skech [Conceptual Plan Design Ch. 1+060.pdf](#)
 Site Photo [site photo 1+060.jpeg](#)
 Site Photo [google image 1+060.jpeg](#)

Submission of GAD, MoU, etc**View GAD, Mou, Compliance of Checklist etc ▶**

Date of depositing hard copy of GAD, MoU, Compliance of Checklist etc in CBE's office 10/05/2022

Upload Overall GAD for Approval [DESIGN CH 1+060 ROB_SALARPUR TO SOHAWAL_.pdf](#)

Upload Signed Copy of MoU [MOU Dt 27.07.2018_.pdf](#)

Upload Compliance of Checklist [ROB CHECK LIST.pdf](#)

Document Verification By CBE

Whether Satisfied with the submitted document Yes Remark GAD sent to Division for signature.

Signing of GAD, etc by Divisional Officers

Date of Examination of GAD by Drawing Office of Sr. DEN/V 27/07/2022

Date of Signing by Electrical/TRD 27/07/2022

Date of Signing by S&T 27/07/2022

Signed & Forwarded to CBE vide letter no. & date LKO/Engg/Drg.Sec/ROB/2022/116 27/07/2022

Remark approved by division by NR DIVL PLAN NO. ROB-1063/LKO/20222

Approval of GAD By Chief Bridge Engineer/Northern Railway

Date of Examination of GAD by Drawing Office of Chief Bridge Engineer/Northern Railway 28/07/2022

Date of Approval 28/07/2022

Remarks



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Govt. of India)

परियोजना कार्यान्वयन इकाई / Project Implementation Unit
कमला भवन, हनुमन्त पुरम, निकट त्रिपुरा चौराहा, रायबरेली-229001 (उ.प्र.)
Kamla Bhawan, Hanumant Puram, Near Tripura Chauraha, Raebareilly-229001 (U.P.)
दूरभाष / Phone : 0535-2975212



ईमेल / E-mail : pdpiuraebareilly@nhai.org; pdpiuraebareilly@gmail.com वेब: www.nhai.gov.in

NHAI/PIU-RBLY/Ayodhya Bypas/ROB/2022/ 26067

Dated 09.12.2022

To,

Office of Principle Chief Bridge Engineer,
Northern Eastern Railway,
Gorakhpur, 273012

Sub: Consultancy Services for Preparation of Detailed Project Report for Development of 6 Lane Ayodhya Bypass Total length of 67.572 kms (Package 1 Northern Ayodhya Bypass starting near village Bhitaura, ending at km 139+928 of NH - 27 and Package 2 Southern Ayodhya Bypass starting near village Bhitaura, ending at km 153+281 of NH - 27) under NHDP Phase-VII in the State of Uttar Pradesh. Package 1: Northern Ayodhya Bypass starting near village Bhitaura, ending at Exist km 139+928 of NH - 27

Reg.: Reply of remarks from CBE on GAD of North Ayodhya Bypass ROB at Design CH 29+380 (Railway km. 31+188) proposal ID: NERLJN0023 in RC Approval system dated 04/11/2022

Sir,

CBE's Remark on RC Approval system: "GAD is OK but why the FRL of median is changing throughout the length of bow string girder?" Remark Date: 04/11/2022

As per existing site conditions the railway track and NH-27 are running parallel each other with an existing embankment height of 5-6m. Further there is an existing waterbody before the ROB approach which also influencing the design of profile. In order to meet design requirements a viaduct is proposed covering both the existing Railway track and National Highway crossings with a single vertical curve (which is satisfying the Intermediate sight distance requirements).

The Level difference in FRL of median between ROB piers is minimal, at less than 1% of vertical Gradient which ensures smooth riding experience for users. And this longitudinal gradient can be achieved by varying the height of pedestals on both the piers.

Encl.: Highway Plan and profile for the current location is attached for easy reference.

hnc 9.12.22
(S. B. Singh)
GM (Tech.)/Project Director

Copy to :-

- 1- M/s Sai Consulting Engineers Pvt. Ltd. Faridabad - for necessary coordination with Railway.

Overall GAD, MoU, P&E Charges Deposit Details For Approval**Site Details****Proposal ID / Date** NERLJN0023 / 21/12/2021**Name of Work:** 4/6 Lane Ayodhya Bypass Starting from NH-28 (Chainage 139+928) and End at NH-28 (Chainage 153+281) under NHDP Phase-VII in the State of Uttar Pradesh**Track Details ▶**

Gauge	BG	Route	MUR - AY
No. of Tracks	1	Proposed Lines	

Clearance Required With Respect to Rail Level ▶

Height Above Rail Level	mm	Right Side From Centre of Nearest Track	mm
Left Side From Centre of Nearest Track	mm		

Feasibility of Construction ▶

Road Over Bridge (ROB)	Feasible	Road Under Bridge (RUB)	Not Feasible
Limited Height Subway (LHS)	Not Feasible		

Proposed Rail Over Bridge/Rail Under Bridge/Limited Height Subway Location Details ▶

District/State	Ayodhya / Uttar Pradesh	Division/Railway	Lucknow Jn. / North Eastern Railway
Road	New	Category of Road	Class I- National Highways
Name of Road	Ayodhya Bypass Starting from NH-28 (Chainage 139+9)	Location Chainage on the Road	2 km 380 m
Villages/Towns on Either Side		Nearest City/Town	Ayodhya
Between Railway Stations	KATRA & RAMGHAT HALT	Major Railway Section	
Location from (on Railway Line) (km m /TP)	31 km 188 m /	No. of lane(s)	6
Width of road	33.6 m	Skew angle (wrt. normal to track)	0

Existing LC data (If applicable) ▶

LC No.		Class of LC	
Location of LC	km m	Average no. of Trains per day	
TVU / Year of TVU	/	LC Will be closed or not	

Any Level Crossing to be closed in lieu of Road Over Bridge/Road Under Bridge/Limited Height Subway : No

Traffic Diversion ▶

Whether required or not No

Through Temporary Diversion No

Through Temporary LC No

Whether FOB is required to close LC No

Whether additional RUB is required to close LC No

Utility Shifting ▶

OHE No

Cables (S&T, DOT, OFC) No

Cables (Electricals) No

Pipe Lines (Water, Severe) No

Structures/Equipment No

Any Other

Railway & Other Land Details ▶

Width of Railway land on Left Hand Side from centre of nearest track m

Width of Railway land on Right Hand Side from centre of nearest track m

Centre to Centre distances among tracks m

Availability of land outside railway on Left Hand Side min m
max mAvailability of land outside railway on Right Hand Side min m
max m

Details of Encroachment if any

Approach Gradient Left Hand Side (1 in_)

Approach Gradient Right Hand Side (1 in_)

Joint Site Inspection▶

Joint Inspection Date 28/02/2022

Name (Designation)

Sponsoring Organization: NHAI Yogesh Tilak (Manager (Tech))

Railway Officials at Joint Site Inspection ↓

Engineering Priyanjul Shukla (ADEN/East/Gonda)

Is JFR Signed by Road Authority : Yes**Is JFR Approved by ADRM :** Yes**Remark by Sr.DEN/DEN :** 04 Piers of proposed ROB comes in Railway Land.**Conceptual Plan/Sketch▶**Conceptual Plan/Skech [Proposed ROB \(1\).pdf](#)

Conceptual Plan/Skech

Span Arrangement for ROB in Railway Portion By CBE ▶

No. of Spans in Railway Portion 4

Span arrangement in Railway Land 36m(0 deg; STEEL) + 36m(0 deg; STEEL) + 36m(0 deg; STEEL) + 36m(0 deg; STEEL)
Note:- From left to right facing in the direction of increasing railway chainage.

Length of viaduct/span on Left Hand side outside railway

Length of viaduct/span on Left Hand side outside railway

No. of GADs applicable for this proposal 1

Way-leave charges ▶

Sponsoring Organisation to deposit way-leave charges to Railways as Rs. 12,000/- per annum for 10 years in advance i.e. Rs. 1,20,000/-

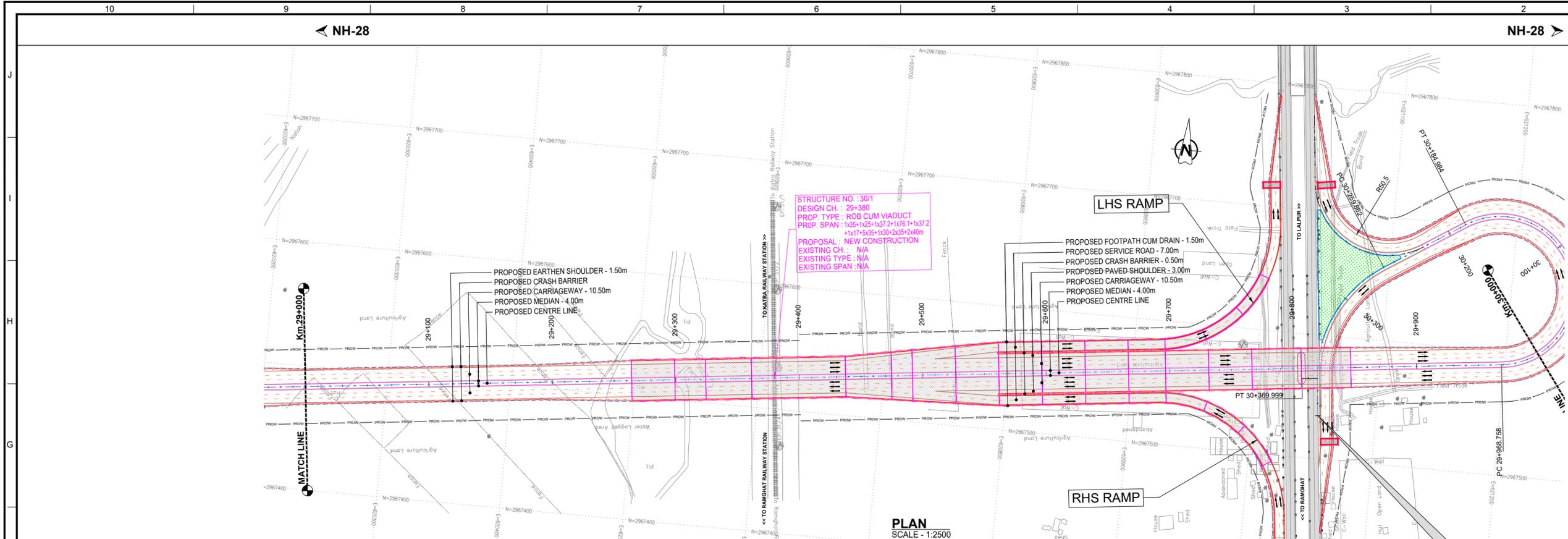
View GAD, MoU, Compliance of Checklist etc ▶

Date of depositing hard copy of GAD, MoU, Compliance of Checklist etc in CBE's office 16/09/2022

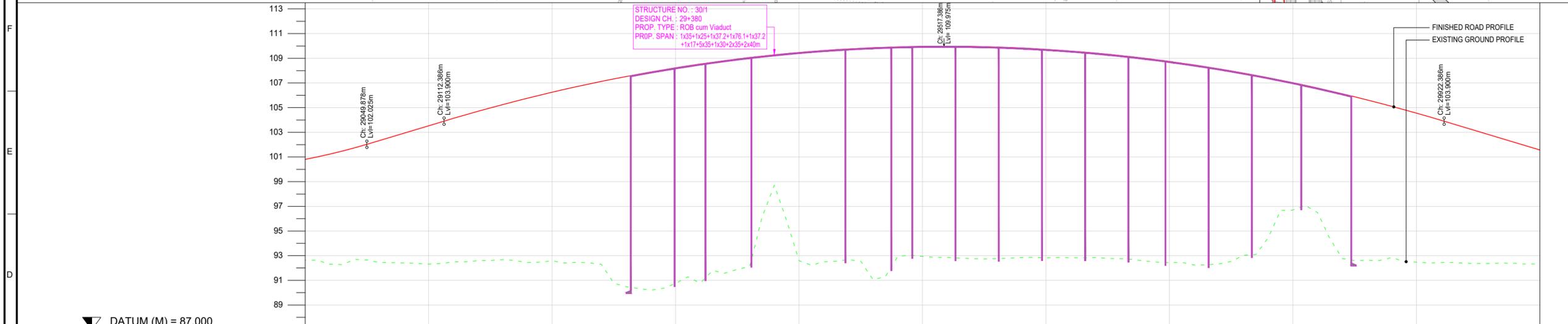
View Uploaded Overall GAD for Approval [DESIGN CH. 29+380 AYODHYA TO KATRA RAILW.pdf](#)View Uploaded Signed MoU [MOU Dt 27.07.2018.pdf](#)View Uploaded Check List [ROB CHECK LIST.pdf](#)

View Uploaded LC Closure Certificate

CBE's Remark: GAD is OK but why the FRL of median is changing throughout the length of bow string girder? Remark Date: 04/11/2022**Upload GAD, MoU, Compliance Check List, etc**Date of depositing hard copy of GAD, MoU, Compliance of Checklist etc
in CBE's office * Uploaded Overall GAD for Approval (.pdf file) No file chosen[DESIGN CH. 29+380 AYODHYA TO KATRA RAILW.pdf](#) ❌Uploaded Signed MoU (.pdf file) No file chosen[MOU Dt 27.07.2018.pdf](#) ❌Uploaded Compliance of Checklist (.pdf file) No file chosen[ROB CHECK LIST.pdf](#) ❌Uploaded LC Closure Certificate (.pdf file) No file chosen



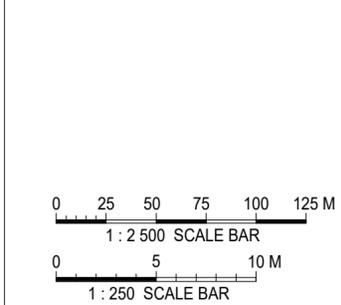
- ### LEGEND
- Proposed Center Line
 - Proposed Median
 - Proposed Carriageway Edge
 - Proposed Service Road
 - Proposed Footpath
 - Proposed Toe Line
 - Proposed Right of Way
 - Proposed Bridge/Culvert
 - Proposed ROB & VUP
 - Proposed Concret Crash Barrier
 - Proposed W-Beam Crash Barrier
 - North Symbol
 - Finished Road Profile
 - Existing Ground Profile
 - GPS Pillar
 - Temporary Bench Mark
 - Religious Structures
 - Electric Pole
 - Transformer
 - Pylon
 - Lamp Post
 - Tree-T1,T2,T3
 - Water Logged Area / Pit
 - Water Flow Direction
 - Kilometer Stone
 - Well
 - Toilet
 - C_Well
 - Railway Track
 - Railway Pillar
 - Railway Boundary
 - Existing Paved Road
 - Existing Unpaved Road
 - Electric Line
 - High Tension Lines
 - Fence Wire
 - Drain
 - Water Pipe Line
 - School
 - Building



Station (Km)	Finished Road Level (m)	Existing Ground Level (m)
29+000	100.896	92.877
29+010	101.006	92.877
29+020	101.228	92.885
29+030	101.473	92.894
29+040	101.740	92.857
29+050	102.029	92.857
29+060	102.329	92.857
29+070	102.629	92.857
29+080	102.929	92.857
29+090	103.229	92.857
29+100	103.529	92.857
29+110	103.829	92.857
29+120	104.127	92.857
29+130	104.417	92.857
29+140	104.700	92.857
29+150	104.976	92.857
29+160	105.245	92.857
29+170	105.506	92.857
29+180	105.759	92.857
29+190	106.006	92.857
29+200	106.244	92.857
29+210	106.476	92.857
29+220	106.700	92.857
29+230	106.916	92.857
29+240	107.125	92.857
29+250	107.327	92.857
29+260	107.522	92.857
29+270	107.709	92.857
29+280	107.888	92.857
29+290	108.060	92.857
29+300	108.225	92.857
29+310	108.382	92.857
29+320	108.532	92.857
29+330	108.675	92.857
29+340	108.810	92.857
29+350	108.938	92.857
29+360	109.058	92.857
29+370	109.171	92.857
29+380	109.276	92.857
29+390	109.374	92.857
29+400	109.465	92.857
29+410	109.546	92.857
29+420	109.624	92.857
29+430	109.692	92.857
29+440	109.753	92.857
29+450	109.807	92.857
29+460	109.853	92.857
29+470	109.892	92.857
29+480	109.923	92.857
29+490	109.947	92.857
29+500	109.964	92.857
29+510	109.973	92.857
29+520	109.975	92.857
29+530	109.969	92.857
29+540	109.956	92.857
29+550	109.936	92.857
29+560	109.908	92.857
29+570	109.873	92.857
29+580	109.830	92.857
29+590	109.780	92.857
29+600	109.722	92.857
29+610	109.658	92.857
29+620	109.585	92.857
29+630	109.506	92.857
29+640	109.418	92.857
29+650	109.324	92.857
29+660	109.222	92.857
29+670	109.113	92.857
29+680	108.996	92.857
29+690	108.872	92.857
29+700	108.740	92.857
29+710	108.601	92.857
29+720	108.455	92.857
29+730	108.301	92.857
29+740	108.140	92.857
29+750	107.971	92.857
29+760	107.795	92.857
29+770	107.612	92.857
29+780	107.421	92.857
29+790	107.223	92.857
29+800	107.017	92.857
29+810	106.804	92.857
29+820	106.584	92.857
29+830	106.356	92.857
29+840	106.120	92.857
29+850	105.878	92.857
29+860	105.628	92.857
29+870	105.370	92.857
29+880	105.105	92.857
29+890	104.833	92.857
29+900	104.553	92.857
29+910	104.266	92.857
29+920	103.972	92.857
29+930	103.672	92.857
29+940	103.372	92.857
29+950	103.072	92.857
29+960	102.772	92.857
29+970	102.472	92.857
29+980	102.172	92.857
29+990	101.872	92.857
30+000	101.572	92.857

- ### PLAN
- R - Radius of Curve
 - Dc - Degree of Curvature
 - Lc - Length of Circular Curve
 - Ts - Tangent Length
 - Es - Apex Distance
 - LS - Length of Spiral Curve
 - S - Shift
 - Δ - Deflection Angle
 - V - Design Speed Km/Hr
 - e% - Superelevation
 - PC - Point of Curvature
 - PT - Point of Tangent
 - HIP - Horizontal Intersection Point
- ### L - PROFILE
- G - Gradient %
 - VCL - Length of Vertical Curve
 - L - Length of Grade(m)
 - r - Radius
 - e - Superelevation (%)
 - D - Straight Length of Horizontal Alignment
 - Lc - Length of Circular Curve

NOTES



REV.	DATE	DESCRIPTION OF REVISION	DRAWN	DESIGN	CHECK	APPRO.
R3	06/10/2022	FINAL FEASIBILITY REPORT	PK	PK	VK	AA
R2	29/08/2022	FINAL FEASIBILITY REPORT	PK	PK	VK	AA
R1	15/02/2022	FINAL FEASIBILITY REPORT	PK	PK	VK	AA
R0	29/12/2021	FINAL FEASIBILITY REPORT	PK	PK	VK	AA

CLIENT:-
NATIONAL HIGHWAYS AUTHORITY OF INDIA

CONSULTANT:-
SAI Consulting Engineers Pvt. Ltd.
 An ISO 9001 Certified Company

PROJECT:-
 Construction of 4/6 Lane Northern Ayodhya Bypass total length of 35.40 kms of Part-1 north of NH-27, from Km 0+000 to Km 30+400 (Starting near existing km 112+540, ending at km 139+928 of NH - 27) and Part-2 south of NH-27 from Km 0+000 to Km 5+000 on HAM basis under NHDP Phase-VII in the State of Uttar Pradesh.

SCALE	TITLE	JOB No.	DRAWING No.	SHEET	SIZE	REV
AS SHOWN	NORTHERN AYODHYA BYPASS (PART-1) PLAN AND LONGITUDINAL PROFILE CHAINAGE 29+000 TO 30+000	TDD-218008	TDD-218008-RD-FFR-PP-05030		A2	R3