



File No: 10/25/2024-IA.III
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 04/02/2026



To,

Ram Mohan Singh
Ram MOHAN singh
Office of the Senior Project Engineer, Bihar Rajya Pul Nirman Nigam Limited, Works Division,
Champaran, Motihari, Bihar, PASHCHIM CHAMPARAN, BIHAR, 800015
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Subject: This proposal is for the Development of Newly declared NH-727AA to 2/4- Lane Standard Highway from Bettiah on NH-727 connecting Patzirwa, Paknaha in total length of 29.220 Km. from the state of Bihar, Pipraghat by M/s National Highway Authority of India- Environmental Clearance regarding.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/BR/INFRA1/545495/2025 dated 28/07/2025 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25A3601BR5519359N
(ii) File No.	10/25/2024-IA.III
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	7(f) Road
(vi) Sector	INFRA-1
(vii) Name of Project	Development of Newly declared NH-727AA to 2/4- Lane Standard Highway from Bettiah on NH-727 connecting Patzirwa, Paknaha in the state of Bihar, Pipraghat and terminate at Sewrahi Jn. with NH- 730 in the State of Uttar Pradesh
(viii) Name of Company/Organization	Ram MOHAN singh
(ix) Location of Project (District, State)	PASHCHIM CHAMPARAN, BIHAR
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per	No

EIA Notification, 2006

3. The proposal is for the Development of Newly declared NH-727AA to 2/4- Lane Standard Highway.

4. The project starts from the junction point with NH 727 at Manuapul (Bettiah) Ch. 0+000 in the state of Bihar and terminates at Tiwari Patti on NH-730 at Ch. 29+220 in the state of Uttar Pradesh 3. No. of Towns and Villages falling along the project road West Champaran district (Bihar): 09 villages. The geo-coordinates of the alignment falls in between the latitude and longitude from 26° 51'1.96" N 84°28'14.42" E to 26°44'58.58" N, 84°12'42.91" E.

5. The project/activity is covered under the category 'A' of item 7(f) i.e., Highways, of the schedule to the EIA Notification, 2006, and its subsequent amendments. The project alignment is located at the distance of 0.3 km from the ESZ of Udaypur wildlife sanctuary. The total project cost of the project is Rs.3175.22 Crores.

6. Terms of References (TOR) Details: The ToR proposal was considered in the 373rd EAC meeting held on 11th-12th September 2024; the committee recommended the proposal for undertaking detailed EIA/EMP report. The Ministry granted the TOR vide letter no. file No. 10/25/2024-IA.III dated on 22/10/2024.

7. The public hearing was conducted at Bihar and Uttar Pradesh as follows:

S.No	Date	Detail of Paper advertisement	Venue and Location	Presided by
1	24/04/2025	Advertisement was published in Hindustan and Dainik Jagran at Mujaffarpur in 13/03/2025	Village Gurwalia Biswa, SubDistrict Hanpatia, District: Pashchim Champaran Bihar	Additional District Magistrate
2.	06/05/2025	Advertisement was published in Amar Ujjala and Dainik Jagran, Gorakhpur on 28/03/2025	VillageTamakuhi Raj,Subdistrict-Tamkuhi Raj, District-Khushi Nagar Uttar Pardesh	Additional District Magistrate

8. Land Use/Cover: The total land require for the proposed project is 183.37 ha out of which private land is182.57 ha and forest land is 0.40ha and the details of land use land cover within the 500mtrs of the proposed alignment is as following.

Classification/Legend	Area in Ha.	Percentage
Agricultural/Crop Land	2396.3939	79.85
Built-up	362.4733	12.08
Water Body	209.5281	6.98
Barren/Waste Land	32.7147	1.09
Total	3001.11	100

9. ROW (Right of way): The proposed alignment will have 60m ROW.

10. Terrain and Topographical features: The topography of the proposed road is travers through plain terrain. The elevation of the proposed project highway varies from 94 m amsl to 109 m amsl. Highest elevation is at Design Ch. 28+800 (109 m amsl) and lower is at Design Ch. 18+950 (94 m amsl).

11. Details of water bodies, impact on drainage: The natural drainage of the project impacted area shall be maintained through improvement of 24 nos. of RCC Box culverts and 03 nos. RCC Box Culvert cum PUP,

03 nos. of major bridges and 15 nos. of minor bridges on canals/rivers. The proposed alignment does not pass through any flood prone area.

12. The alignment is located at the distance of 300m away from the notified eco sensitive zone of Udaypur Wildlife Sanctuary. PP also provides the budget Rs.10,00,000 for Wildlife Mitigation measures and its conservation to be provided to the Forest Department.

13. Water Requirements of the Project: Total water requirement of the taken is 3000KLD. The detailed water requirement is as following:

Purpose	Peak (KLD)	Source
Road making	2100	Local surface/ground water
Dust suppression	600	
Others (including drinking and domestic purposes)	300	
Total	3000	

14. Details of Tree Cutting and Green Belt Development: About 500 trees are likely to be affected due to proposed RoW of 60 m out of which approx. 50 nos. of trees fall in forest land and remaining 450 falls in the private agriculture field. To compensate the ecological loss for felling of trees, development of aesthetic values and enhancement of microclimatic conditions, about 12000 nos. of trees/plants is proposed to be planted within the ROW of proposed highway. Avenue and median plantation will be carried out as per IRC SP: 21 2009 (Guidelines on Landscaping and Tree Plantation), IRC: SP: 103-2014 (Guidelines on Tree plantation along Rural roads) and National Green Highways Policy 2015.

15. Waste Management: Total waste generation during construction phase is 500 kg/day (approx.) and 50 kg/day (approx.) during the operation phase at tolls and wayside amenities area within ROW may be generated. Bio degradable waste shall be disposed through bio composting and other waste through landfill site.

16. Land acquisition and R&R issues involved: The total land acquisition for the proposed project is approx. 182.97 ha. Which is private land. The land will be acquired as per procedure laid down in RFCTLARR Act, 2013 and NH Act 1956.

17. Employment Opportunities: During the construction of the road project around 500 persons would be employed temporarily for a period of 4 years. However, due to construction of toll plazas approx. 10 persons will be employed on permanent basis and 50 nos. of employees on temporary basis. The total manpower requirement for the project is approx. 560. Preference will be given to local people for employment.

18. Details of Court Cases/litigations: There is no litigation against the project with any court.

19. The Committee observed that some of the piers over Gandak Canal are falling on the embankments of the canal. Construction of bridge piers on the embankment will involve the breaking and reconstruction of the embankments of the canal which may not only lead to the possibility of leakage in the canal but may also increase the project cost. By minor adjustment of the bridge span and distance between piers location of the pier on the canal embankment can be avoided. The PP agreed to adjust the distance between piers.

20. The committee advised that the wildlife conservation plan shall be prepared in consultation with the State Forest department and incharge of Udaypur Wildlife Sanctuary. If the State Forest Department, feels necessary for management purposes, can develop some points on the elevated road as animal watch points/tower or if any specific mitigation measures are recommended by the Forest Department, the same shall be incorporated in the Plan. Copy of the biodiversity assessment and conservation/mitigation plan shall be submitted to the Concern IRO, MoEFCC along with first 6 monthly compliances for monitoring of the execution of plan.

21 NHA mentioned that at the stage of obtaining the Terms of Reference (ToR), it was initially proposed that approximately 0.4 hectares of forest land be involved in the proposed project alignment. However, upon finalization of the

Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) reports, and after conducting the final alignment survey, it has been ascertained that the proposed alignment does not traverse any forest land. Accordingly, the NHAI has approached the State Forest Department with a request to issue a formal letter confirming that no forest land is involved in the project.

22. The Committee advises the Project Proponent to submit a No Objection Certificate (NoC) from the State Forest Department stating that the project does not involve any forest land. In the absence of such a certificate, the proposal shall be considered for grant of Environmental Clearance (EC) in accordance with the existing procedure applicable for the issue of EC where forest land is involved.

23. The EAC, taking into account the submission made by the project proponent has a detailed deliberation in its 408th meeting during 9th July, 2025 and **recommended** the project for grant of environmental clearance with stipulated specific conditions along with other Standard Environmental Clearance Conditions.

24. The Ministry of Environment, Forest and Climate Change has considered the proposal based on the recommendations of the Expert Appraisal Committee (Infrastructure, CRZ and other Miscellaneous projects) and hereby decided to grant Environmental Clearance for 'Development of Newly declared NH-727AA to 2/4- Lane Standard Highway from Bettiah on NH-727 connecting Patzirwa, Paknaha in total length of 29.220 Km. from the state of Bihar, Pipraghat and National Highway Authority of India' under the EIA Notification, 2006 as amended, subject to strict compliance of the following specific conditions, in addition to all standard conditions applicable for such projects.

25. This issues with the approval of the Competent Authority.

Copy To

1. The Principal Secretary, Environment and Forest Department, Government of Bihar, Secretariat, Patna-800 015, Bihar.
2. The Principal Chief Conservator of Forests (HoFF), Bihar Forest Department, Visweshwaraiya Complex, Chowthi Manzil, Technology Bhawan, Bailey Road, Patna-800 015, Bihar.
3. The Deputy Director General of Forests (Central), Ministry of Environment, Forest and Climate Change (MoEF&CC), Integrated Regional Office Ranchi, 2nd Floor, Headquarter-Jharkhand State Housing Board, Harmu Chowk, Ranchi-834 002, Jharkhand.
4. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110 032.
5. The Member Secretary, Bihar State Pollution Control Board, Parivesh Bhawan, Plot No. NS-B/2, Patliputra Industrial Area, Patliputra, Patna-800 023, Bihar.
6. The Principal Secretary (Environment & Forest), Environment Department, 6th Level, C-Wing, I.P. Estate, Delhi Secretariat, Delhi-110 002.
7. The Principal Chief Conservator of Forests (PCCF), A-Block, 2nd Floor, Vikas Bhawan, I.P. Estate, Delhi-110 002.
8. The Deputy Director General of Forests (Central), Ministry of Environment, Forest and Climate Change (MoEF&CC), Integrated Regional Office Lucknow, Kendriya Bhawan, 5th Floor, Sector "H", Aliganj, Lucknow-226 020, Uttar Pradesh.
9. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110 032.
10. The Member Secretary, Delhi Pollution Control Committee (DPCC), 4th & 5th Floor ISBT Building, Kashmere Gate, Delhi-110 006.
11. Compliance and Monitoring Division, Ministry of Environment, Forest and Climate Change (MoEF&CC), Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110 003.

12. Parivesh Portal.

13. Guard File/ Monitoring File/ Record File.

Annexure 1

Specific EC Conditions for (Road)

1. Specific Condition

S. No	EC Conditions
1.1	The budget provided for Wildlife Mitigation measures shall be utilized by making wildlife mitigation plan in consultation with the Forest Department/ Incharge Udaipur Wildlife Sanctuary. If the State Forest Department feels necessary for management purposes, can develop some points on the elevated road as animal watch points/tower or if any specific mitigation measures are recommended by the Forest Department, the same shall be incorporated in the Plan. Copy of the biodiversity assessment and conservation/mitigation plan shall be submitted to the Concern IRO, MoEFCC along with first 6 monthly compliances for monitoring of the execution of plan.
1.2	No Objection Certificate shall be submitted from the state Forest Department to the effect that no forest land is involved in the project prior to the issue of EC failing which the project will be treated as the project involving forest land.
1.3	Distance between the piers shall be adjusted in such a manner so that construction of piers on the embankments of the canal can be avoided
1.4	Proponents shall keep the finished road level sufficiently elevated from ground level with provision of railing on both sides to restrict animal crossing in order to avoid the possibility of wildlife injury/death. Animal underpasses, watch towers, water holes and other mitigation measures proposed shall be constructed in supervision of the forest department.
1.5	No tree can be felled/transplanted unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concern Authority. Old, large and heritage value trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Where the trees need to be cut/transplanted with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut/ non-survival of any transplanted tree) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). All the plantation will be done by state forest department as deposit work and not by private contractors.
1.6	Green belt development (tree plantation) in lieu of the trees being felled in non-forest land should be carried out by the State forest department as deposit work. Green belt must be developed using exclusively native species including a significant number of ficus trees. No exotic species to be used for the same. A comprehensive plan for plantation shall be prepared in consultation with the state forest department (executing agency) including the costs involved. Such compensatory plantation will be over and above the compensatory afforestation to be carried in lieu of the diversion of forest land, if any.
1.7	Trees planted would be planted under the campaign "एक पेड़ मी के नाम", and the details of the trees planted would be uploaded on the portal https://merilife.nic.in .

S. No	EC Conditions
1.8	No groundwater shall be extracted and used. Approval/permission of the concerned authority shall be obtained before drawing surface water from the canal or any other sources.
1.9	In borrow pits, the depth of the pit shall be regulated such that the sides of the excavation will have a slope not steeper than 1:2, from the edge of the final section of the bank. Soil erosion checking measures shall be carried out. Details for the borrow area operation and rehabilitation given in the EIA report shall be followed.
1.10	Quarry areas shall be barricaded during mining operations. The abandoned quarry shall be developed as water reservoirs with proper fencing around the quarry area.
1.11	In all the construction sites within 150 m of the nearest habitation, noisy construction work such as crushing, concrete mixing will be stopped during the night time between 10.00 pm to 6.00 am. No noisy construction activities will be permitted around educational institutions/health centers (silence zones) up to a distance of 100 m from the sensitive receptors. All plants and equipment used in construction shall strictly conform to the CPCB/SPCB noise standards.
1.12	Traffic Control Devices/Road Safety Devices/Roadside Furniture including various types of cautionary, informatory, regulatory as mandatory signboards, road markers, studs, night track cameras etc. shall be provided at appropriate locations all along the project stretch in accordance with the specifications laid down in Manual of Specifications and Standards for Expressways (IRC: SP:99-2013) and IRC:8, IRC:25, IRC:26, IRC:35, IRC:67, IRC:79, IRC:103 and Section 800 of MORTH Specifications.
1.13	Low-lying areas should be developed as water bodies and plantations shall be done accordingly.
1.14	Mitigation measures like noise/sound barriers to be provided along the roads, close to the villages/habitations and sensitive areas like Schools etc. to avoid disruption to the public. Further, FOB/crossings shall be provided for safer access to the public.
1.15	All the recommendations of the EMP shall be complied with in letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to RO, MoEF&CC along with half yearly compliance report.
1.16	As per the Ministry's Office Memorandum F.No.22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporate in the Environmental Management Plan and submit to the Ministry along with 6 monthly compliance report.
1.17	In response to the concerns raised by the local residents during the Public Hearing, the Project Proponent shall make suitable provisions for the construction of market haats for clusters of villages, to facilitate the marketing of local agricultural and other produce. This shall be undertaken in consultation with the concerned District Magistrate and/or Block Development Officer along the project alignment, with the objective of enhancing the socio-economic conditions of the affected communities.
1.18	All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory

S. No	EC Conditions
	Afforestation etc., either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also be implemented and become part of EMP.
1.19	PP in collaboration with a reputed Government institute, to develop sustainable outdoor air purification systems specifically designed for highway transport hubs and associated parking zones. This initiative to address severe air pollution at critical locations such as truck and bus parking areas, toll plazas, and loading bays—zones that experience continuous and concentrated vehicular emissions, resulting in hazardous ambient air quality. The proposed systems must incorporate real-time AQI monitoring, data-driven operational management, low energy consumption, and minimal maintenance. The technology should be scalable, compatible with solar energy, and suitable for long-term deployment in high-risk pollution zones, thereby contributing to healthier, breathable, and more resilient public environments.

Standard EC Conditions for (Road)

1.

S. No	EC Conditions
1.1	Cut and fill works shall be carried out strictly in accordance with the design drawings proposed at the time of appraisal of the project.
1.2	Sidewalk shall be provided along the bridges.
1.3	The drain shall be at least 1m away from the toe of the embankment of the road adopting IRC guidelines. Longitudinal drains shall be provided all along the project road to ensure proper drainage of the area. In addition, adequate number of under passes and culverts to act as cross drainage structures shall also be provided.
1.4	Blasting shall be carried out during fixed hours (preferably during mid-day) or as permitted by the concerned authority. The timing shall be made known to all the people within 1000m (200m for pre-splitting) from the blasting site in all directions.
1.5	Rain water harvesting including oil and grease trap shall be provided as prescribed by CGWB guidelines. Water harvesting structures shall be located at every 500m along the road. Vertical drain type rainwater harvesting structures shall be set up to minimize surface runoff losses of rainwater.
1.6	The embankments/slopes and the slopes left after cutting shall be provided with vegetative growth to avoid soil erosion.
1.7	Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they shall not leach into the ground water. The non-usable bitumen spoils shall be disposed off in a deep trench providing clay lining at the bottom and filled with soil at the top (for at least 0.5m)
1.8	Construction camps shall be proposed 500 m away from the nearest settlements to avoid conflicts and stress over the infrastructure facilities with the local community. Location for stockyards for construction materials shall be identified at least 1000m from water sources. Garbage tanks and

S. No	EC Conditions
	sanitation facilities will be provided at camps.

2. Compliance Reporting

S. No	EC Conditions
2.1	The project proponent shall submit online six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change and also upload the same, including results of monitored data, on their company website.
2.2	For compliance of conditions during operation phase, PP shall either itself undertake the responsibility of compliance or ensure setting up institutional mechanism for compliance of conditions under intimation on the website of the Ministry of Environment, Forest and Climate Change.
2.3	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
2.4	The Ministry reserves the right to stipulate additional conditions, if found necessary.
2.5	Beside fulfilling obligations under Corporate Social Responsibilities as per Company's Act, 2013, the proponent has to adhere to the followings Environment Responsibilities: i.The Company shall have a well laid down Environment Policy approved by the Board of Directors. ii.The Environment Policy shall prescribe for standard operating process/ procedures to bring into focus any infringements/ deviation/violation of the environmental or forest norms/ conditions. iii.The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished. iv.To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/ violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.

3. Note

S. No	EC Conditions
3.1	The above conditions shall be enforced in a time bound manner
3.2	The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
3.3	The PP is under obligation to implement commitments made in the to the issues raised during public hearing Conceptual Plan/ Environment Management Plan, which forms the part of this EC.
3.4	Further attention of project proponent is drawn towards the following Acts/ Regulations/ Statutes/ Guidelines issued from time to time: (a)All the Indian Road Congress (IRC) guidelines wherever applicable may be followed. (b)Provisions related to tree cutting as contained in the Forest

S. No	EC Conditions
	(Conservation) Act, 1980 and related rules of the respective state. (c)Dust Mitigation Measures stipulated for Construction and Demolition Activities as provided in the amendment Notification GSR 94(E) dated 25.01.2018 of MoEF&CC. (d)Provisions for use of Fly ash as building material in the construction as per stipulated under Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. (e)Provisions for management of construction and demolition activities related thereto as contained in Construction and Demolition Waste Management Rules, 2016.

4. General Instructions (Part A)

S. No	EC Conditions
4.1	Approval/permission of concerned authority shall be obtained before drawing surface water from canal or any other sources.
4.2	The proponent shall obtain permission from the competent authorities for tree felling along the proposed alignment.
4.3	As per MoEF&CC's circular no. J-11013/41/2006-IA.II (I) dated 22.09.2008, provision shall be made for supply of kerosene or cooking gas and pressure cooker to the labourers, mobile toilets, mobile STP, safe drinking water, medical health care, Crèche and temporary structures for living during construction phase.
4.4	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to MoEF&CC and its concerned Regional Office.

5. General Instructions (Part B)

S. No	EC Conditions
5.1	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
5.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
5.3	The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
5.4	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be

S. No	EC Conditions
	diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
5.5	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
5.6	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

6. Specific Conditions

S. No	EC Conditions
6.1	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. In case of the treated effluent to be utilized for irrigation/gardening, real time monitoring system shall be installed at the ETP outlet.

