सत्यमेव जयते

# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

( सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार )

## NATIONAL HIGHWAYS AUTHORITY OF INDIA

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

**क्षेत्रीय कार्यालय / REGIONAL OFFICE**

ई-6/47, स्मृति परिसर, सांईबोर्ड के पास, अरेरा कॉलोनी, भोपाल ( म.प्र. )-462016

E-6/47, Smriti Parisar, Near Sai Board, Arera Colony, Bhopal (M.P.)-462016

दूरभाष/Phone: 0755-2426638, फैक्स/Fax: 0755-2426698, ई-मेल/E-mail ID: robhopal@nhai.org

NHAI/RO-MP/PIU-UJN/VENSAR/Water-pipeline/2025/54616 Date: 30.06.2025

**Invitation of Public Comments**

**Sub:** 4-Lanning of Ujjain - Badnawar section of NH-752D (Spur) from Km 26+900 to Km 96+000 in state of Madhya Pradesh on Hybrid Annuity Mode - Proposal for permission for Water Pipeline Crossing on NH-752D (Ujjain-Badnawar Road) at Ch. 46+150 (RHS) at village Nalwa, Tehsil & District Ujjain under execution of the Vensar Ujjain Project (MP) in the state of MP - **Public Comment - reg.**

**Ref:** PD, PIU-Ujjain e-office file (Computer No. 285634).

The Project Director, PIU-Ujjain vide e-office note dated 23.06.2025 has recommended the proposal for laying of Water Pipeline Crossing on NH-752D (Ujjain-Badnawar Road) at Ch. 46+150 (RHS) at village Nalwa, Tehsil & District Ujjain under execution of the Vensar Ujjain Project (MP) in the state of MP.

2. As per Ministry vide OM No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016; the Highways Administrator will make available the proposal seeking permission for utility laying for public comments for 30 days on ground of public interest.

3. In view of the above the comments of public are invited on captioned proposal and the same should reach to below mentioned address till 30.07.2025 beyond which no comments will be considered.

**The Highway Administrator**
**O/o Regional Officer,**
**National Highways Authority of India**
**E-6/47, Smriti Parisar,**
**Near Sai Board, Arera Colony,**
**Bhopal (MP)-462016**
**E-mail ID: robhopal@nhai.org**

4. This is being issued with the approval of Regional Officer cum Highway Administration.

30/06/2025

**(Er. Vinakshi Dahat))**
Dy. General Manager (T)

Copy to:

(i) Web Admin, NHAI-HQ-with request for uploading on the NHAI website.
(ii) The Senior Technical Director, NIC, Transport Bhawan, New Delhi-110001 for uploading on Ministry's Website.
(iii) The Project Director, NHAI, PIU-Ujjain (M.P.) for information.
(iv) M/s VENSAR Ujjain Project, Hyderabad, Telangana.

## Checklist for Getting approval for Laying of underground Pipe line ( Water Pipeline along the road and road (crossing) on NH land.

The permission for laying of under ground cable pipe line shall be considered for apporval / rejection based on the Ministry circulars mentioned as below:

1) Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 including uptodate ammendments.

(a) Carrying of underground pipe line (Gas/ Sewage) on highway Bridges shall not be permitted as underground cable pipe line can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water.

(b) Services are not being allowed indiscriminately on the parapet/any part of the bridges, Safety of the bridges has to be kept in view while permitting various services along bridge.

Guidelines for processing the proposal for laying of utility line in the land along National Highways/Expressway vested with NHAI/PWD/BRO.

CHECK LIST FOR GETTING APPROVAL FOR TUNNEL CROSSING ON NH LAND

| S.no | Item | Information/Status | Remark |
|---|---|---|---|
| 1 | General Information | | |
| 1.1 | Name and address of Applicant | VENSAR UJJAIN PROJECT | |
| 1.2 | National Highway number | NH-752D | |
| 1.3 | State | Madhya Pradesh | |
| 1.4 | Location ( Village Names) | Village-Nalwa, Tehsil-Ujjain, District-Ujjain | |
| 1.5 | ( Chainage in Kms) | 23.195 (RHS) | |
| 1.6 | Length in meters | 60m | |
| 1.7 | Width of available ROW | | |
| | (A)Left side from center line towards Increasing chainage/km direction | 30M | |
| | (B) Right side from center line towards Increasing chainage/km direction | 30M | |
| 1.8 | Proposal to Crossing Tunnel line | | |
| | (A)Left side from center line towards Increasing chainage/km direction | 30m | Tunnel crossing at 22.52m below & perpendicular to National Highway through manual method (Blasting) |
| | (B) Right side from center line towards Increasing chainage/km direction | 30m | |
| 1.9 | Propose to acquire Land | NA | |
| | (A)Left side from Centre Line | NA | |
| | (B)Right Side from Centre Line | NA | |
| 1.10 | Whether the proposal is in the same side where land is not to be acquired | NA | |
| | If not then where to lay the cable | Tunnel crossing at 22.52m below & perpendicular to National Highway through manual method (Blasting) | |
| 1.11 | Detail of already laid services, if any, along the proposal route | NA | |
| 1.12 | Number of Lanes (2/4/6/8 lanes ) Existing | 4 Lane | |
| 1.13 | Proposed no of Lanes ( 2 lanes Paved shoulder 4/6/8 Lanes | NA | |
| 1.14 | Service road Existing or not if yes which side | Not existing at refered location. | |
| | (A)Left side from Centre Line | NA | |
| | (B)Right Side from Centre Line | NA | |
| 1.15 | Proposed Service Road | NO | |
| | (A)Left side from Centre Line | NA | |
| | (B)Right Side from Centre Line | NA | |
| 1.16 | Whether the proposal to Tunnel Crossing is after the service road or between service road and main carriageway | NA | |
| 1.17 | Whether carrying of under ground pipeline / tunnel has been proposed at Highway Bridges, if yes then mentioned the methodology proposed for the same. | Tunnel crossing not proposed at Highway Bridges. | |
| 1.18 | Whether carrying of under ground pipeline / tunnel has been proposed on parapet / any part of bridges. If yes then mentioned the methodology proposed for the same. | Tunnel crossing not proposed on parapet. | |
| **1.19** | **If crossing of the road involed** | | |

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|---|---|---|---|
| | If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line | Tunnel with steel ribs proposed for crossing | |
| | (a) Whether existing drainage structures are allowed to carry sewage / gas pipeline | NO | |
| | (b) Is it on a line normal to NH | Yes | |
| | (c) What is the distance of crossing the sewage/gas pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. | >15m | |
| | (d) The casing pipe (or MS pipe in the case of Water pipe line) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable. Mention type of casing. | Tunnel with steel ribs proposed for crossing | |
| | (e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path. | Yes | |
| | (f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills. | Yes | |
| | (g) The top of the casing/conduit pipe should be at least 1.2meter below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details. | Yes. Tunneling proposed at 22.52m below NH. | |
| | (h) Mention the methodology proposed for crossing of road for the proposed sewage / water pipeline. Crossing shall be by boring method (HDD) [Trench-less Technology] especially where the existing road pavement is of cement concrete or dense bituminous concrete type. | Tunneling proposed through manual method. | |
| | (I) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it. | Yes | |
| 2 | **Document / Drawings to be enclosed with the proposal.** | | |
| 2.1 | Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep X 0.3m wide) | Drawing enclosed. | |
| | (i) Should not be greater than 60 cm wider than the outer diameter of the pipe. | NA | |
| | (ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-lines of the nearest carriageway. | NA | |
| | (iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges. | NA | |
| | (iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land. | NA | |
| 2.2 | Cross section showing the size of pit and location of cable for HDD method. | Drawing enclosed. | |

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| 2.3 | Alignment plan on project plan and profile showing underground pipe line/ Tunnel, Chainage, width of ROW, distance of proposed Water pipeline from the edge of ROW, important mile stone, intersections, cross drainage works etc. | Attached | |
| 2.4 | Methodology for laying of under ground water pipe line/ Tunnel. | Attached | |
| 2.4.1 | Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, What is the Methodology of refilling of trench. | Tunnel crossing below NH through manual method (Blasting) | |
| | (a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe. | For Tunneling,<br>Section 2.2 - Section of 10m wide would be excavated with Tunnel of 6.3m width as shown in the drawing. | |
| | (b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material. | Yes | |
| | (c) The backfill shall be completed in two stages (i) side fill to the level of the top to the pipe and (ii) overfill to the bottom of the road crust. | Yes. Oerfill- compacted fill, Side fill- Masonary/ plum concrete. | |
| | (d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Over fill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or pending will not be permitted. | Side fill proposed - Masonary/ plum concrete. | |
| | (e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. | Yes | |
| | (f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours. | Yes | |
| | (g) If required, a diversion shall be constructed at the expenses of agency owning the utility line | Yes | |
| 2.4.2 | **Horizontal Directional Drilling (HDD) Method** | Tunnel crossing below NH through manual method (Blasting) | |
| 2.4.3 | Methodology for laying of Gas Pipe Line through CD works and method of laying. In cases where the carrying of gas pipeline on the bridge becomes inescapable. | NA | |
| 3 | Draft License Agreement signed by two witnesses | Yes | |
| 4 | Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs 500/- per running meter (parallel to NH) and Rs1,00,000/-per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work )as a security for ensuring/making good the excavated trench for laying the water pipeline/ Tunnel by proper filling and compaction, clearing Debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris /loose earth. Performance BG as per above is to be obtained. | Yes | |
| 4.1 | **Confirmation of BG has been obtained or not as per NHAI guidelines.** | Yes | |
| 5 | **Affidavit / Undertaking from the Applicant for the following is to be furnished.** | | |

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| 5.1 | Not to Damage to other utility, if damaged then pay the losses either to NHAI or to the concerned agency | Yes | |
| 5.2 | For Renewal of Bank Guarantee | Yes | |
| 5.3 | For Confirming all standard condition of Ministry Circulars and NHAI's guideline | Yes | |
| 5.4 | For Shifting of Water pipe line / Tunnel as and when required by NHAI at their own cost | Yes | |
| 5.5 | For Shifting of Water pipe line / Tunnel due to widening of NH | Yes | |
| 5.6 | For Indemnity against all damages and claims | Yes | |
| 5.7 | For Traffic movement during laying of Water pipe line / Tunnel to be managed by the applicant. | Yes | |
| 5.8 | If any claim is raised by the Concessionaire then the same has to be paid by the applicant. | Yes | |
| 5.9 | Prior approval of the NHAI shall be obtained before undertaking any work if installation, shifting or repairs, or alterations to the Gas pipe line/any other utility located in the National Highway right-of-ways. | Yes | |
| 5.1 | Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Water pipe line / Tunnel will be borne by the applicant agency owning the line. | Yes | |
| 5.11 | If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given. | Yes | |
| 5.12 | Certificate from the applicant in the following format | | |
| | *(i) Laying of Water pipe line/ Tunnel will not have any deleterious effects on any of the bridge components and roadway safety for traffic.* | Yes | |
| | *(ii) "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six-lanning or any other development."* | Yes | |
| 6 | Who will sign the agreement on behalf of Water pipe line/ Tunnel agency? | VENSAR UJJAIN PROJECT SIGNING AUTHORITY | |
| | Power of Attorney to sign the agreement is available or not | Yes | |
| 7 | **The Project Director, will submit the following Certificates.** | | |
| 7.1 | Certificate for proposal for confirming of all standard condition issued vide Ministry of Road Transport and Highways Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 | Yes | |
| 7.2 | **Certificate from PD in the following format** | | |
| | (i) " It is certified that any other location of the Water pipe line/ Tunnel would be extremely difficult and unreasonable costly and the installation of Water pipeline/ Tunnel within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc". | Yes | |
| | (ii) for 6-laning | | |
| | (a) Where feasibility is available "I do certify that there will be no hindrance to proposed widening of NH based on the feasibility report considering proposed structure at the said location". | NA | |

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| | (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed widening of NH". | Yes | |
| 8 | If NH section proposed to be taken up by NHAI on BOT/ HAM basis – a clause is to be inserted in the agreement."The permitted Highway on which Licensee has been granted the right to lay Water pipe line/ Tunnel has also been granted as a right of way to the concessionaire under the concession agreement for **4-Lane Ujjain-Badnawar Section from Km 26.900 to Km 96.100of NH No. NH-752D on HAM basis**] and therefore, the licensee shall honour the same." | Yes | |
| 9 | Who will supervise the work of laying of Water pipe line/ Tunnel | Vensar Engineer | |
| | (a) On behalf of the Applicant | VENSAR UJJAIN | |
| | (b) On behalf of NHAI | N/A | |
| 10 | Who will ensure that the defects in road portion after laying of Water pipe line/ Tunnel are corrected and if not corrected then what action will be taken | VENSAR UJJAIN | |
| | (a) On behalf of the Applicant | VENSAR UJJAIN | |
| | (b) On behalf of NHAI | N/A | |
| 11 | Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire? | VENSAR UJJAIN | |
| | On behalf of the Applicant | N/A | |
| 12 | A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed). | Yes | |
| 13 | If any previous approval is accorded for laying of underground Gas pipeline then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed | Yes | |
| 14 | Name of Highway authority of NHAI/PWD/BRO | National Highway Authority of India, PIU-Ujjain | |
| 15 | Highway Administration address | Project Director, NHAI PIU-Ujjain, Plot. 01, Dewas-Ujjain Highway, Vilage Chandesari, District Ujjain -456664 | |

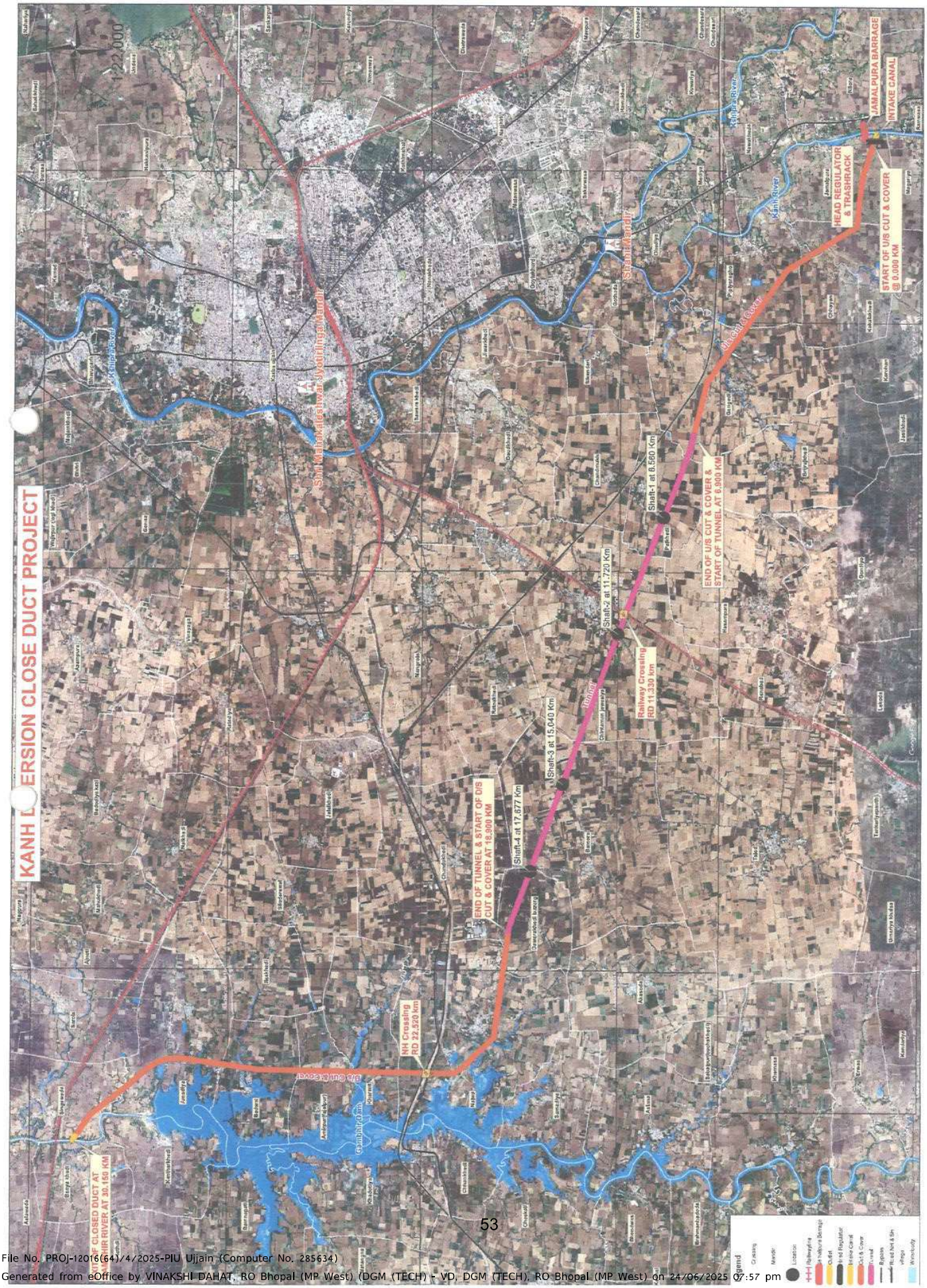
Verified By
Project Director
NHAI PIU-Ujjain

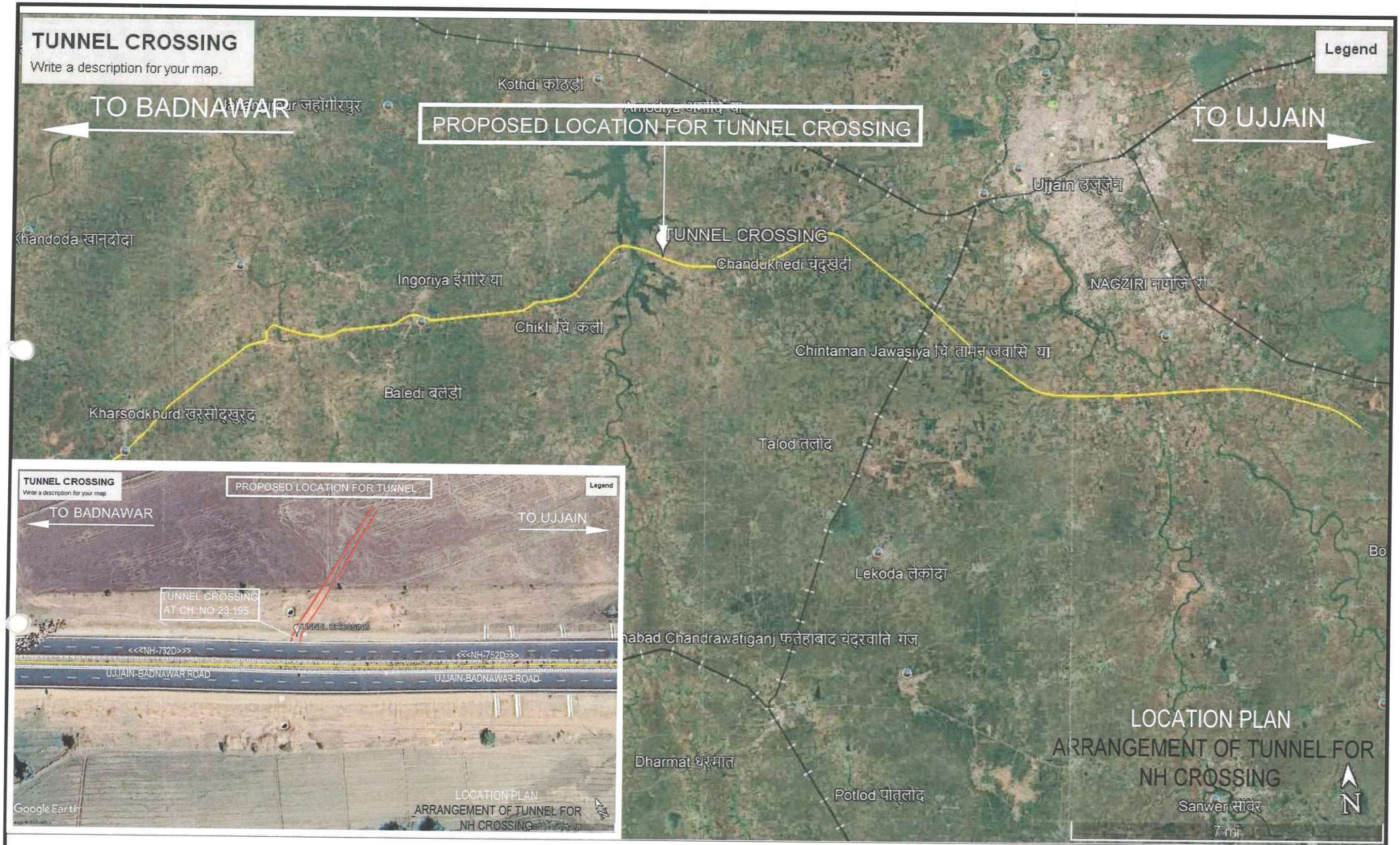
L.N. MALVIYA INFRA PROJECTS PVT. LTD. UJJAIN (M.P.)

VENSAR UJJAIN PROJECT

Project Director
NHAI, PIU- Ujjain (M.P.)

Manager (Tech.)
NHAI PIU Ujjain (M.P)






LOCATION : NALWA (UJJAIN)

## 50KM STRETCH PLAN

**GOVERNMENT OF MADHYA PRADESH**
**WATER RESOURCES DEPARTMENT**