

Government of India
Ministry of Road Transport & Highways
(Regional Office, Ranchi)

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No. RW/Ranchi/OFC/102/2024-25/ 80

Dated: 20th Feb, 2026

To,

The Chief Engineer (NH),
Road Construction Department,
Engineer's Hostel, HEC Campus,
Dhurwa, Ranchi

Sub: Proposal for permission for laying drinking water pipeline along & across NH-133A in Pakur and Dumka District-Coverage rural water supply scheme under D.W&S Division, Sahibganj in the State of Jharkhand- Reg.

Ref: (i) Your letter No.CE/NH/Misc-08/24/413(WE)/Ranchi dated 02.05.2025;
(ii) This office letter No.RW/Ranchi/OFC/102/2024-25/252 dated 16.05.2025;
(iii) EE NH Division, Deoghar letter No.141 (Anu) dated 30.01.2026.

Sir,

With reference to above it is to state that the subject mentioned proposal was earlier submitted vide your letter cited under reference (i).

2. The proposal was earlier examined and certain observations was communicated vide this office letter cited under reference (ii). Now, the proposal has been resubmitted by the EE(NH), Deoghar certifying that the pipeline has been proposed beyond toe of embankment i.e, 10m to 12 m from center of carriageway. Accordingly, based on the details certified by EE(NH), Deoghar the proposal/application is being put out in the public domain (Ministry's portal) for 30 days for seeking claims and objection (on ground of public inconvenience, safety and general public interest). However, subject to condition that State RCD shall ensure that proposal fulfills Ministry's extant guidelines and followings:

- i. The utility shall be located at appropriate location preferably as close to the extreme edge of ROW.
- ii. Utility services shall be laid in the utility ducts, if provided for the propose.
- iii. In stretches where utility ducts have not been provided the utility services shall be located, beyond the toe line of the embankment and drains as close to the extreme edge of the ROW as possible.
- iv. It is to be ensured that at no time there is interference with the drainage of the roads land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level.
- v. No utility service shall be laid over existing culverts and bridges except through the utility ducts where such provision exists. In case of absence of such

- provisions. The applicant shall make his own arrangement for crossing of cross drainage structure, rivers etc. below the bed.
- vi. In exceptional cases where ROW is restricted the utility services can be allowed beneath the carriageway of service road subject to the condition that the utility service be laid in concrete ducts which will be designed to carry traffic on top. The width of the duct in such case shall not be less than one lane. In cases, it also needs to be ensured that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the applicant.
 - vii. The utility services shall cross the National Highways either through structure or conduits specially built for the purpose. The casing/conduit pipe should, as minimum extend from drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the specification of the Ministry.
 - viii. Existing drainage structures shall not be allowed to carry the lines across.
 - ix. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
 - x. The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
 - xi. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm wider (but not more than 60 cm wider) than the outer diameter of utility pipe. Filling of the trench shall conform to the specifications contained herein below or as supplied by the Highways Authority.
 - xii. Bedding shall be to a depth not less than 30cm 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 edges should be escalated and replaced by selected material.
 - xiii. The backfill shall be compacted in two stages (i) Side-fill to the level of the top of the pipe (ii) over fill to the bottom of the road crust.
 - xiv. The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical compaction and controlled addition of moisture to 95% of the modified proctor's density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding shall not be permitted.
 - xv. The road crust shall be built to the same trench as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
3. Subject to above, if no claims and objection (on ground of public inconvenience, safety and general public interest) are received within 30 days from the date of invitation of public comments, the applicant may be asked to submit requisite license fee for public utility for a sum equal to utilized NH land area X prevailing circle rate of land per unit area X 1.5% per annum, subject to minimum of Rs.10,000/-, with 6% annual increment (utilized NH land area shall include area of support system/tower but not include projection of utility on ground). License fee for total term of license (up to

maximum of 5 years) shall be deposited in advance and performance BG calculated @ Rs.50 per m for pipe of diameter upto 300mm Rs.100 per m for pipe of diameter from 300mm to 1000 mm and Rs. 500 per m for pipe of dimension >1000mm as per Ministry's extant guidelines. The Bank Guarantee shall be drawn in favour of the Executive Engineer, NH Division, RCD, Deoghar and the requisite license fee is required to be deposited through NTRP portal i.e www.bharatkosh.gov.in in RPAO(NH), Kolkata, PAO Code Number-034756 and DDO (Code Number-202122), purpose: License fee for laying of utility services and the challan generated & copy of BG duly confirmed from concerned bank may be submitted to this office

Yours sincerely,


(Ram Chandra Marndi)
Assistant Engineer
for Regional Officer

Copy for information necessary action to:

- The Executive Engineer, NH Division, RCD, Deoghar.