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भारत सरकार / Govt. of India
सड़क परिवहन एवं राजमार्ग मंत्रालय/
Ministry of Road Transport & Highways
क्षेत्रीय कार्यालय, केन्द्रीय सदन, छठा तल, सेक्टर-९ ए, चंडीगढ़-१६०००९
Regional Office, Kendriya Sadan, 6th Floor, Sector-9 A, Chandigarh-160009

No. RW/CH/PB/NH-703B/Km.10.850/NOC/2439/2025/1476-77

Dated: 08.10.2025

To,

Senior Technical Director, NIC, Transport Bhawan, New Delhi - 110001.

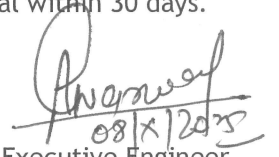
Sub: Proposal for NH crossing of Sewage Drainage at NH-703B RD KM 10.850, Moga to Makhu road at Kot Isse Khan Town District Moga. - Punjab Water supply & sewer.

Ref: Punjab State PWD memo No. no. 1804 dated 01/09/2025

Sir,

Kindly refer to the letter cited under reference above received from CE(NH), PWD (B&R), Punjab, forwarding therewith the subject proposal for consideration of this office.

2. As per Para 4 of this Ministry's guidelines dated 22.11.2016, the application so received will have to be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest). In view of the same, please find enclosed herewith the details of proposal mentioned above. The competent Authority has decided to upload the instant proposal on the Ministry's website to invite public comments, if any, on the proposal within 30 days.


08/10/2025

Executive Engineer
For H.A. MoRT&H, Jammu

Encl.: As above

Copy to: Executive Engineer, NHD, PWD (B&R) Br., Ferozepur - for kind information please.

CHECK-LIST

Guidelines for processing the proposal for laying of Utility line in the land along/across National Highways vested with NHAI/PWD/BRO. As per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016


General Information

- | | |
|---|-------------------------------|
| 1. Name and Address of the Applicant/Agency | : Punjab water supply & sewer |
| 2. National Highway Number | : NH-703B |
| 3. State | : Punjab |
| 4. Location | : Kotise khan to Makhu Road |
| 5. Chainage in KM | : CHKM 10.850(LHS to RHS) |
| 6. Length in meters | : 31.00m |
| 7. Width of available ROW in both side | : 31.00m |
| 8. Side of NH (left or right side of NH And increasing chainage/Km direction) | : LHS to RHS |
| 9. Name of Highway Authority of NHAI/PWD/BRO | : EXECUTIVE ENGINEER |
| 10. Highway Administration address | : PWD& BR FIROZEPUR |

Nardeep Singh
Sub Divisional Engineer,
National Highway Sub Division,
PWD B&R, Moga


(Signature)
Executive Engineer,
National Highway Division
PWD B&R, Ferozepur.


Item	Measurement Observation as per condition	MORTH Norms	Whether complying with MORTH Norms (Y/N)
Details of already laid utility services, If any	No such existing utility available		Yes
Whether up gradation of the stretching near future is proposed or not	No		Yes
(a) If yes provision of utility adversely affects the plan of up-gradation		Not affect plan of up- gradation	
Laying of the utility service along the National Highways.			
Location of proposed utility service along the stretch	Not applicable	Utility Duct/beyond the toe line of the embankment and drains, and close to the extreme edge of the ROW.	Not applicable
Depth of top of utility service from ground level	Not applicable	0.6 meter	Not applicable
Mechanism for crossing water channel	Not applicable	Through utility duct (if provision exists) or beneath the bed of water channel	Not applicable
Whether ROW is restricted in this stretch?	Not applicable		Not applicable
If yes, whether provision of land acquisition is required to lay utility	Not applicable		Not applicable
(a) If yes, whether undertaking for land acquisition along with relevant L.A. details has been furnished	Not Applicable		Not Applicable
Width of concrete duct, if utility services are proposed to be laid in concrete ducts	Not Applicable	Not less than one lane	Not Applicable
Laying of utility service across the NH			
Whether Existing drainage structures is allowed to carry the utility lines	No	Not to be allowed	Yes
Proposed crossing of utility service	Perpendicular to NH	Perpendicular to NH	Yes
Type of casing pipe/conduit carrying the utility line.	1400mm dia. C.I Pipe & 800mm dia. NP3 pipe	Steel, cast iron, or reinforced cement concrete and have adequate strength	Yes
Whether ends of the casing/conduit pipe are sealed from the outside	Yes	Sealed	Yes
Length of casing/conduit pipe crossing NH.	31.00m	Extend from drain to drain in cuts and toe to toe of slope in the fills	Yes
Depth of top of the casing/conduit pipe.	5.63 m	At least 1.2 m below the top of sub grade	Yes
Crossing method in case of CC pavement Horizontal	Trenchless Method	Pipe Jacking method	Yes


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 National Highway Sub Division,
 PWD B&R, Moga


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Horizontal and vertical clearance in case utilities are allowed overhead,	N/A (Underground Only)	In accordance with IRC codes	Not Applicable
Document / Drawings enclosed with the proposal	Yes Enclosed		
Cross-section showing the size of trench for open trenching method	Not applicable	Enclosed, if applicable	Not Applicable
(a) Trench width	Not applicable	More than 30cm and less than 60cm wider than the outer diameter of the utility pipe	Not applicable
(b) Filling of trench	Not applicable	As per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016	Not applicable
(c) Location of trench	Not applicable	Extreme edge of the ROW	Not applicable
Cross section showing the size of pit and location of conduit for HDD method	Enclosed	Enclosed, if applicable	Yes
Strip plan /Route plan showing utility line, chainage, width of ROW, distance of proposed	Enclosed	Enclosed	Yes
Utility from the edge of ROW, important milestones, intersection, cross drainage work etc.			
Plan and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility	Not applicable	Enclosed	Not applicable
Methodology of laying of utility line	Trenchless Method	Enclosed	Yes
Draft License Agreement is as per Ministry guidelines vide letter no. RW/NH- 34044/29/2015/S&R (R) dated 22.11.2016 and signed by two witness	Enclosed	Enclosed	Yes
License fees in Favour of MoRTH & H RPAO	Will be submitted	As per Ministry vide circular no. RE/NH-33044/29/2015/S&R(R) dated 22.11.2016	Yes
Whether Bank Guarantee has been obtained	Will be obtained at the time of permission.	As per Ministry vide circular no. RE/NH-33044/29/2015/S&R(R) dated 22.11.2016	Yes
(a) if yes, whether Confirmation of BG has been obtained as per MoRTH/NHAI guidelines			
Affidavit/Undertaking from the Application for			
Undertaking for not to damage other existing utility, if damaged then to pay the losses to either to MoRTH/NHAI or to the concerned agency.	Enclosed	Enclosed	Yes
Undertaking for renewal of Bank Guarantees and when asked by NHAI/MORTH	Enclosed	Enclosed	Yes
Undertaking for confirming all standard condition of MoRTH/NHAI guidelines.	Enclosed	Enclosed	Yes


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 National Highway Sub Division,
 PWD B&R, Moga


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 National Highway Division
 PWD B&R, Ferozepur.

Undertaking for shifting of utility as and when asked by MoRTH/NHAI within a month at their own cost	Enclosed	Enclosed	Yes
Undertaking for indemnity Against all damage and claims	Enclosed	Enclosed	Yes
Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Enclosed	Enclosed	Yes
Undertaking that if any claim is raised by the concessionaire contractor then the same has to be paid by the applicant	Enclosed	Enclosed	Yes
Undertaking that the applicant has obtained various safety clearances from the representative authorities such as directorate of electricity, Chief controller of explosives, petroleum and explosive safety Organization, Oil Industry Safety directorate, State/Central Pollution Control Board and any other statutory clearance S Applicable, before applying to Highway Administration	Not Applicable for CGD Projects	Enclosed	Yes

Right of the Way (ROW) of the National Highway available at the proposed location from the enter centre line of divided carriageway is 31.00m from centre of ROW towards proposed utility.

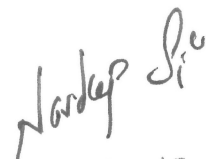
The above particulars along with the drawings and documents have been verified and certified as correct as per prevailing site conditions


Gurwinder Singh

(Sub Divisional Officer of Punjab water supply and Sewage)

Sub Division Moga, Punjab

EXECUTIVE ENGINEER, PWD& BR FIROZEPUR


Sub Divisional Engineer,
National Highway Sub Division,
PWD B&R, Moga


Executive Engineer,
National Highway Division
PWD B&R, Ferozepur.

METHODOLOGY

I Gurwinder Singh (Sub Divisional Officer of Punjab water supply and Sewage), Sub Division Moga, Punjab for crossing of Proposed Sewage pipe Line for Sewage Purpose across the NH-703B , at Kot ise khan to Makhu Road, RDKM 10.850(LHS to RHS), on Koti- Shekhan- Makhu Road, Tehsil Dharamkot, District Moga Punjab do hereby solemnly affirm and declare as under:-

Description

At locations shown on the plans, 1400mm dia. C.I Pipe & 800mm dia. NP3 pipe shall be jacked into place underneath the existing pavement in accordance with the following requirements:

1. Materials

When jacked pipe is specified, the class of pipe specified in the contract item will be determined for vertical load only. Additional reinforcement or strength of pipe required to withstand jacking pressure shall be determined and furnished by the contractor at his own expense.

2. Construction Requirements

- i. Variations from theoretical alignment and grade for the completed jacked pipe shall not exceed 1.2" for each 20' of pipe.
- ii. The excavated hole shall not be more than 1.2" greater than the outside diameter of the pipe. When material tends to cave in from outside these limits, a metal shield shall be used ahead of the first section of pipe when jacking or pushing.
- iii. The jacking equipment shall be operated by experienced workers and in a manner meeting the approval of the engineer.
- iv. Any areas resulting from caving or excavation outside of the above specified limits shall be backfilled with cementations grout which will fill the voids and any annular space surrounding the pipe.

3. Method of Measurement

Measurement of jacked pipe, complete in place, will be made in accordance with Section 726.8.1 of the Standard Specifications.



METHODOLOGY

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1. National Highway Crossing:-

National Highway, Nallah and culverts shall be crossed by Trenchless technology method.

2. Trenching:-

Trenching work in open area shall be done by manual digging method.

3. SHORTER CONTRUCTION PERIOD.

Trenchless construction requires the shorter construction period than the conventional crossing

4. GREATER RELIABILITY

Generally, the minimum cover be increased or decreased as per the site/National Highway Authority is requirements.



Gurwinder Singh

(Sub Divisional Officer of Punjab water supply and Sewage)

Sub Division Punjab

