## No. RO/LKO/US/NH-235/Km.03.900-km.5.506/2021 | 9 0

#### Government of India

#### Ministry of Road Transport & Highways (Chief Engineer - Regional Office, Lucknow)

N.H. Bhawan, Biotech Chowk, Lucknow Ring Road, Vikas Nagar, Lucknow - 226 022 Ph.: (0522) - 2967112, 2738226 (Tele-Fax)

Dated: 21.04.2022

### Invitation of public comments

Sub.: Proposal for NOC permission for crossing of water supply pipeline in Km.03.90 to km.5.506 (total length of 1636 meter) of NH-235 (Hapur road) in the state of Uttar Pradesh -

The Project Manager, Urban Work Unit-II, U.P. Jal Nigam, Merrut has submitted the proposal for laying & crossing of 250mm, 300mm & 350mm water supply pipeline through trenchless HDD method in Km.03.900 to km.05.506 (total length of 1636 meter) of NH-235 at district -Merrut in the State of Uttar Pradesh to Chief Engineer (NH), PWD, Lucknow for consideration.

- The above proposal has been examined in this office in light of Ministry's guidelines 2. issued vide OM No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016. As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application shall 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 above, comments of the public on the above application (checklist 3. enclosed) is invited to the below mentioned address:

The Chief Engineer - Regional Officer, Ministry of Road Transport & Highways, N.H. Bhawan, Biotech Chowk, Lucknow Ring Road, Vikas Nagar, Lucknow - 226 022.

Encl.: As above.

Yours faithfully,

(Mohd. Zaid) Assistant Executive Engineer

for Chief Engineer - Regional Officer

Copy to:

NIC, New Delhi - for uploading on the Ministry's website.

The Chief Engineer (NH), UP PWD, Nirman Bhavan, 96, M. G. Marg, Lucknow. (i) (ii)

> (Mohd. Zaid) Assistant Executive Engineer for Chief Engineer - Regional Officer

# CHECK LIST AS PER GUIDELINE OF GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT 2 HIGHWAYS, LETTER NO. RW /NH -33044 /29 /2015 /S&R (R) Dated 22,11.2016

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Ends of the casi	ready withdrawal of the carrier pipe /cable	ə
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The casing /cond	na /Conduit nine	30.00 m
1,10 000119 .3011		1 Yes -Agreed
drain to drain in o	luit pipe should as minimum extend from	<del>)</del>
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O. S. Dorth of Embode	luit pipe should as minimum extend from outs and toe of slope to toe of slope in the	11/4 - A
The top of the C	luit pipe should as minimum extend from outs and toe of slope to toe of slope in the	2) Yes- Agreed
metre below the	ent of the Casing /Conduit Pipe  asing /conduit pipe should be at least 1.2	t
0.3 m below the d	ent of the Casing /Conduit Pipe  asing /conduit pipe should be at least 1.2	
2.6 Method of Istallati	ent of the Casing /Conduit Pipe asing /conduit pipe should be at least 1.2 surface of the road subject to being at least	
2.0 Welliod of Istaliati	luit pipe should as minimum extend from outs and toe of slope to toe of slope in the ent of the Casing /Conduit Pipe asing /conduit pipe should be at least 1.2 ourface of the road subject to being at least	By Horizontal Directional Drilling Method

J.C.

+ A.V.E.

6.0

Assistant Engineer NH Division, PWD, Ghaziabad

Executive Engineer
N.H. Div. P.W.D.

Ghaziabad

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	2.6.1	The casing /conduit pipe may be installed under the road	By Harizantal Directional Drilling Method
		embankment either by boring or digging a trench installation	Trenchlese
		by boring method shall be preferred specially where the	Helicilless
		existing road pavement is of cement concrete or dense	
		bituminous concrete type.	
-	2.6.2	The casing /conduit pipe shall be installed with an even	Vos Agraed
	2.0,2	bearing throughout its length and in such a manner as to	res Agreed
		prevent the formation of a waterway along it.	
-	2.7		
-	2.7	Installation by Trenching Method	Voc. Associa
	2.7.1	The sides of the trench should be done as nearly vertical as	Yes - Agreed
		possible. The trench width should be at least 30cm but not	
		more than 60cm wider than the outer diameter of the pipe	
-	070	Tillian of the transh shall conform to the appointantion	Vos. Agrood
1	2.7.2	Filling of the trench shall conform to the specification	res - Agreed
		contained herein below or as supplied by the Highway	
-	272	Authority  Bedding shall be to a depth of not less than 30cm it shall	Ves - Agreed
	2.7.3	Consist of granular material, free of lumps clods and cobbles	les - Agreeu
		and graded to yield a firm surface without sudden change in	
		-	
		the bearing value Unsuitable soil and rock edges should be	
-	0.7.4	excavated and replaced by selected material.  The back fill shall be completed in two silages (i) side -fill to	Vos - Agreed
	2.7.4		res - Agreed
		the level of the top of the pipe and (ii) overfill to the bottom of	•
-	2.7.5	the road curst.  The side fill shall consist of granular material laid in 15cm	Yes - Agreed
	2.7.5	layers each consolidated by mechanical tempering and	, <b></b>
		controlled addition of moisture to 95% of the Proctor's Density	
		Overfill shall be compacted to the same density as the	
		material that had been removed Consolidation by saturation	
		or pending will not be permitted.	
-	2.7.6	The road crust shall be built to the same strength as the	Yes - Agreed
		existing crust on either side of the trench or to thickness and	
		specifications stipulated by the Highway Authority Care shall	
		be taken to avoid the formation of a dip at the trench.	
1	2.8	Precautions when constructing by Trench Method.	
	2.8.1	The excavation shall be protected by flagman sign board	As directed by department
		barricades and red lights during high hours.	
	2.8.2	One lane of road shall be kept open to traffic at all times, in	Yes - Agreed
		case of single lane roads a diversion shall be constructed at	
		the expense of agency owning the utility lime.	
	3	General A that the shall be abtained before	Vac Agmed
	3.1	Approval of the Highway Authority shall be obtained before	res - Agreed
		undertaking any work of installation shifting or repairs or	
		alternations lined located in the National Highway right-of	
		<ul> <li>-ways.</li> <li>Expenditure if any incurred by the Highway Authority for</li> </ul>	Yes - Agreed
	3.2	repairing any damage caused to the National Highway by the	
		laying maintenance of shifting of the utility line will be bome	
		laying maintenance of shifting of the utility line will be borned	
	2.2	by the agency owning the line.  If the Highway Authority considers it necessary in the utility	Yes - Agreed
	3.3	line for any work of improvement or repair to the edge. It will	_
		be carried out as desired by the Highway Authority at the	
		cost of the agency owning the utility line within a reasonable	
		time(nor exceeding 60 days) of the intimation given.	
		miliotisi ovossenia za zava / za	

Assistant Engineer Executive Engineer N.H. Div. P.W.D.
Ghaziabad
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