

**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)

Date: 12.09.2018

**Invitation of public comments**

**Sub.: NOC permission for laying RCC trunk sewer and trenchless sewer along NH-235 at Ch. 5.000 to 7.325 and Ch. 7.325 to 7.450 - Reg.**

1. The Project Manager, Uttar Pradesh Jal Nigam, Meerut has submitted the proposal for laying RCC trunk sewer and trenchless sewer along NH-235 at Ch. 5.000 to 7.325 and Ch. 7.325 to 7.450 to the Executive Engineer, NH Division, Ghaziabad for consideration.
2. 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).
3. In view of the above, comments of the public on the above application is invited to the below mentioned address:

The 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,



(Lalit Pratap Pal)  
Assistant Executive Engineer  
for Chief Engineer - Regional Officer

**Copy to:**

- (i) NIC, New Delhi - for uploading on the Ministry's website.
- (ii) The Chief Engineer (NH), Public Works Department, Government of Uttar Pradesh, Nirman Bhavan, 96, M. G. Marg, Lucknow - 226 001.

  
(Lalit Pratap Pal)  
Assistant Executive Engineer  
for Chief Engineer - Regional Officer



## कार्यालय परियोजना प्रबन्धक,

नगर कार्य इकाई (द्वितीय) 220, सिविल लाइन्स, उ० प्र० जल निगम, मेरठ-250 001  
दूरभाष : 0121-2649234, फ़ैक्स : 0121-2640184, Email : urbanworkiimeerut@yahoo.com

पत्रांक : 632

/ NHAI

12

दिनांक : 26.07.17

सेवा में,

अधिशाली अभियंता  
राष्ट्रीय राजमार्ग खण्ड  
लो०नि०वि० गाजियाबाद।

877/12

31.7.17

विषय :-

राष्ट्रीय राजमार्ग - 235 में कि०मी० 5.00 से 7.325 कि०मी० के मध्य आर०सी०सी० ट्रंक सीवर पक्की सड़क दायी तरफ तथा कि०मी० 7.325 से 7.450 में ट्रेन्चलैस सीवर दायी तरफ व 7.450 कि०मी० पर क्रास कर ट्रेन्चलैस पद्धति द्वारा सीवर लाईन डाले जाने हेतु उत्तर प्रदेश जल निगम मेरठ के प्रस्ताव के प्रस्ताव पर अनुमति के सम्बन्ध में।

संदर्भ :-

1. भारत सरकार सड़क परिवहन एवं राजमार्ग मंत्रालय (अनुभाग एन०एच० 2) परिवहन भवन, 1, संसद मार्ग, नई दिल्ली के पत्रांक एन०एच०-12037/76/2015/यू०पी०/एन०एच०-1। दि० 17 अप्रैल, 2017
2. कार्यालय अधिशाली अभियंता रा०रा०मार्ग खंड लो०नि०वि० गाजियाबाद के पत्रांक 1419/IC दिनांक 30.06.2017 एवं 1556/IC दिनांक 18.07.2017।
3. भारत सरकार सड़क परिवहन एवं राजमार्ग मंत्रालय एन०एच० भवन, क्षेत्रीय कार्यालय बायोटेक चौराहा, लखनऊ रिंग रोड विकास नगर लखनऊ के पत्रांक RO/LKO/Misc./2017-18/1417 दिनांक 05.07.2017।

महोदय,

उक्त विषयक भारत सरकार सड़क परिवहन एवं राजमार्ग मंत्रालय एन०एच० भवन लखनऊ के पत्रांक RO/LKO/Misc./2017-18/1417 दिनांक 05.07.2017 के अनुक्रम में दो नग झाईंग सैट अधीक्षण अभियंता 28 वॉ वृत्त राष्ट्रीय राजमार्ग, लोक निर्माण विभाग बरेली को भिजवाने के लिए आपकी संस्तुति हेतु प्रेषित है। अतः उक्त के संदर्भ में आवश्यक कार्यवाही करने का कष्ट करे।

यहाँ यह भी अवगत कराना है कि भारत सरकार सड़क परिवहन एवं राजमार्ग मंत्रालय एन०एच० भवन लखनऊ के उपरोक्त पत्रों के अनुक्रम में वांछित प्रस्ताव मय प्रपत्र एवं झाईंग, एग्रीमेंट सहित आपके कार्यालय पत्रांक 1556/IC दिनांक 18.07.2017 के माध्यम से अधीक्षण अभियंता 28 वॉ वृत्त राष्ट्रीय राजमार्ग, लोक निर्माण विभाग बरेली को आपके द्वारा संस्तुति कर पूर्व में प्रेषित कर दिया गया है। उक्त एग्रीमेंट में आर०सी०सी० की ट्रंक सीवर लाईन पक्की सड़क के दायी और कच्चे में डाली जानी प्रस्तावित है।

संलग्नक :- उपरोक्तानुसार।

भवदीय

(मुन्ना सिंह)

परियोजना प्रबन्धक

पृ० सं० एवं दिनांक उपरोक्तानुसार।

प्रतिलिपि :- निम्नलिखित को सादर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. मुख्य अभियंता (जे०एन०एन०यू०आर०एम०), स्तर-1 उ०प्र० जल निगम, लखनऊ। (संलग्नक सहित)
2. मुख्य अभियंता (गा०क्षेत्र) स्तर-2 उ०प्र० जल निगम गाजियाबाद।
3. मुख्य अभियंता (रा०मा०), लो०नि०वि०, लखनऊ को उक्त पत्रांक के अनुक्रम में इस अनुरोध के साथ कि एन०ओ०सी० दिलवाना चाहें। (संलग्नक सहित)
4. आयुक्त मेरठ मण्डल, मेरठ।
5. अधीक्षण अभियंता अस्थाई निर्माण मण्डल उ०प्र० जल निगम मेरठ। (संलग्नक सहित)
6. जिलाधिकारी जनपद मेरठ।
7. नगर आयुक्त नगर निगम, मेरठ।
8. अधीक्षण अभियंता 28 वॉ वृत्त राष्ट्रीय राजमार्ग, लोक निर्माण विभाग बरेली
9. इ० श्री बी०के०गर्ग परियोजना अभियंता।

परियोजना प्रबन्धक



## CHECK LIST

1	Laying of utility lines along the National Highways	
1.1	The utility lines shall be located as close to the extreme edge of the right of way as possible but not less than 15 metre from the centre line of the nearest carriageway.	Sewer will be Laid 13.00 M from center line of road or end of R.O.W. (ey)
1.2	The utility lines shall not be permitted to run along the National Highway when the road formation, is situated in double cutting Nor shall they be laid over the existing culverts and bridges without the prior approval of Government of India.	Not Applicable
1.3	The lines shall be so placed that at no time there is interference with maintenance of the National Highways.	Yes
1.4	These should be so laid that their top is at least 0.6 metre below the ground level or as otherwise directed by the Highway authority so as not to obstruct drainage of the road land.	Sewer line Laid 3 to 6 M deep from existing ground level. ✓ R
1.5	For all major bridges of 60 M or more in length to be constructed in future on National Highway the requirement of concerned Departments should be ascertained in advance and suitable provision in the form of ducts etc. made in the Project estimates. Any proposal to lay an electric cable carrying, high tension lines should be covered by a certificate that it will not have any deleterious effects on any of the bridge components and road way safety for traffic.	Not Applicable
2	Laying of the Utility Lines Across National Highways	N.A.
2.1	Location	
2.1.1	The lines shall cross the National Highway preferably on a line normal to it or as nearly so as practicable.	
2.1.2	Crossing shall not be too near the existing structures on the National Highway the minimum distance being 15 metre or as specified by the Highway Authority.	
2.2	Method of Crossing	
	The utility lines shall be permitted to cross the National Highway either encased in pipes or through structure or conduits specially built for that purpose at the expense of the agency owning the line Existing drainage structure shall not be allowed to carry the lines across unless specially permitted by the Government of India.	
2.3	Casing (Conduit) pipe	Not Applicable
	The casing pipe (or conduit pipe in the case of electric cable) 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 Ends of the casing conduit pipe shall be sealed from the outside so that it does not act as a drainage path.	
2.4	Length of the Casing /Conduit pipe	Not Applicable
	The casing /conduit pipe should as minimum extend from drain to drain in cuts and toe of slope to toe of slope in the fills.	
2.5	Depth of Embedment of the Casing /Conduit Pipe	Not Applicable
	The top of the casing /conduit pipe should be at least 1.2 metre below the surface of the road subject to being at least 0.3 m below the drain inverts.	
2.6	Method of Installation of the Casing /Conduit Pipe	

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2.6.1	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 specially where the 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 bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	
2.7	Installation by Trenching Method	Not Applicable
2.7.1	The sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30cm but not more than 60cm wider than the outer diameter of the pipe	Not Applicable
2.7.2	Filling of the trench shall conform to the specification contained herein below or as supplied by the Highway Authority	Not Applicable
2.7.3	Bedding shall be to a depth of 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 excavated and replaced by selected material.	Not Applicable
2.7.4	The back fill shall be completed in two stages (i) side -fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Not Applicable
2.7.5	The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tempering and 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 ponding will not be permitted.	Not Applicable
2.7.6	The road crust shall be built to the same strength as the 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.	Not Applicable
2.8	Precautions when constructing by Trench Method.	Not Applicable
2.8.1	The excavation shall be protected by flagman sign board barricades and red lights during high hours.	As directed by department
2.8.2	One lane of road shall be kept open to traffic at all times, In case of single lane roads a diversion shall be constructed at the expense of agency owning the utility line.	Yes - Agreed
3	General	
3.1	Approval of the Highway Authority shall be obtained before undertaking any work of installation shifting or repairs or alternations lined located in the National Highway right-of-ways.	Yes
3.2	Expenditure if any incurred by the Highway Authority for repairing any damage caused to the National Highway by the laying maintenance of shifting of the utility line will be borne by the agency owning the line.	Yes
3.3	If the Highway Authority considers it necessary in the utility 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.)	Yes

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