



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

क्षेत्रीय कार्यालय-पश्चिम उ०प्र०, लखनऊ

Regional Office - West UP, Lucknow.

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19001/1/RO-W-UP/NH-509/Km. 85.680-120.680/CSPL/ **805** Dated: 20.07.2021

### Invitation of Public Comments

**Sub:** Proposal for permission for laying of 8" Ø Carbon Steel Gas Pipeline (LHS) from NH Ch. 85.680 (Maheshpur Chauraha) to Ch. 120.680 (Bheempur Chowk) along NH-509 crossing of NH at 3 Locations in the State of Uttar Pradesh State.

The Associate Manager Projects M/s Indian Oil-Adani Gas Pvt. Ltd., Aligarh has submitted the aforesaid proposal for permission for laying of 8" Ø Carbon Steel Gas Pipeline (LHS) from NH Ch. 85.680 (Maheshpur Chauraha) to Ch. 120.680 (Bheempur Chowk) along NH-509 crossing of NH at 3 Locations in the State of Uttar Pradesh State.

2. From the submitted proposal, it is seen that as per checklist the Gas Pipe line is proposed 8" Ø Carbon Steel Gas Pipeline (LHS) from NH Ch. 85.680 (Maheshpur Chauraha) to Ch. 120.680 (Bheempur Chowk) (length = 35000m) along NH-509 crossing of NH at 3 Locations (at Ch. 86+280, Ch. 88+400 & Ch. 97+500 respectively). Further, it has been mentioned that the Left as well as Right side from centre line towards increasing chainage/km direction is 18.5m/Variable. Applicant has proposes Methodology for laying/crossing of Gas Pipeline through open trench and HDD Method. However, if the proposal found in order, permission will be given only through HDD method for executing the work, so that surface can be damaged minimal and work can be executed rapidly.

3. 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 is invited to the below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

*Singh*  
20/07

Contd.....2/-

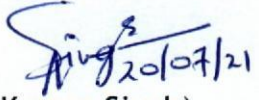
*"Building a nation, not just Roads."*

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The General Manager cum Regional Officer,  
National Highways Authority of India  
Regional Office, UP-West, Lucknow  
3/248, Vishal Khand, Gomti Nagar  
Lucknow-226 010

This issues with the approval of RO-UP (West), Lucknow.

Encl: As above.

  
(Anuj Kumar Singh)  
Manager (Tech.)  
For RO-UP (West)

Copy to:

1. Web Admin, NHAI, HQ - with a request for uploading on the NHAI website.
2. The Technical Director, NIC, Transport Bhawan, New Delhi - with a request for uploading on Ministry's website.
3. PD, PIU-Moradabad for information.
4. The Associate Manager Projects M/s Indian Oil-Adani Gas Pvt. Ltd., Aligarh for information.



## CHECK-LIST

Guidelines for Project Director for processing for laying of Natural Gas CS Pipeline in the land along National Highways No-509


### Relevant Circulars

1. Ministry Circular No. NH-41 (58)/68 dated 31.01.1969
2. Ministry Circular No. NH-III/P66/76 dated 19.11.1976
3. Ministry Circular No. RW/NH-IIIP/66/76 dated 11.05.1985
4. Ministry Circular No. RW/NH-11037/86/DOI(ii) dated 28.07.1993
5. Ministry Circular No. RW/NH-11037/86/DOI dated 19.01.1995
6. Ministry Circular No. RW/NH-34066/2/95/S&R dated 25. 10.1999
7. Ministry Circular No. RW/NH-330231/19/99-DOM-III dated 17.10.2003
8. Ministry Circular No. RW/NH 330044/29/2015/S&R(R) Dated 22/11/2016

Check List for getting approval for laying of Natural Gas CS Pipeline in the land along National Highways No-509

Sr.No.	Item	Information/ Status	Remarks
	<b>General Information</b>		
1.1	Name and Address of the Applicant / Agency	IndianOil-Adani Gas Pvt. Ltd. 3 <sup>rd</sup> Floor, 306-309, Salcon Aurum, Plot No-4, Jasola District Centre, New Delhi-110025	
1.2	National Highway Number	NH- 509	
1.3	State	Uttar Pradesh	
1.4	Location	Maheshpur Chauraha (Km- 85.680) to Bheempur Chowk (Km- 120.680)	
1.5	(Chainage in km)	From NH Ch. Km- 85.680 to NH Ch. Km- 120.680	
1.6	Length in Meters	35,000 Mtrs	
1.7	Width of available ROW in both side		
	A. Right Side from center line towards increasing change /KM/ direction	19.5	
	B. Left Side from center line	19.5	



  
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	towards increasing change /KM/ direction		
1.8	Proposal to lay underground Natural CS Gas Pipeline	NHAI	
	A. Right Side from center line towards increasing change /KM/ direction		
	B. Left Side from center line towards increasing change /KM/ direction	85.680 To 120.680	
1.9	Proposal of acquire land		
	A. Right side of center line	N.A	
	B. Left side of center line	N.A	
1.10	Whether proposal in the same side where land is not to be acquire	No acquisition of land required	
	If not then where to lay the pipeline	Along & across the national highway	
1.11	Details of already laid services if nay along the proposed route		
1.12	No of lanes (2/4/6/8) exiting	2 lane	
1.13	Proposed no of lane (2 lanes with paved shoulder 4/6/8 lanes )	N.A	
1.14	Service road existing or not	No	
	If yes then which side		
	a)left side from center line	NA	
	b) Right side from center line	NA	
1.15	Proposed service road		
	a)left side from center line		
	b) Right side from center line		
1.16	Whether proposal to lay Gas line is after the service road or between the service road main carriageway	After service road	
1.17	The permission for laying of Gas Pipeline shall be considered for approval /rejection based on the ministry circular mentioned as above.		
	I. carrying of gas pipeline on highway bridge shall not be permitted as gases pipes can accelerate the processes of corrosion or may cause exposing thus , being much	N.A	



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	more injurious than leakage of gas		
	II. Carrying of Gas Pipeline on bridge shall also discouraged however if the gas supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized they may be permitted to carry the pipeline in independent super structure supported on extended [portion of piers and abutments in such manner that in the final arrangement enough free space in the super structure of the bridge remain available for inspection and repairs etc.	N.A	
	III. Cost of require extension of the substructure as well as that of the supporting super structure shall be borne by the agency in charge of the utilities.	N.A	
	IV. service are not being allowed in discrepantly on the parapet any part of the bridge safety of the bridge has to be kept in view while permitting various services along bridge approvals to be accorded in this regard with the concurrence of the	N.A	



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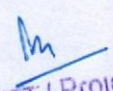
	ministry project chief engineers only		
1.18	If crossing of the road involved	Yes	
	If yes it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expensed of the agency owning line	Yes	
	A. Exiting draining structures shall not be allowed to carry lines	Yes	
	B. Is it on a line normal to NH	Yes	
	C. Crossing shall not be too near the existing structure on the national highways , the minimum distance being 15 meter ,what is the distance from the existing structures.	Yes	
	D. The casing pipe (or conduit pipe in the case of electric /OFC cable) carrying the utility line shall be of steel, case iron or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/ cable	Yes	
	E. Ends of the casing pipe shall be sealed from the outside so that it does not act as draining path.	Yes	



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	F. The casing pipe should as minimum extend from drain to drain in cuts and toe of slope in the files	Yes	
	G. The top of Casing pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.	Yes	
	H. Crossing shall be boring method (HDD) specially where the exiting road pavement is of cement or dense bituminous concrete type.	Yes	
	I. The casing conduct pipe shall be installed with an even bewaring throughout its length and in such an manner as to prevent the information of a waterway along it	Yes	
2	Documents drawing enclosed with the proposals	Yes	
2.1	Cross section showing the size of trench for open trenching method (is normal size of 1.2 m*0.3 wide )	Yes	
	1. Should be greater than 60 cm wider than outer diameter of the pipe	Yes	

  
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	2. Located at closed to the extreme edge of the right way of way as possible but not less than 15 meter from the center lines of the nearest carriageway	Yes	
	3. Shall not permitted to run along the national highway when the road formation is situated in double cutting, Nor shall these be laid over then existing culverts and bridge	Yes	
	4. These should be so laid that their top is least 0.6 meter below the ground level so as not to obstruct draining of the road land	Yes	
2.2	Cross section showing the size of pit and location of pipe for HDD method	Attached	
2.3	Strips plane route plan showing gas pipeline chain age width of row distance of proposed cable form the edge of row important mile stone intersections , cross drainage work etc.	Incorporated in the drawing	
2.4	Methodology for laying of Gas Pipeline	Open Cut and HDD	
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 mythology of raffling of trench	Enclosed	
	a) The trench width should be at least 30 cm but not more than 60 cm wider than the	Yes	



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	outer diameter of the pipe		
	b) for filling of the trench bedding shall be to a depth of not less than 30cm it shall be consists 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 edge should be excavated and replaced by selected material	Yes	
	c) the backfill shall be completed in two stage (i) side fill to the level of the top to the pipes and overfill to the bottom of the road crust	Yes	
	d) the side fill shall consists of granular material laid in 15 cm 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	Yes	



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	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 sign and red lights during night hours	Yes	
	g) if required a diversion shall be constructed at the expense of agency owing the utility line	Yes	
2.4.2	Horizontal directional drilling (HDD) method	Yes	
2.4.3	Laying of Gas supply Pipeline through CD works and method of laying	NA	
	i. on approaches, the water mains/cable shall be carried along a line as close to the edge of the right of way as possible up to a distance of 30 m from the bridge and subject to all other stipulation contained in this ministry guidelines issued with letter no NH-HI/P66/76 dated 19.11.1976	NA	
3	Draft license agreement signed by two witness	Yes	
4	Performance bank guarantee in favor of NHAI has to be obtained @ Rs.100/- per running meter (parallel to NH) and Rs 100000/-	Yes	




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	per crossing of NH for a period of one year initially (extendable if required till satisfactory completion of work) as security for ensuring /making good the excavated trench for lying the cables /ducts by proper filling and compaction clearing debris /loose earth produce due to execution of trenching at least 50 m away from the edge of the right of way . no payment shall be payable by the NHAI to the licenses for clearing and debris /loose earth.		
4.1	performance of BG as per above is to be obtained	Yes	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Yes	
5	Affidavit /undertaking from the application	Yes	
5.1	Not to damage t other utility if , damage then pay the losses either to NHAI or to the concerned agency	Yes	
5.2	Renewal of Bank Guarantee	Yes	
5.3	Confirmation of all the standard condition of NHAIS Guidelines	Yes	
5.4	Shifting of Gas supply pipeline as land when required by NHAI at their own cost	Yes	
5.5	Shifting due to 6 lining /widening of NH	Yes	
5.6	Indemnity against all damage and claims clause	Yes	
5.7	Traffic movement during laying of gas supply line pipe to be managed by the applicant	Yes	
5.8	If any claim is raised by the concessionaire then the same has to be paid y the applicant	Yes	



  
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5.9	Prior approval of the NHAI shall be obtained before undertaking any work if installation shifting or repairs or alteration to the showing gas supply pipe line located in the National Highways right or ways	Yes	
5.1	Expenditure if any incurred by NHAI for repairing any damage caused to the national highways by the laying maintenance or shifting of the gas supply pipeline will be borne by the agency owning the line	Yes	
5.11	If the NHAI considers it necessary in future to move the utility for any work of improvement of 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 reasonable time	Yes	
5.12	Certificate from the application in the following format		
	a. laying of Gas supply pipeline will not have any deleterious effect on any of the bridge components and road way safety for traffic	Yes	
	b. For-6 lining :we do undertake that I will relocate service road /approach road /utilities at my own cost notwithstanding the permission granted with such time as will be stipulated by NHAI “ for future six lining or any other development	Yes	
6	Who will sign the agreement on behalf of gas supply pipeline agency	Associate Manager Projects IndianOil-Adani Gas Pvt Ltd.	

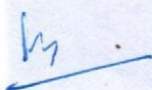


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7	Certificate from the project director		
7.1	Certificate for confirming of all standard condition issued vide ministry circular no NH-41 (58)/68 DATED 31.01.1969 , ministry circular no RW/NH-III/P/66/76 DATED 18/19.11.1976 , MINISTRY CIRCULAR NO RW/NH-34066/2/9 S&R dated 25.10.1999 and ministry circular no RW/NH-330231/19/99 dated 17.10.2003	Attached	

The above particular along with the drawing and documents has been verified and certified as correct as per prevailing site conditions.

  
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