

# 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 (उत्तराखण्ड) - मकान नं-58/37, बलबीर रोड, देहरादून- 248001

Regional Office (Uttarakhand) - House No.-58/37, Balbir Road, Dehradun- 248 001

Phone : 0135-2669752 & 62 E-mail : routtarakhand@nhai.org Website : www.nhai.gov.in



50063 /NHAI/RO-UKD/2014/17876

21-09-2022

### Invitation of Public Comments

Sub:-Proposal submitted by M/s GAIL (India) limited for Seeking Permission/NOC for laying of 8" dia Haridwar-Rishikesh-Dehradun Gas Pipeline (HRDPL) along the road through service road at Haripur Kalan (near Apsara Hotel) in a length of 66m (LHS) & 1 crossing of NH-58 at Ch.216+150 of NH-58 (Nepali Farm) in a length of 60m by open trench method-reg

The proposal is regarding permission for laying of a Public Utility "City Gas Distribution (CGD)" Steel Gas Pipeline of 8"NB along the road through service road at Haripur Kalan (near apsara hotel) from Km.208+920 to Km208+986 (LHS) of NH-58 & 1 Crossing of length 60m at Km 216+150 of NH-58 for a total length of 100m by Open trench method in the State of Uttarakhand submitted to this office by PD, PIU-Vasant Vihar vide letter no. NHAI/PIU-VSNT VHR/Retail Outlet/2021/3174 dt. 16.09.2022.(Copy enclosed)

2. The proposed locations of pipeline laying along with proposed methodology are as hereunder:

Sl. No.	Chainage in Km.			NH	Length (in m)	Methodology proposed for laying of Pipeline in this portion of highway	Remarks
	From	To	Side				
1.	208.920	208.986	LHS	58	66	Open trenching through service road (Depth-1.5m, Width-.8m)	Along
2.	At 216.150		Crossing	58	60	Open Trenching (Depth-1.5m, Width-.8m)	Across
Total length (in m)					126m		

3. As per MoRTH Guidelines no. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administrator will make available the subject proposal for 30 days in the public domain for seeking public comments/objections (on the ground of public inconvenience, safety and general public interest).

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In view of foregoing para, comments/objections of the public on the above proposal is invited to the below mentioned address, which should reach by this office within 30 days from the date of uploading beyond which no comments shall be entertained.

**The Regional Officer,  
Regional Office-Uttarakhand  
National Highways Authority of India  
(Ministry of Road, Transport & Highways)  
House No.-58/37, Balbir Road, Dehradun-248001**

Yours faithfully,

9/6  
21.05.2022

(C.K Sinha)

CGM (Tech.) cum RO-Uttarakhand

Encl: As above

Copy to:

- 1) Web Admin-NHAI HQ, New Delhi:- with request for uploading on the NHAI website.
- 2) Senior Technical Director, NIC, Transport Bhawan, New Delhi:- with request for uploading on the Ministry's Website.
- 3) PD, PIU-Vasant Vihar- for information & to take suitable necessary action w.r.t following:
  - (i) to exercise the powers & functions of Highway Administrator in pursuant to section 26 & 27 of The Control of national highways (land & traffic) act, 2002 for removal of encroachment within RoW at apsara hotel
  - (ii) MoRTH letter no. NOC enhancement/NIC/MoRTH/2022/1 dt. 13.05.2022
- 4) Senior Manager (PE), R.T. Haridwar Jwalapur-249407 (Uttarakhand):- for information & suitable necessary action.

CHECK- LIST

Guidelines for processing the proposal for laying of utility line in the land along National Highways vested with NHA/PWD/BRO

Relevant Circulars


Ministry of Road Transport & Highways guidelines vide letter No. RW/NH-33044/29/2001/S&R(R) dated 22-11-2016.


Sl.No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/ Agency	GAIL (INDIA) LTD.	
1.2	National Highway Number	NH-58 (NEW NH-34)	
1.3	State	UTTARAKHAND	
1.4	Location	NEPALI FARM	
1.5	(Chainage in km)	216.150 Km	
1.6	Length in Meters	60 mtr	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction	Width (30 mtr)	
	(b) Right side from center line towards increasing chainage/ km direction	Width (30 mtr)	
1.8	Proposal to lay the utility		
	(a) Left side from center line towards increasing chainage /km direction	216.150 Km (Length-30 mtr to	Cross Service Road & main carriage way)
	(b) Right side from center line towards increasing /km direction	216.150 Km (Length-30 mtr to	Cross Service Road & main carriage way)
1.9	Proposal to acquire land	N/A	
	a) Left side from center line	N/A	
	b) Right side from center line	N/A	
1.10	Whether proposal is in the same side where land is not to be acquired	N/A	
	If not then where to lay the Water pipe line	N/A	
1.11	Details of already laid services, if any, along the proposed route	NO UTILITY	
1.12	Number of existing lanes (2/4/6/8 lanes)	4	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	N/A	
1.14	Service road existing or not		
	If yes then which side	YES	
	(a) Left side from center line	Width 18 mtr	
	(b) Right side from center line	Width 18 mtr	
1.15	Proposed Service road	N/A	
	(a) Left side from center line	N/A	

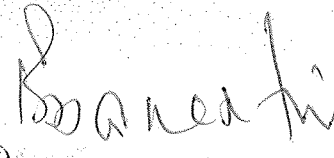
परियोजना निदेशक/Project Director  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 Ministry of Road Transport & Highways  
 प्लॉट 30/बूट-वसन्त विहार, देहरादून

राष्ट्रीय राजमार्ग विकास प्राधिकरण  
 राष्ट्रीय राजमार्ग विकास प्राधिकरण (R.P.)  
 गैल (इंडिया) लिमिटेड/ GAIL (India) Limited  
 Jubilee Tower, E 35 & 36  
 Sector-1 Noida (U.P.) 201301


	(b) Right side from center line		
1.16	Whether Proposal to lay pipe line is after the service road or between the service road and main carriageway	AFTER THE SERVICE ROAD	
1.17	Whether carrying of sewage/gas pipeline has been proposed on highway bridges? If Yes, then mention the methodology proposed for the same	No	
1.18	Whether carrying of sewage/gas pipeline has been proposed on the parapet/any part of the bridges? If Yes then mention the Methodology proposed for the same	No	
1.19	Is Crossing of the Road involved? If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expense of the agency owning the line	Yes	
	a) Whether the existing drainage structures are allowed to carry the utility pipeline.	No	
	b) Is it on a line normal to NH	Yes	
	c) What is the distance of crossing the utility pipelines from the existing structures? Crossings shall not be too near the existing structures on the national highway, the minimum distance being 15 meter.	15 mtr	
	d) The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/ cable Mention type of casing	N/A	
	e) Ends of the casing/conduit pipe shall be sealed from outside, so that it does not act as a drainage path	N/A	
	f) The casing/conduit pipe should be as minimum extend from drain to drain in cuts and toe of slope in fills	N/A	
	g) The top of the casing/conduit pipe should be at least 1.2meter		


  
**राहुल मीना**  
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 (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 प्लॉट नं. 3-ए, इंदिरा नगर, देहली-110028

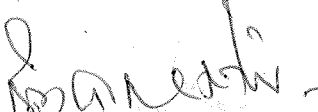
  
 बहिष्करण निदेशक/Project Director  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 Ministry of Road Transport & Highways  
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 Boanedi  
 सहायक निदेशक (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 Ministry of Road Transport & Highways  
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	below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details	In 2mtr depth from top surface of Road & 1 mtr deep from drain bed.	
	h) Mention the methodology proposed for crossing of the road for the proposed water/sewage/Gas pipeline. Crossing shall be by boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete or dense bitumen concrete type	Trenching Method (Due to presence of heavy boulders in soil Starta HDD method fails)	
	i) 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 water way along it.	NOTED	
2	Documents / drawings to be enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching	Enclosed	
	Is it normal size of 1.2m deep x 0.3 m wide	Size 2mtr deep & 0.8 mtr wide.	
	i) should not be greater than 60cms wider than the outer diameter of the pipe		
	ii) located as close to the extreme edge of the Right of Way as possible but not less than 15m from the center line of the nearest carriageway		
	iii) shall not be permitted to run along the National Highways when the road formation is situated in double cutting nor shall these be laid over the existing culverts and bridges		
	iv) These should be so laid that their top is at least 0.6m below the ground level so as not to obstruct drainage of the road land	2 mtr deep from top surface of Road So it will not obstruct drainage.	
2.2	Cross section showing the size of pit and location of pipe for HDD method	N/A	
2.3	Strip plan / Route Plan showing utility/Gas pipeline chainage, width of ROW, distance of proposed pipe line from the edge of ROW, Important mile stone, Intersections, cross drainage works etc.	Enclosed	

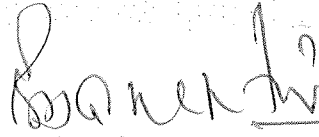
  
**राहुल मीना**  
 प्रबंधक (तकनीकी)  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 (सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)  
 प्लॉट नं. 3, इंदिरा गांधी रोड, नई दिल्ली

  
 परियोजना निदेशक / Project Director  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 Ministry of Road Transport & Highways  
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 राष्ट्रीय राजमार्ग निदेशक  
 एन.ए.ए. (PE) / Senior Manager (PE)  
 गेल (इंडिया) लिमिटेड / GAIL (India) Limited  
 Jubilee Tower, E-35 & 36  
 Sector-1 Noida (U.P.) 201301

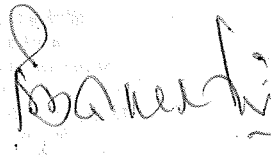
2.4	Methodology for laying of the Utility pipeline	OPEN CUT METHOD	
2.4.1	Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes, what is the methodology of refilling the trench	METHODOLOGY (Enclosed)	
	a) The trench width should be at least 30 cms, but not more than 60cms. Wider than the outer diameter of the pipe.	Agreed	
	b) For filling of the trench, Bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yield firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.	Agreed	
	c) The backfill 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	Agreed	
	d) The side fill shall consist of granular material laid in 15 cms. layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or ponding will not be permitted	Agreed	
	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.	Agreed	
	f) The excavation shall be protected by flagman, Signs	Agreed	

  
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 (राष्ट्रीय परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 प्लॉट नं. 20-ए, इंदिरा पार्क, देहली

  
 राजीव बानर्जी RAJEEV BANNERJEE  
 वरिष्ठ प्रबंधक (PE) / Senior Manager (PE)  
 गेल (इंडिया) लिमिटेड GAIL (India) Limited  
 Jubilee Tower, B-35 & 36  
 Sector-1 Noida (U.P.) 201301

	and barricades and red lights during night hours.	Agreed	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Agreed	
2.4.2	Horizontal Directional Drilling (HDD) Method	N/A	
2.4.3	Methodology for laying of the pipeline through CD works and method of laying in cases where the carrying of gas pipeline on the bridge becomes inescapable	N/A	
3	Draft License Agreement signed by two witnesses	Signed (copy enclosed)	
3.1	The License fee estimate as per Ministry's guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Already Deposited (copy enclosed)	
4	Whether Performance Bank Guarantee as per Ministry guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016 is obtained	Already Deposited (copy enclosed)	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHA guidelines	OBTAINED	
5	Affidavit/Undertaking from the Applicant for following is to be furnished	-	
5.1	Undertaking for not to damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI	Enclosed	
5.3	Undertaking for confirming all standard conditions of Ministry/NHAI's guidelines	Enclosed	
5.4	Undertaking for Indemnity against all damages and claims	Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic	Enclosed	
5.6	Undertaking that if any claim is raised	Enclosed	

  
 प्रबंधक (सह-निर्देशक)  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 परियोजना निदेशक/Project Director  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 Ministry of Road Transport & Highways  
 प्लॉट आई०७८-वसन्त विहार, देहरादून

  
 राष्ट्रीय राजमार्ग प्राधिकरण (R.P.)  
 सड़क प्रबंधक (R.P.)/Senior Engineer (R.P.)  
 गैल (इन्डिया), लिमिटेड (GAIL India) Limited  
 Jubilee Tower, E 35 & 36  
 Sector-1 Noida (U.P.) 201301

	by the Concessionaire/contractor then the same has to be paid by the applicant	Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the utility located in the National Highway Right of Ways.	Enclosed	
5.8	Undertaking that expenditure if any incurred by NHAI for repairing any damage caused to the NH by laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line	Enclosed	
5.9	Undertaking that text of the License deal is as per verbatim of format issued by MoRTH vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Enclosed	
5.10	Undertaking that the applicant has obtained various safety clearances from the respective 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 clearances as applicable, before applying to Highway Administration.	Enclosed	
5.11	If the MoRTH/NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the MoRTH/NHAI at the cost of the Agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given	Enclosed	
5.12	Certificate from the applicant in the following format i) Laying of Gas pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic ii) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission	Enclosed	

*Rahul*  
प्रमुख (तकनीकी)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(राष्ट्रीय परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
प्लॉट नं. 3, गान्धी विहार, देहरादून

*hbs*  
परियोजना निदेशक / Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
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Ministry of Road Transport & Highways  
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*Sanjay*  
राष्ट्रीय राजमार्ग निदेशक / Project Director  
संयुक्त प्रबंधक (PE) / Senior Manager (PE)  
मेल (इण्डिया) लिमिटेड / SAIL (India) Limited  
Jubilee Tower, E-35 & 36  
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	granted within such time as will be stipulated by NHAI for future six laning or/ any other development.		
6	Who will sign the agreement on behalf of Gas pipe line agency? Power of attorney to sign the Agreement is available or not	RAJEEV BANERJEE Sm (PE)	
7	The Project Director shall submit the following Certificates		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide MoRTH circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016		
7.2	Certificate from the PD in the following format i) "it is certified that any other location of the utility pipeline would be extremely difficult and unreasonably costly and the installation of utility pipeline within RoV will not adversely affect the design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriage way, easing of curve" ii) for six laning a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures the said location". b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning"		
8	If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement "the permitted highway on which licensee has been granted the right of way to lay cable /duct has also been granted as a right of way concessionaire under the concession agreement for up gradation of----- ----- section from Km. ----- to km -----		

*Rahul*  
राहुल मीना


प्रबन्धक (तकनीकी)

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प्लॉट नं. 10, पंचसूत विहार, वैराहाट

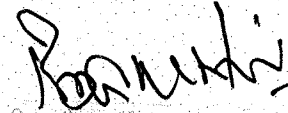
*Bo*  
परियोजना निदेशक/Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
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Ministry of Road Transport & Highways  
प्लॉट नं. 10, पंचसूत विहार, वैराहाट

*Rajeev Banerjee*  
राजीव बनेजी/RAJEEV BANERJEE  
वरिष्ठ प्रबंधक (PE)/Senior Manager (PE)  
गैल (इण्डिया) लिमिटेड/GAIL (India) Limited  
Jubilee Tower, E 35 & 36  
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	of NH no. ----- on Build, Operate and Transfer basis and therefore the licensee shall honor		
9	Who will supervise the work of laying of Utility Pipe line		
	a) On behalf of the applicant	RAJEEV BANERJEE	
	b) On behalf of MoRTH/NHAI		
10	Who will ensure that the defects in road portion after laying of utility pipeline 'are corrected and if not corrected then what action will be taken		
	c) On behalf of the applicant	RAJEEV BANERJEE	
	d) On behalf of MoRTH/NHAI		
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	GAIL (INDIA) LTD.	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed)		
13	If any previous approval is accorded for laying cable line then Photocopy of register of records of permissions accorded (as maintained by PD) to be enclosed.	Enclosed	

  
 राजीव बानर्जी  
 प्रबंधक (तकनीकी)  
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 (सड़क परिवहन और राजमार्ग विभाग, भारत सरकार)

परियोजना निदेशक/Project Director  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 (सड़क परिवहन और राजमार्ग विभाग, भारत सरकार)  
 Ministry of Road Transport & Highways  
 New Delhi

  
 राजीव बानर्जी RAJEEV BANERJEE  
 वरिष्ठ प्रबंधक (PE) / Senior Manager (PE)  
 गैल (इंडिया) लिमिटेड GAIL (India) Limited  
 Jubilee Tower, E-35 & 36  
 Sector-1 Noida (U.P.) 201301

APSARA  
HOTEL

### CHECK- LIST

Guidelines for processing the proposal for laying of utility line in the land along National Highways vested with NHA/PWD/BRO

#### Relevant Circulars

Ministry of Road Transport & Highways guidelines vide letter No. RW/NH-33044/29/2001/S&R(R) dated 22-11-2016.

Sl.No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/ Agency	GAIL (INDIA) LIMITED	
1.2	National Highway Number	NH-58 (NEW NH-34)	
1.3	State	UTTARAKHAND	
1.4	Location	APSARA HOTEL	
1.5	(Chainage in km)	208.920 - 208.986	
1.6	Length in Meters	66 mtr	
1.7	Width of available ROW	46 mtr	
	(a) Left side from center line towards increasing chainage/ km direction	24 mtr	
	(b) Right side from center line towards increasing chainage/ km direction	24 mtr	
1.8	Proposal to lay the utility		
	(a) Left side from center line towards increasing chainage /km direction	-	
	(b) Right side from center line towards increasing /km direction	Right Side (In Service Road)	
1.9	Proposal to acquire land	N/A	
	a) Left side from center line	N/A	
	b) Right side from center line	N/A	
1.10	Whether proposal is in the same side where land is not to be acquired	N/A	
	If not then where to lay the Water pipe line	N/A	
1.11	Details of already laid services, if any, along the proposed route	N/A	
1.12	Number of existing lanes (2/4/6/8 lanes)	2	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	N/A	
1.14	Service road existing or not	YES	
	If yes then which side	Width 6.5 mtr	
	(a) Left side from center line	Width 6.5 mtr	
	(b) Right side from center line	N/A	
1.15	Proposed Service road	N/A	
	(a) Left side from center line	N/A	

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 National Highways Authority of India  
 (सड़क परिवहन राजमार्ग विभाग, भारत सरकार)  
 Ministry of Road Transport & Highways  
 प्लॉट नं. 35-38, जुबिली टावर, सेक्टर-1 नोएडा

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राष्ट्रीय राजमार्ग विकास निदेशक  
 सचिव प्रबन्धक (PE) / Senior Engineer (PE)  
 गैल (इंडिया) लिमिटेड GAIL (India) Limited  
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	(b) Right side from center line		
1.16	Whether Proposal to lay pipe line is after the service road or between the service road and main carriageway	Edge of the Service Road	
1.17	Whether carrying of sewage/gas pipeline has been proposed on highway bridges? If Yes, then mention the methodology proposed for the same.	No	
1.18	Whether carrying of sewage/gas pipeline has been proposed on the parapet/any part of the bridges? If Yes then mention the Methodology proposed for the same	No	
1.19	Is Crossing of the Road involved? If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expense of the agency owning the line	No	
	a) Whether the existing drainage structures are allowed to carry the utility pipeline.	No	
	b) Is it on a line normal to NH	Yes	
	c) What is the distance of crossing the utility pipelines from the existing structures? Crossings shall not be too near the existing structures on the national highway, the minimum distance being 15 meter.	24 mtr	
	d) The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/ cable Mention type of casing	N/A	
	e) Ends of the casing/conduit pipe shall be sealed from outside, so that it does not act as a drainage path	N/A	
	f) The casing/conduit pipe should be as minimum extend from drain to drain in cuts and toe of slope in fills	N/A	
	g) The top of the casing/conduit pipe should be at least 1.2meter		

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Ministry of Road Transport & Highways  
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राजीव बैनर्जी, RA 100, B-2, 202, 203  
वर्ल्ड प्रबन्धक (P&I) / Senior Manager (P&I)  
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	below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details	1.5 mtr deep from Road top surface & 1 mtr deep from chain bed.	
	h) Mention the methodology proposed for crossing of the road for the proposed water/sewage/Gas pipeline. Crossing shall be by boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete or dense bitumen concrete type	N/A	
	i) 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 water way along it.	N/A	
2	Documents / drawings to be enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching	Enclosed	
	Is it normal size of 1.2m deep x 0.3 m wide	1.5 mtr deep & 0.5 mtr wide	
	i) should not be greater than 60cms wider than the outer diameter of the pipe		
	ii) located as close to the extreme edge of the Right of Way as possible but not less than 15m from the center line of the nearest carriageway		
	iii) shall not be permitted to run along the National Highways when the road formation is situated in double cutting nor shall these be laid over the existing culverts and bridges		
	iv) These should be so laid that their top is at least 0.6m below the ground level so as not to obstruct drainage of the road land	1.5 mtr deep from ground level.	
2.2	Cross section showing the size of pit and location of pipe for HDD method	N/A	
2.3	Strip plan / Route Plan showing utility/Gas pipeline chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, Intersections, cross drainage works etc.	Enclosed	

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2.4	Methodology for laying of the Utility pipeline		
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, what is the methodology of refilling tile trench	OPEN TRENCHING METHOD	
	a) The trench width should be at least 30 cms, but not more than 60cms. Wider than the outer diameter of the pipe.	Agreed	
	b) For filling of the trench, Bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yield firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.	Agreed	
	c) The backfill 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	Agreed	
	d) The side fill shall consist of granular material laid in 15 cms. layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or ponding will not be permitted	Agreed	
	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.	Agreed	
	f) The excavation shall be protected by flagman, Signs	Agreed	

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	and barricades and red lights during night hours.	Agreed	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Agreed	
2.4.2	Horizontal Directional Drilling (HDD) Method	N/A	
2.4.3	Methodology for laying of the pipeline through CD works and method of laying in cases where the carrying of gas pipeline on the bridge becomes inescapable	N/A	
3	Draft License Agreement signed by two witnesses	Signed (Copy enclosed)	
3.1	The License fee estimate as per Ministry's guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Already deposited (Copy enclosed)	
4	Whether Performance Bank Guarantee as per Ministry guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016 is obtained	Already deposited (Copy enclosed)	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHA guidelines	OBTAINED	
5	Affidavit/Undertaking from the Applicant for following is to be furnished	-	
5.1	Undertaking for not to damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHA	Enclosed	
5.3	Undertaking for confirming all standard conditions of Ministry/NHAI's guidelines	Enclosed	
5.4	Undertaking for Indemnity against all damages and claims	Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic	Enclosed	
5.6	Undertaking that if any claim is raised		

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Rohan


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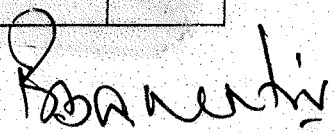
गेल (इंडिया), लिमिटेड / GEL (India) Limited

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	by the Concessionaire/contractor then the same has to be paid by the applicant	Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the utility located in the National Highway Right of Ways.	Enclosed	
5.8	Undertaking that expenditure if any incurred by NHAI for repairing any damage caused to the NH by laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line	Enclosed	
5.9	Undertaking that text of the License deal is as per verbatim of format issued by MoRTH vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Enclosed	
5.10	Undertaking that the applicant has obtained various safety clearances from the respective 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 clearances as applicable, before applying to Highway Administration.	Enclosed	
5.11	If the MoRTH/NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the MoRTH/NHAI at the cost of the Agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given	Enclosed	
5.12	Certificate from the applicant in the following format i) Laying of Gas pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic ii) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission	Enclosed	

  
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	granted within such time as will be stipulated by NHAI for future six laning or/ any other development.		
6	Who will sign the agreement on behalf of Gas pipe line agency? Power of attorney to sign the Agreement is available or not	RAJEEV BAKERJEE Sm (PE)	
7	The Project Director shall submit the following Certificates		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide MoRTH circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016		
7.2	Certificate from the PD in the following format i) "It is certified that any other location of the utility pipeline would be extremely difficult and unreasonably costly and the installation of utility pipeline within RoW will not adversely affect the design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriage way, easing of curve" ii) for six laning a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures the said location". b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning"		
8	If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement "the permitted highway on which licensee has been granted the right of way to lay cable /duct has also been granted as a right of way concessionaire under the concession agreement for up gradation of----- ----- section from Km. ----- to km -----		

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	of NH no. ----- on Build, Operate and Transfer basis and therefore the licensee shall honor		
9	Who will supervise the work of laying of Utility Pipe line		
	a) On behalf of the applicant	RAJEEV BANERJEE	
	b) On behalf of MoRTH/NHAI		
10	Who will ensure that the defects in road portion after laying of utility pipeline 'are corrected and if not corrected then what action will be taken		
	c) On behalf of the applicant	RAJEEV BANERJEE	
	d) On behalf of MoRTH/NHAI		
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	GAIL (INDIA) LTD.	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed)		
13	If any previous approval is accorded for laying cable line then Photocopy of register of records of permissions accorded (as maintained by PD) to be enclosed.	Enclosed	

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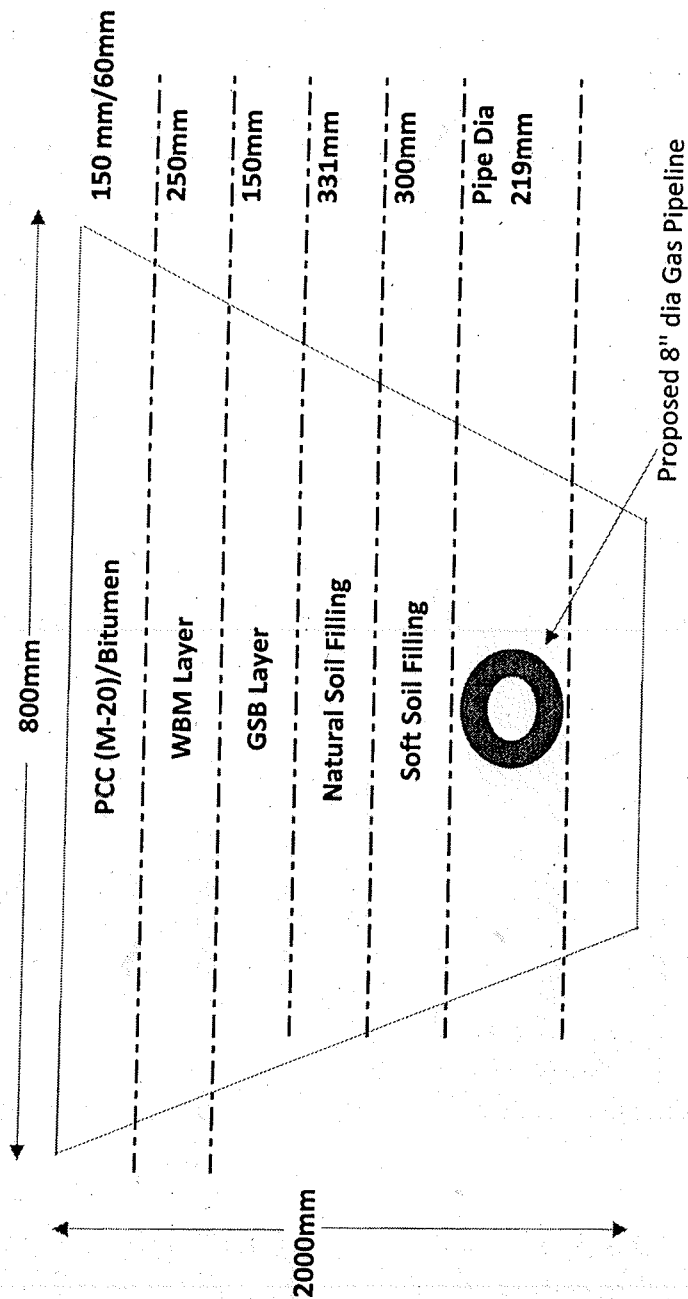
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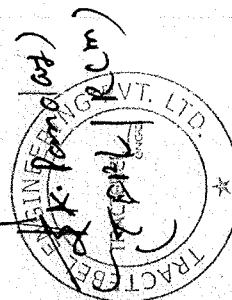
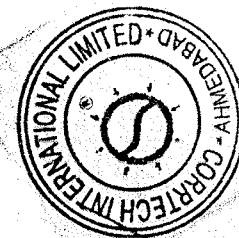
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# **Project Name:- Haridwar Rishikesh Dehradun Gas Pipeline Project**

Cross Sectional view of Road Restoration Work at Proposed Open cut locations

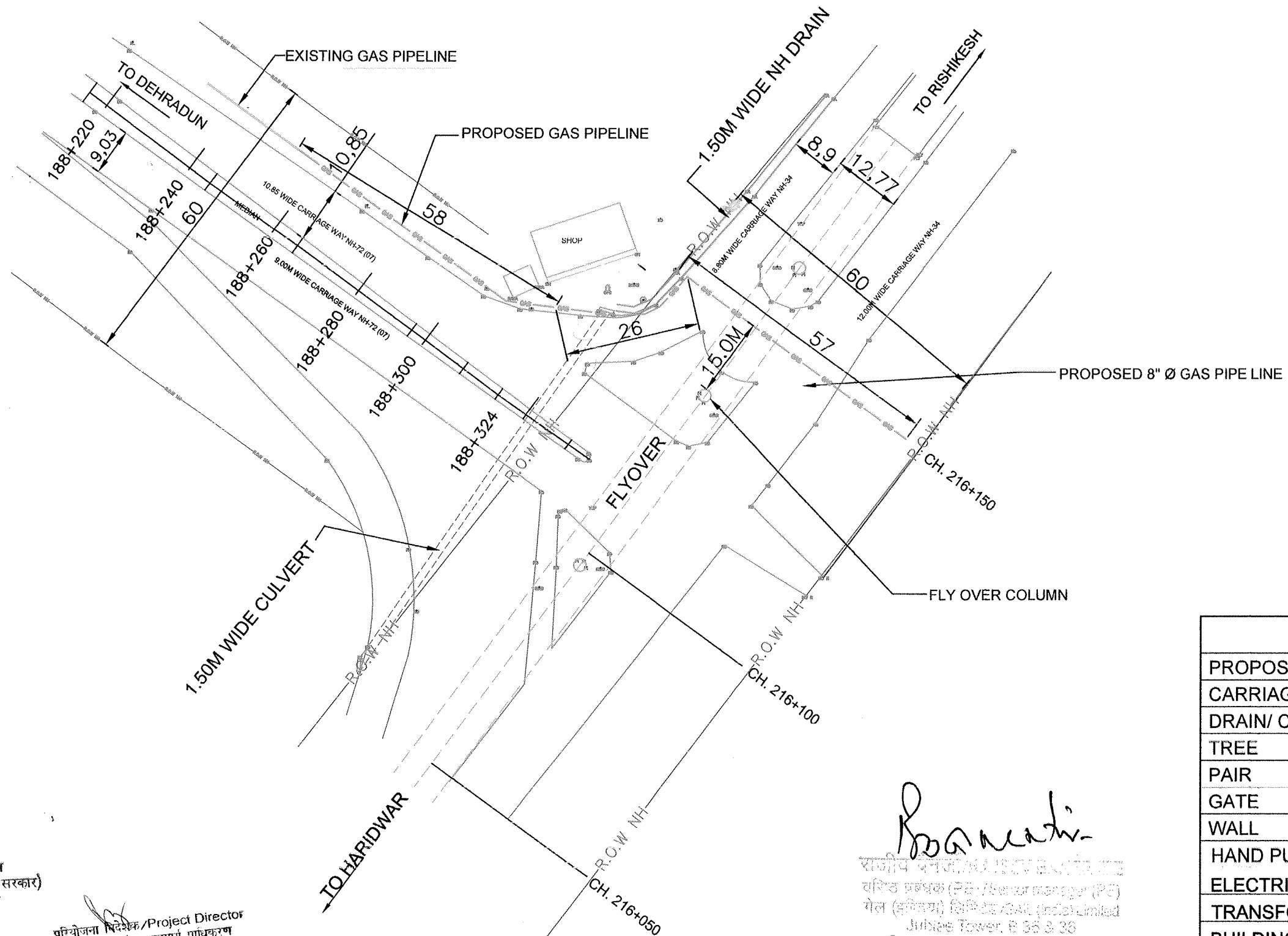
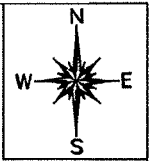


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 गैल (इंडिया) लिमिटेड  
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OPEN CUT CROSSING AT CHAINAGE  
216+150 (NEPALI FARM TIRAHA)



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LEGEND

PROPOSED GAS LINE	---
CARRIAGEWAY	---
DRAIN/ CULVERT	---
TREE	●
PAIR	○
GATE	⌂
WALL	---
HAND PUMP	○
ELECTRIC POLE	⌂
TRANSFORMER	⌂
BUILDING	□
FLYOVER	---
OFC PILLAR	□

CLIENT:-

GAIL (INDIA) LIMITED

TITLE:

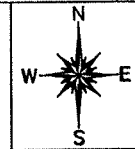
PROPOSED GAS PIPE LINE CROSSING AT CHAINAGE  
216+150 AT NEPALI FARM TIRAHA ON NH 58 (NEW NH 34)

NOTE :-

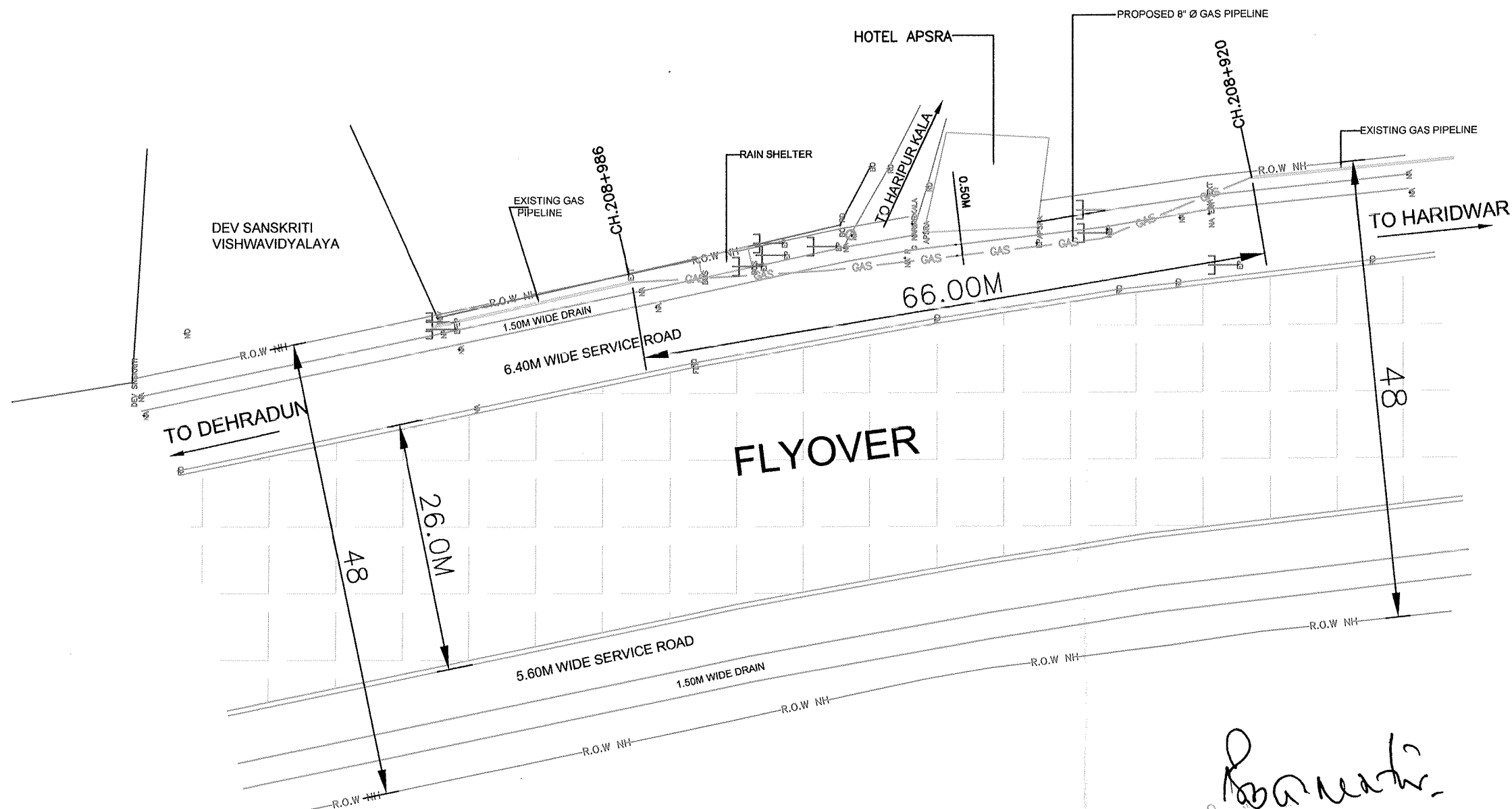
1. ALL DIMENSIONS, LEVELS AND CHAINGES ARE IN METERS.
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.  
DO NOT SCALE THE DRAWING.

PREPARED BY

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GMS ROAD DEHRADUN,  
TEL. NO. : 0135-2720017, 2107754  
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OPEN CUT AT BETWEEN CHAINAGE 208+920 TO 208+986  
(APSARA HOTEL)



*Rajesh*  
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पंकज-वसन्त विहार, देहरादून

*h*  
परियोजना निदेशक/Project Director  
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(सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
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LEGEND

PROPOSED GAS LINE

CARRIAGEWAY

HAND PUMP

WALL

RIVER

ELECTRIC POLE

BUILDING

FLYOVER

CLIENT:-  
GAIL (INDIA) LIMITED

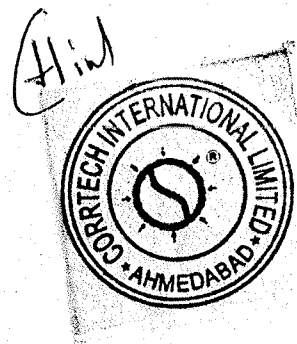
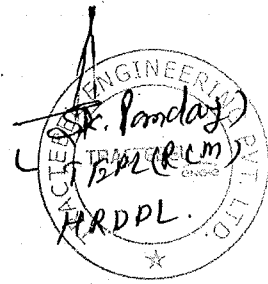
TITLE:  
PROPOSED GAS PIPE LINE BETWEEN CHAINAGE 208+920 TO  
CH. 208+986 AT APSARA HOTEL ON NH 58 (NEW NH 34)

NOTE :-  
1. ALL DIMENSIONS, LEVELS AND CHANGES ARE IN METERS.  
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.  
DO NOT SCALE THE DRAWING.

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e-mail : tcsdoon@yahoo.com  
e-mail : tcsdoon@gmail.com

**Methodology for Execution of Pipeline laying Work by Open cut trench method**

- 1) Excavation of trench of about 2mtr depth and 700-800mm width.
- 2) Excavation of trench will be executed in phase manner in order to avoid any traffic disturbance and public movement with proper traffic diversion and barricading.
- 3) We would carry out all activities during night in order to avoid any traffic movement and public hassle free movement.
- 4) After lowering of pipe section in trench we will ensure proper compacting of excavated trench by filling sand and sprinkled the water for better compaction of sand.
- 5) After final completion of pipeline laying work in proposed locations compaction and restoration work will be executed as per attached drawing & MoRTH norms with WBM and PCC/BITUMEN



*R. Anand*  
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