



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

परियोजना कार्यान्वयन इकाई, अलीगढ़

National Highways Authority of India

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

Project Implementation Unit, Aligarh



Building a Nation,
Not Just Roads

सड़क निर्माण ही नहीं,
राष्ट्र निर्माण भी।

सत्यमेव जयते
On India Government Service
भारत सरकार सेवार्थ

Village-Bhikampur, At KM 132.400 RHS on NH-34, Aligarh Bypass, Aligarh - 202001 (U.P.)
ग्राम-भीकम्पुर, एन.एच-34 के 132.400 कि०मी० आर०एच०एस० पर, अलीगढ़ बाईपास, अलीगढ़-202001 (उ०प्र०)
Email : aligarh@nhai.org | nhaijiubsr001@gmail.com

NHAI/PIU-ALG/44016/NOC/2024/ 21444

Dated: 15.03.2024

Invitation of Public Comments

Sub: Permission for crossing of NH-34 by 4" Dia of Steel Gas Pipeline along/across NH-34 from Ch. 91.860 to 92.380 (BHS), including 01 crossing at Ch. 92.380 on NH-34 to develop CGD Network in Tehsil-Khurja, Distt.- Bulandshahr in the State of Uttar Pradesh.

The Senior Vice President Projects, M/s Adani Total Gas Limited, Khurja has submitted the proposal for permission for laying of proposed 4" Dia Steel Gas Pipeline along/across NH-34 from Ch. 91.860 to 92.380 (BHS), including 01 crossing at Ch. 92.380 on NH-34 to develop CGD Network in Tehsil- Khurja, Distt.- Bulandshahr in the State of Uttar Pradesh.

2. From the submitted proposal, it is seen that the laying length is proposed 1040m both side & 60m length road crossing from center line towards increasing chainage/ km direction is 30m. Diameter of the Pipeline/ Cable is 4" Steel Gas Pipeline. Further, the minimum depth of Pipeline below the ROW will be 1.5m. At the centre line of road the pipeline will be at a depth of 3.0m from the ground level.

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).

4. 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.

The Project Director,
National Highways Authority of India
Project Implementation Unit- Aligarh
Village- Bhikampur, At Km. 132.400 (RHS) on NH-34,
Aligarh Bypass, Aligarh -202001 (U.P.)

Encl: As above.

P. K. Kaushik
15/3/24
(P.K. Kaushik)
Project Director

Copy to:

1. Web Admin, NHAI-HQ- with request for uploading on the NHAI website
2. The Technical Director, NIC, Transport Bhawan, New Delhi- with request for uploading on the Ministry's website.
3. Regional Officer (W-UP), NHAI-Lucknow for kind information.
4. Senior Vice President Project, M/s Adani Total Gas Limited, Plot No. 79/1, Nr. Ananda Dairy, Village- Hazratpur, Khurja - 203131 for information.

(P.K. Kaushik)
Project Director

Application Details [20231228/1/12/13448/4250]

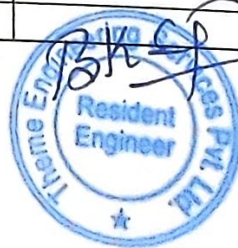
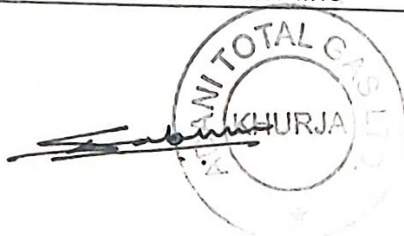
Application Details [20231228/1/12/13448/4250]

Highway	NH34 [NH34]	NH34 [NH34]
Name of Highway Authority	NHAI Name of Highway Authority Dwarka New delhi	NHAI Dwarka New delhi
Highway Administration Address	RO-UP West RO-UP West	RO-UP West RO-UP West
Whether the Fuel Station is part of Rest-area complex	No Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	Adani Total Gas Limited and Oil Company Address: ADANI TOTAL GAS LIMITED ABOVE BIG BACHAT ADANI TOTAL GAS LIMITED ABOVE BIG BACHAT BAZAR MAIN HUDA SECTOR ROAD SHIV COLONY NARNAULA HUDA S 123001, Mahendergrah (HARYANA), PIN: 123001 Phn: 7419390404 Email: Nitesh.Kaushik@adani.com	Adani Total Gas Limited Address: ADANI TOTAL GAS LIMITED ABOVE BIG BACHAT ADANI TOTAL GAS LIMITED ABOVE BIG BACHAT BAZAR MAIN HUDA SECTOR ROAD SHIV COLONY NARNAULA HUDA S 123001, Mahendergrah (HARYANA), PIN: 123001 Phn: 7419390404 Email: Nitesh.Kaushik@adani.com
Application Category	Public Utility	Public Utility
Utility	Natural Gas	Natural Gas
State	UTTAR PRADESH	UTTAR PRADESH
Type	New	New
Remarks	Permission for laying proposed 4" Dia of Carbon Steel Gas Pipeline along/across NH-34 (Ghaziabad-Aligarh Road) along from Ch. 91.860 Km to Ch. 92.380 Km on LHS & Ch. 91.860 Km to Ch. 92.380 Km on RHS and across at Ch. 92.380 Km to 92.380 Km on Rd develop CGD Network in Khurja of Uttar Pradesh State. develop CGD Network	
Submitted On	28 Dec 2023 07:53:32	28 Dec 2023 07:53:32

CHECK - LIST

Check list for getting approval for laying of Gas pipeline on NH Land

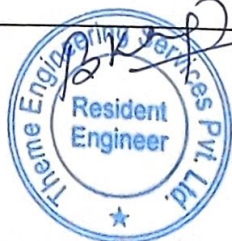
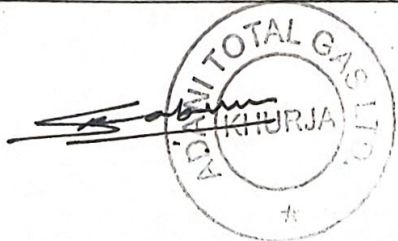
Sr. No.	Item	Information / Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant / Agency	Adani Total Gas L City Gas Distributi No- 79/1, Near Go Dairy, Hazratpur link road, Khurja, 203131, Uttar Pradesh	
1.2	National Highway Number	NH-34	
1.3	State	Uttar Pradesh	
1.4	Location	Khurja (Distt- Bulandshahr)	
1.5	(Chainage in Km)	<u>Along the Road:</u> With NH-34 from Ch. 96.740 Km to Ch. 96.953 Km (LHS) <u>Across the Road:</u> Across NH-34 At Ch. 96.740 Km	
1.6	Length in Meters <div style="text-align: center;">ओमेंद्र/OMENDRA प्रबंधक (तक0)/Manager (Tech.) राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Aligarh</div>	<u>Along the Road:</u> With NH-34 from Ch. 96.740 Km to Ch. 96.953 Km (LHS) (Length = 213 M) <u>Across the Road:</u> Across NH-34 At Ch. 96.740 Km (Length = 60 M)	
1.7	Width of available ROW	60 M	
	(a) Left side from center line towards increasing chainage / km direction	30 M	
	(b) Right side from center line towards increasing chainage / km direction	30 M	
1.8	Proposal to lay underground Gas pipeline		
	(a) Left side from center line towards increasing chainage / km direction	With NH-34 from Ch. 96.740 Km to Ch. 96.953 Km (LHS)	P.K. KAUSHIK Project Director राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Aligarh
	(b) Right side from center line towards increasing chainage / km direction	N/A	
1.9	Proposal to acquire Land		
	(a) Left side from center line	N/A	
	(b) Right side from center line		



1.10	Whether proposal is in the same side where land is not to be acquired If not then where to lay the cable	N/A	
1.11	Details of already laid services, if any, along the proposed route	N/A	
1.12	Number of lanes (2/4/6/8 lanes) existing	N/A.	
1.13	Proposed Number of lanes (2 lane with paved shoulders /4 /6/8 lanes)	6 Lane	
1.14	Service Road existing or not If yes then which side	NA	
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service Road		
	(a) Left side from center line	N/A	
	(b) Right side from center line		
1.16	Whether proposal to lay Gas pipeline is after the service road or between the service road and main carriageway	N/A.	
1.17	The permission for laying of Gas pipeline shall be considered for approval / rejection based on the Ministry Circulars mentioned as above.	Yes	
	(a) Carrying of sewage / Gas pipelines on highway bridges shall not be permitted as Fumes / Gas pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of Gas.	For Natural Gas pipeline	
	(b) Carrying of Gas pipelines on bridges shall not be discouraged. However, if the Gas 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 on independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repairs etc.	N/A ओमेंद्र/OMENDRA (तक०)/Manager (Tech.) प्रमुख/Principal Engineer प्रभार/In-charge राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अजमेर/Project Implementation Unit-Ajmer	
	(c) Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities.	N/A	
	(d) Services are not being allowed indiscriminately on the parapet / any part of the bridges, Safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the	N/A पी०के० कौशिक/P.K. KAUSHIK परियोजना निदेशक/Project Director भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अजमेर/Project Implementation Unit-Ajmer	

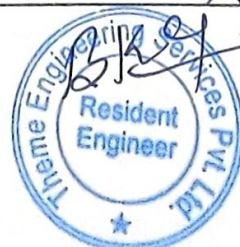


	concurrence of the Ministry's Project Chief Engineers only.		
1.18	If crossings of the road involved If Yes, it shall be done by HDD method or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	Yes	
	(a) Existing drainage structures shall not be allowed to carry the lines.	Agree	
	(b) The utility services shall cross the National Highway preferably on a line normal to it or as nearly show as practicable. Adani Total Gas Limited shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.	Yes	
	(c) The casing pipe may be installed under the route embankment either by boring or digging a trench. Installation by boring method shall prefer.	N/A (HDD Method used without casing Pipe)	
	(d) 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.	N/A (HDD Method used without casing Pipe) अभिषेक/OMENDRA प्रबंधक (तक)/Manager (Tech.) राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Aligarh	
	(e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	N/A (HDD Method used without casing Pipe)	
	(f) The carrier pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	Yes	
	(g) The top of the carrier pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 meter below the drain inverts.	पी०के० कौशिक/P.K. KAUSHIK परियोजना निदेशक/Project Director राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Aligarh	
	(h) Crossing shall be done by HDD method specially where The existing road pavement is of cement concrete or dense bituminous concrete type.	Yes	



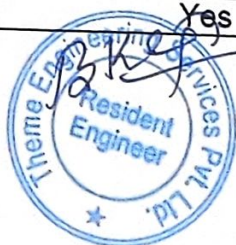
	(i) The carrier pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a Gas way along it.	Yes	
2	Document / Drawings enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2-meter-deep X 0.6 meter wide)	Enclosed	
	(i) Should not be greater than 60 cm wider than the outer diameter of the pipe (ii) Located as close to the extreme edge of the right-of-way as possible but the utility services shall cross the National Highway preferably on a line normal to it or as nearly so as practicable. (iii) The pipe shall be installed under the road embankment by HDD method. (iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.		
2.2	Cross section showing the size of pit and location of cable for HDD method	Enclosed	
2.3	Strip plan / Route plan showing Gas pipeline, Chainage, width of ROW, distance of proposed cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Enclosed	
2.4	Methodology for laying of Gas pipeline	Enclosed	
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, Methodology of refilling of trench	Agreed ओमेश/OMESH (तक0)/Manager (Tech.) राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Ali	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Agree	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. 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.	Agree	
	Unsuitable soil and rock edged should be excavated and replaced by selected material.	Agreed राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Ali	
	(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	Agreed	



पी०के० कौशिक/P.K. KAUSHIK
परियोजना निदेशक/Project Director

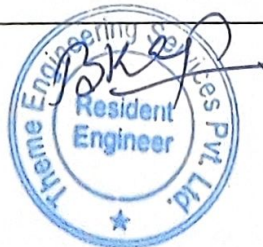
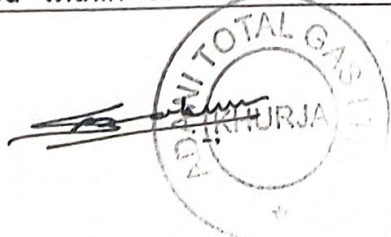


	bottom of the road crust.		
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. 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 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	Yes	
2.4.3	Laying of Gas pipeline through CD works and method of laying		
	(a) The utility services shall cross the National Highway preferably on a line normal to it for as nearly so as practicable and subject to all other stipulations contained in this Ministry's guidelines issued with letter No. RW/NH-33044/29/ 2015/S&R(R) - Dtd. 22nd November, 2016	Yes ओमेंद्र/OMENDRA (तक०)/Manager (Tech.) प्रमुख/Principal Engineer परियोजना/Project Implementation Unit-A	
3	Draft License Agreement signed by two witnesses	Enclosed	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs..... per running meter (parallel to NH) and Rs per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring / making good the excavated trench for laying the cables / ducts by proper filling and compaction, clearing debris / loose earth produced due to execution of trenching at least 50 meters away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris / loose earth.	Will obtain at the time of receipt of permission	
4.1	Performance BG as per above is to be	Yes	

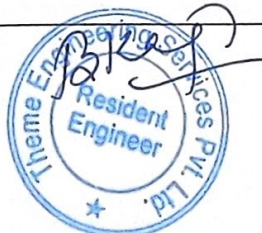
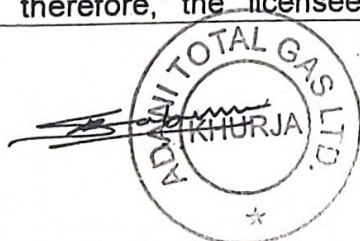
पी०के० कौशिक/P.K. KAUSHIK
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India
परियोजना कार्यालय इकाई-अ/Project Implementation Unit-A



	obtained.		
4.2	Confirmation of BG has been obtained as per NHAI guidelines	No	
5	Affidavit / Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed	
5.2	Renewal of Bank Guarantee	Enclosed	
5.3	Confirming all standard condition of NHAI guideline	Enclosed	
5.4	Shifting of Gas Pipeline as and when required by NHAI at their own cost	Enclosed	
5.5	Shifting due to 6 lanning / widening of NH	Enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Enclosed	
5.7	Traffic movement during laying of Gas pipeline to be managed by the applicant	Enclosed	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Enclosed	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs or alterations to the showing Gas Pipeline located in the National Highway right-of-ways.	Enclosed	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying maintenance or shifting of the Gas Pipeline will be borne by the agency owning the line.	 Enclosed ओमेंद्र/OMENDRA प्रमुख (तक0)/Manager (Tech.) <small>भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अ/उप/Project Implementation Unit-A/Up</small>	
5.11	If the 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 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	Enclosed	
	(i) Laying of Gas Pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.		 पी0के0 कौशिक/P.K. KAUSHIK परियोजना निदेशक/Project Director <small>भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अ/उप/Project Implementation Unit-A/Up</small>
	(ii) for 6 – lanning “We do undertake that I will relocate service road / approach road / utilities at my own cost notwithstanding the permission granted within such time as will be		



	stipulated by NHAI" for future Six - lanning or any other development."		
6	Who will sign the agreement on behalf of Gas Pipeline agency Power of attorney to sign agreement available or not	Rajesh Shripad Prabhu Senior Vice President Projects Adani Total Gas Limited	
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 - 31.1.1969, Ministry Circular No. - NH-III/P/66/76 dated- 18/19.11.1976, Ministry Circular No. - NH-RW/NH-III/P/66/76 dated - 11.5.1982, Ministry Circular No. - RW / NH-11037 / 1 / 86 - DOI (ii) dated - 28.7.1993, Ministry Circular No. - RW / NH-11037 / 1 / 86/DOI dated - 19.1.1995, Ministry Circular No. - RW / NH-34066 / 2 / 95 S&R dated - 25.10.1999, Ministry Circular No. - RW / NH-34066 / 7 / 2003 S&R (B) dated - 17.9.2003 and RW/NH-33044/29/2015/S&R(R) - Dated 22nd November, 2016	Yes	
7.2	Certificate from PD in the following format	Yes	
	(i) "It is certified that any other location of the Gas Pipeline would be extremely difficult and unreasonable costly and the installation of Gas Pipeline within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc".	✓	
	(ii) for 6 - lanning (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 at 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".	ओमेंद्र/OMENDRA (तक0)/Manager (Tech.) भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अधीन/Project Implementation Unit-Align	
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 lay cable / duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [section from Km ____ to Km ____ of NH No - ____ on Build, Operate and Transfer Basis] and therefore, the licensee shall	Enclosed	पी0के0 कौशिक/P.K. KAUSHIK परियोजना निदेशक/Project Director भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अधीन/Project Implementation Unit-Align

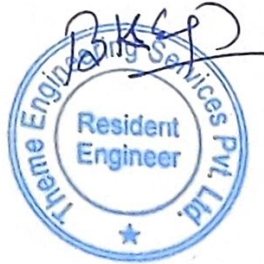


	honour the same."		
9	Who will supervise the work of laying of Gas Pipeline ?	Adani Total Gas Limited	
10	Who will ensure that the defects in road portion after laying of Gas Pipeline are corrected and if not corrected then what action will be taken.	NHAI	
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire	Adani Total Gas Limited	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed).		
13	If any previous approval is accorded for laying of underground Gas Pipeline then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed		

ओमेंद्र/OMENDRA
प्रबंधक (तक0)/Manager (Tech.)

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India
परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Aligarh

Date :
Place : Khurja



Yours Sincerely

Rajesh Shripad Prabhu
Senior Vice President Projects
Adani Total Gas Limited



पी0के0 काशिक/P.K. KAUSHIK
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India
परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Aligarh

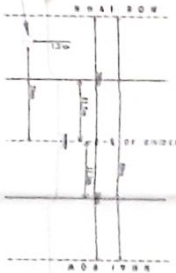
Plan view of proposed road construction. The drawing shows a road alignment with stationing from 0+00 to 0+100. Key features include:

- Right-of-Way (ROW) Lines:** Indicated by dashed lines on both sides of the alignment.
- Alignment:** A solid line representing the proposed road centerline.
- Stationing:** Marked at 0+00, 0+25, 0+50, 0+75, and 0+100.
- Labels:**
 - "TO ALKASH" at the top and bottom of the alignment.
 - "TO GHIZABAD" on the left side of the alignment.
 - "NSAI ROW" (National State of Afghanistan Right-of-Way) on the right side.
 - "CH. 96.953" at the bottom right corner.
- Scale:** A scale bar is provided at the bottom left, indicating distances in meters (0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100).
- North Arrow:** Located at the bottom center, pointing towards the top of the page.
- Proposed Road Construction:** Indicated by a solid line with a dashed centerline.

CROSS SECTION - 1
AT CHAINAGE - CH. - 96+740



CROSS SECTION - 2
AT CHAINAGE - CH - 96+790



CROSS SECTION - 2
AT CHAINAGE - CH. - 96+8.40



CROSS SECTION - 3
AT CHAINAGE - CH. - 96+890



CROSS SECTION - 4
AT CHAINAGE - CH. - 96+953



ओमैंड/OMENDRA
प्रबंधक (तकनीकी)/Manager (Tech.)
राज्य राष्ट्रीय महामार्ग निगम/State National Highway Authority of India
राज्यीय सड़क निर्माण-परिचालन विभाग/State Road Construction and Maintenance Unit

<p>OWNER :-</p> <p>M/SADANI TOTAL GAS LIMITED</p> <p>Plot 79/1, Near Ananda Dairy, Village Hazrapur Khujra-203131, Uttarpradesh (U.P.)</p>		<p>LEGEND</p> <p>ROUTE - CH -</p> <p>PROPOSED GAS PIPELINE</p>
<p>NOTE :-</p> <p>1. NO. NOT SCALE THE DRAWING FLOW ONLY REQUIRED DIMENSIONS.</p> <p>2. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METRES.</p>		<p>Annexure-1</p>
<p>PREPARED BY -</p> <p>CHECKED BY -</p> <p>DATE -</p>	<p>DRG NO. -</p> <p>ATC/BAPL-001</p>	<p>SCALE -</p> <p>N:15</p>
<p>TITLE :-</p> <p>Laying of Proposed natural gas 4" Dia carbon steel pipeline along NH 34 from Km Ch. 96.740 to Ch. 96.953 on the left side of the road and across the road at Km Ch. 96.740.</p>		<p>adani</p> <p>GAS</p>
<p>SHEET NO. - 01/01</p>		

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED
2. PAVEMENT SECTION INSTALLED BY HOOT TECHNIQUE TO BE CUT AND MOVED UP WITH THE MAJOR SECTION ON BOTH SIDES OF THE CROSSING
3. RADIOS OF CURVATURE = 450M
4. TOP OF MAJOR COVER BEYOND MAKE-UP SHALL BE CIRCULAR (RADIUS TO INTERNAL CORNER OF 1.5M (50ft))

[illegible]