



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

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

क्षेत्रीय कार्यालय - गुवाहाटी,

Regional Office - Guwahati

नेडफी हाऊस, चौथी मंजिल, जी.एस.रोड,

NEDFi House, 4th Floor, G.S. Road,

दिसपुर, गुवाहाटी-781006, असम,

Dispur, Guwahati-781006, Assam.

फोन / Phone : 0361-2237995

ई-मेल / E-mail: roghy@nhai.org

NHAI/RO/GHY/2009/SHL/Permission/ Vol-V/22879

Dated: 16.02.2022

INVITATION OF PUBLIC COMMENT

Sub: Two-laning of Shillong connecting NH-40 and NH-44 from Km 61.800 of NH-40 to Km 34.850 of NH-44 under SARDP-NE on BOT (Annuity) mode: permission for laying proposed carbon steel natural gas pipeline along with Carbon steel OFC conduit across shillong NH Bypass en-route National Highway under shillong spurline.

The Project Director, PIU-Shillong, has submitted the proposal regarding permission for laying proposed carbon steel natural gas pipeline along with Carbon steel OFC conduit across shillong NH Bypass en-route National Highway under shillong spurline from km.35+320 to km.33+560.

2. As per Para 4 of MoRTH guideline issued vide letter 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). The public domain comment on the instant proposal is invited on below mentioned address within 30 days from the date of uploading.

The Regional Officer-cum-Highway administration
O/o Regional Office-Guwahati
National Highways Authority of India
NEDFi House, 4th Floor, G.S. Road
Dispur, Guwahati-781006
Assam
Email id: roghy@nhai.org

3. This is issued with the approval of RO-NE.

Yours faithfully,


16/02/2022
(Anil Singh Yadav)
Dy. Manager (T)
Regional Office-NE

Copy to:

1. Senior Technical Director, NIC, Transport Bhawan, New Delhi-110001 for uploading on the Ministry's website.
2. Project Director, PIU-Shillong.
3. Authorized Signatory, Indradhanush Gas Grid Ltd, 5th Floor, Central Mall, G.S. Road, Christian Basti, Guwahati-781005.

CHECK- LIST

Guidelines for processing the proposal for laying of Utility line in the land along/across National Highways vested with NHAI/PWD/BRO.

Ministry Circular No-RW/NH 330044/29/2015/S&R@ Dated 22/11/2016.

General Information

Sr. No.	Description	Information /Status
1	Name and Address of the Applicant/Agency	Indradhanush Gas Grid Ltd. 5 th Floor, Central Mall, GS. Rd, Christian Basti, Guwahati, Assam 781005
2	National Highway Number	Shillong NH Bypass(NH-44)
3	State	Meghalaya
4	Location	1) Mawkhanu to Ryngskaw
5	Chainage in KM	1) 35+400 Km(Shillong NH Bypass)
6	Length in Meters	13
7	Width of available ROW in both side	13 m
8	Side of NH (left or right side of NH towards increasing chainage/Km direction)	ACROSS : 1. @ Ch. 35+320 km Along : 2. @ Ch. 33+560km To @Ch. 35.320 Total=1760
9	Name of Highway Authority of NHAI/PWD/BRO	Project Director NHAI, Shillong
10	Highway Administration address	National Highway Authority of India, Lower Lachumiere, Near Suptd. Engineer (Road), 3rd Floor, PWD, Shillong-793001, Meghalaya

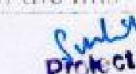
Sr. No	Item	Measurement. Observations as per site conditions	MORTH Norms	Whether complying with MORTH Norms
1	Details of already laid utility service, if any	No	NA	Complying
2	Whether up gradation of the stretch in near future is proposed or not	No		N/A
	(a) If yes, provision of utility adversely affect the plan of up-gradation	No	Not affect plan of up-gradation	N/A

[Signature]
Chief Project Manager
Indradhanush Gas Grid Ltd.
5th Floor, Central Mall, G.S. Road,
Guwahati, Assam-781005

[Signature]
Project Director
NHAI, S. O. - Shillong

Sr. No	Item	Measurement. Observations as per site conditions	MORTH Norms	Whether complying with MORTH Norms
3	Laying of the utility service along the National Highways.			
3.1.	Location of proposed utility service along the stretch	Utility Duct/ beyond the toe line of the embankment and drains, and close to the extreme edge of the RoW.	Utility Duct/ beyond the toe line of the embankment and drains, and close to the extreme edge of the RoW.	
3.2	Depth of top of utility service from ground level	1.2m		N/A
3.3	Mechanism for crossing water channel	Beneath the bed of Water Channel	Through utility duct(if provision exists) or beneath the bed of water channel	Complying
3.4	Whether ROW is restricted in this stretch?	NO		N/A
3.4.1	If yes, whether provision of land acquisition is required to lay utility	N/A		N/A
	(a) If yes, whether undertaking for land acquisition along with relevant L.A. details has been furnished	N/A		N/A
3.4.2	Width of concrete duct, if utility services are proposed to be laid in concrete ducts	N/A	Not less than one lane	N/A
4	Laying of utility services across the NH			
4.1	Whether Existing drainage structures is allowed to carry the utility lines.	NO	Not to be allowed	N/A
4.2	Proposed crossing of utility service	Crossing at 90°	Perpendicular to NHAI	Complying
4.3	Type of casing pipe/conduit carrying the utility line.	CARBON STEEL	Steel, cast iron, or reinforced cement concrete and have adequate strength	Complying
4.4	Whether ends of the casing/conduit pipe are sealed from the outside	SEALED	Sealed	Complying
4.5	Length of casing/conduit pipe crossing NH.	13 m	Extend from drain to drain in cuts and toe to toe of slope in the fills	Complying


Chief Project Manager
 Indradhanush Gas Grid Ltd.
 Floor, Central Mall, G.S. Road,
 Jorhat, Assam-781005


Project Director
 NHAI, S. O. - Shillong

Sr. No	Item	Measurement. Observations as per site conditions	MORTH Norms	Whether complying with MORTH Norms
4.6	Depth of top of the casing/conduit pipe.	Minimum 2.5 M	At least 1.2 m below the top of subgrade	Complying
4.7	Crossing method in case of CC pavement.	HDD/Boring	Only boring method (HDD)	Complying
4.8	Horizontal and vertical clearances in case utilities are allowed overhead.	N/A (Underground Only)	In accordance with IRC codes.	N/A
5	Document / Drawings enclosed with the proposal			
5.1	Cross-Section showing the size of trench for open trenching method		Enclosed, if applicable	
	(a) Trench width	1 m outside NH ROW	More than 30 cm and less than 60 Cm wider than the outer diameter of the utility pipe	
	(b) Filling of trench	As per Ministry Guidelines.	As per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016	
	(c) location of trench	Extreme edge of available ROW Space.	extreme edge of the ROW	
5.2	Cross section showing the size of pit and location of conduit for HDD method	Yes Enclosed	Enclosed, if applicable	Complying
5.3	Strip plan/ Route plan showing utility line, chainage, width of ROW, distance of proposed utility from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Yes Enclosed	Enclosed	Complying
5.4	Plan and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility	Yes Enclosed	Enclosed	Complying
6	Methodology for laying of utility line	Yes Enclosed	Enclosed	Complying
7	Draft License Agreement is as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016 and signed by two witnesses	Yes Enclosed	Enclosed	Complying

[Signature]
Chief Project Manager
 Indradhanush Gas Grid Ltd.
 5th Floor, Central Mall, G.S. Road,
 Guwahati, Assam-781005

[Signature]
Project Director
 NHAI, S. O. - Shillong

Sr. No	Item	Measurement. Observations as per site conditions	MORTH Norms	Whether complying with MORTH Norms
8	License fees in Favor of NHAI	Will be submitted	As per Ministry vide circular no. RE/NH-33044/29/2015/S & (R) dated 22.11.2016	
9	Whether Bank Guarantee has been obtained	Will be obtained at the time of permission.	As per Ministry vide circular no. RE/NH-33044/29/2015/S & (R) dated 22.11.2016	
	(a) If yes, whether Confirmation of BG has been obtained as per MoRTH/NHAI guidelines			
10	Affidavit / Undertaking from the Applicant for			
10.1	Undertaking for not to damage other existing utility, if damaged then to pay the losses to either to MoRTH/NHAI or to the concerned agency.	Enclosed	Enclosed	Complying
10.2	Undertaking for renewal of Bank Guarantees and when asked by NHAI/ MoRTH	Enclosed	Enclosed	Complying
10.3	Undertaking for confirming all standard condition of MoRTH/NHAI guidelines.	Enclosed	Enclosed	Complying
10.4	Undertaking for shifting of utility as and when asked by MoRTH/ NHAI within a month at their own cost.	Enclosed	Enclosed	Complying
10.5	Undertaking for indemnity against all damages and claims.	Enclosed	Enclosed	Complying
10.6	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Enclosed	Enclosed	Complying
10.7	Undertaking that If any claim is raised by the Concessionaire/contractor then the same has to be paid by the applicant	Enclosed	Enclosed	Complying

[Signature]
Chief Project Manager
 Indradhanush Gas Grid Ltd.
 5th Floor, Central Mall, G.S. Road,
 Guwahati, Assam-781005

[Signature]
Project Director
 NHAI, S. O. - Shillong.

10.8	Undertaking that the applicant has obtained various safety clearances from the representative 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 applicable, before applying to Highway Administration	Enclosed	Enclosed	Complying
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The Right of the Way (ROW) of the National Highway available at the proposed location from the center line of divided carriageway is 7 m - 6 m from center of ROW to edge of ROW towards proposed utility.

The above particulars along with the drawings and documents have been verified and certified as correct as per prevailing site conditions.

Name, Designation & Signature of the
Authorized representative of Applicant

Sundar
Project Director
NH, S. O. - Shillong

Sundar
Chief Project Manager
Indradhanush Gas Grid Ltd.
5th Floor, Central Mall, G.S. Road,
Guwahati, Assam-781005

इंद्रधनुष गैस ग्रिड लिमिटेड

(आई ओ सी एल, ओ एन जी सी एल, गेल, ओआईएल तथा एन आर एल का एक संयुक्त उद्यम)

Indradhanush Gas Grid Limited

(A JV of IOCL, ONGCL, GAIL, OIL & NRL)

5 वीं मंजिल, सेंट्रल मॉल
जीएस रोड, क्रिस्टियन बस्ती
गुवाहाटी असम 781005

ईमेल/Email: info@iggl.co.in

5th Floor, Central Mall
G.S Road, Christian Basti
Guwahati Assam 781005
वेबसाइट/Website: https://iggl.co.in



Ref: IGGL/GHY/NEGG-IIB/NHAI-SHILLONG/NH/2021/ 2

Date: 22/10/2021

To
The Project Director-PIU,
National Highway Authority of India,
Lower Lachumiere, Near Suptd. Engineer (Road),
3rd Floor, PWD
Shillong-793001, Meghalaya.

Sub: Permission for laying proposed 8" Ø Carbon Steel Natural Gas Pipeline along with 6" Ø Carbon steel OFC Conduit across & Along Shillong NH Bypass (NH-44) en-route National Highway under Shillong Spurline.

Dear Sir,

In line with hydrocarbon vision 2030 for North-Eastern states, IOCL, GAIL, ONGC, OIL & NRL have taken initiative to form Joint Venture Company, named, **Indradhanush Gas Grid Ltd. (IGGL)**. In order to develop and maintain Natural Gas Pipeline Grid in North East India along with associated infrastructure and supply Natural Gas to the customers in the region. The pipeline Grid would connect to state capitals of all states of North East i.e. Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tripura & Sikkim.

Pipeline Grid would connect with GAIL's Barauni-Guwahati Natural Gas Pipeline in Guwahati (Assam) and ONGC's marginal Gas field en-route the pipeline Grid. This pipeline network will provide Natural Gas to Industrial and Commercial Customers including Power/Fertilizers units and City Gas Distribution (CGD) networks in North-Eastern Region. With commissioning of the gas Grid. Industrial and Economic growth of North-Eastern Region is expected to get significant boost and supplement efforts of the Government for development of the region.

The proposed Gas Pipeline from **Shillong Spurline (8"Ø)** will pass through **Meghalaya** State. One crossing & one Along stretch are falling en-route pipeline. In order to lay pipeline we need NOC / Permission from your end.

We request you to kindly provide the permissions / NOC of the crossing as mentioned above at an early date as this is a project of National Importance and it is to be completed in time bound manner.

While crossing the road, 8" CS pipeline along with 6 " CS OFC Conduit will be laid at a depth of 5.0 m from the TOP of the road surface by HDD method. Along the Road, the pipeline along with OFC shall be laid at a depth minimum 1.2m below the Ground level by open trenching method or as per directives. We ensure to retain the road to its original condition.

पंजीकृत कार्यालय:
5 वीं मंजिल, सेंट्रल मॉल
जीएस रोड, क्रिस्टियन बस्ती
गुवाहाटी असम 781005
Regd. Office:
5th Floor, Central Mall
G.S Road, Christian Basti
Guwahati Assam 781005

(Signature)
Chief Project Manager
Indradhanush Gas Grid Ltd.
5th Floor, Central Mall, G.S. Road,
Guwahati, Assam-781005

सीआईएन/CIN
U40300AS2018GOI018660
वेबसाइट/Website: https://iggl.co.in

As per the Route Map, our Proposed Natural Gas Pipeline will be laid One crossing & one Along stretch NH Bypass (NH-44) which is falling in the route under your jurisdiction.

The pipeline route map is enclosed as Annexure-I; this Shows the exact site of the Proposed Natural Gas pipeline.

Details of P/L Laying Across NH-6 / Shillong NH Bypass (NH-44) are furnished below:

Sr. No.	DESCRIPTION	Approx. Chainage (km)	LINE NAME
1	Across Shillong NH Bypass(NH-44) (From Mawkhanu to Ryngskaw)	NHAI Ch. 35.320 Km	Proposed 8" Ø Shillong Spurline

Details of P/L Laying Along Shillong NH Bypass (NH-44) are furnished below:

Sr. No.	DESCRIPTION	Chainage		Total (M)	LINE NAME
		Start	End		
1	Along Shillong NH Bypass(NH-44) (From Mawkhanu to Ryngskaw)	33.560	35.320	1760	Proposed 8" Ø Shillong Spurline

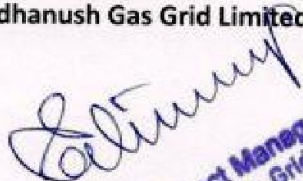
We are ready to pay fees/charges if any, as per the Government's rules and regulations and also, to execute the agreement.

M/s. Deshpande-Patil Consultants, 26, Guru Dakshina, Mahavir Nagar, Nr. Sai Ganesh Temple, Bharuch - 392 001, GUJARAT Phone: (02642) 250052, 654959, Fax No.: (02642) 250052, have been retained as service provider by IGGL for assistance and coordination in obtaining statutory Permission from various Departments / Authorities. They would provide further information and clarification as required. They would also accompany for field inspection. Our representative, of course, will join in inspection/discussion & when required.

As this is a time bound project contributing to National Prosperity, most expeditious actions are requested to grant us the permission.

Yours Faithfully
For Indradhanush Gas Grid Limited

Encl. :-


Chief Project Manager
Indradhanush Gas Grid Ltd.
8th Floor, Central Mall, G.S. Road,
Guwahati, Assam-781005

Details of Laying Underground Pipeline Across Shillong NH Bypass

1. (i) Name of company asking for : Indradhanush Gas Grid Limited.
Permission
- (ii) Contact Person : Name & Designation : M.W.Kyndiah
DGM (CONSTRUCTION)
Mo. No.+91 9862236507 / 94354-75394
- (iii) Full Address : 5Th Floor, Central Mall, G.S Road,
Christian Basti, Guwahati, Assam
781005
- (iv) Details & purpose for laying the pipe : Permission for laying proposed 8" Ø
line Across to NH Land Carbon Steel Natural Gas Pipeline along
with 6" Ø Carbon steel OFC Conduit
across and along Shillong NH Bypass
(NH-44) en-route National Highway
under Shillong Spurline.
- (v) Any other details regarding laying :
 - (a) Distance of proposed site from the : N/A
center of the road.
 - (b) Whether it is possible to lay the : YES
proposed lines or not (reasons)
 - (c) Whether it is possible to cross the : N/A
proposed lines through existing
lines or not (reasons)
2. Details regarding road alignment whether :
U/G Cable / pipe is to be laid a along the
road
 - (i) Name of Road : Shillong NH Bypass (Mawkanu to
Ryngskaw)
 - (ii) Category of road (to be ascertained : National Highway
from Km. stone on road side)
 - (iii) Width of the road
 - (a) Formation width measured from : 13 m
earthen bank
 - (b) Black Topped carriageway : 7 m
width(including both lanes)
 - (c) Road Boundary (extent of highway : 13m
land)
(All these details are to be shown
on the drawing also)


Chief Project Manager
Indradhanush Gas Grid Ltd.
5th Floor, Central Mall, G.S. Road,
Guwahati, Assam-781005

- (d) Location of pipeline laying Crossing : Between KM Stone 33 & 36 of Shillong NH Bypass(NH-44)
3. Details to be supplied on layout drawings (6 sets) : Drawing enclosed (Annexure)
4. **GEOGRAPHICS OF THE PIPELINE ROUTE**
- (a) Dimension of the Pipeline trench : Trenchless Technique(HDD Method) and open trenching
- (b) Dimension of Protection pipe. : N/A
- (c) Diameter of the Pipeline / Cable. : 8" Ø
- (d) Right of User : 1 m
5. (i) This is to certify that no Govt. Land shall be occupied by Indradhanush Gas Grid Limited, except for the purpose of laying of UG Cables / Pipeline. : Agreed
- (ii) This is to certify that the work shall be in accordance with the Govt. Rules and regulations in force from time to time and binding to Indradhanush Gas Grid Limited. : Agreed
- (iii) This is to certify that all required cost and fees as per rules and regulation of the Govt. will be deposited timely. : Agreed

Place : Guwahati
Date : / /2020

Authority Signatory
For Indradhanush Gas Grid Limited


Chief Project Manager
Indradhanush Gas Grid Ltd.
5th Floor, Central Mall, G.S. Road,
Guwahati, Assam-781005

NATIONAL HIGHWAY - 44 (Shillong NH Bypass)



Chief Project Manager
5th Floor, Central Mall, G.S. Road,
Guwahati, Assam-781003

LEGEND:-

ROW

PROPOSED IGGL P/L

OFC

ROUTE: NH-44(Shilong NH Bypass)

**STRETCH: GUWAHATI-PANISAGAR
PIPELINE PROJECT**

**TITLE: PROPOSED UNDERGROUND
NATURAL GAS P/L WITH OFC**

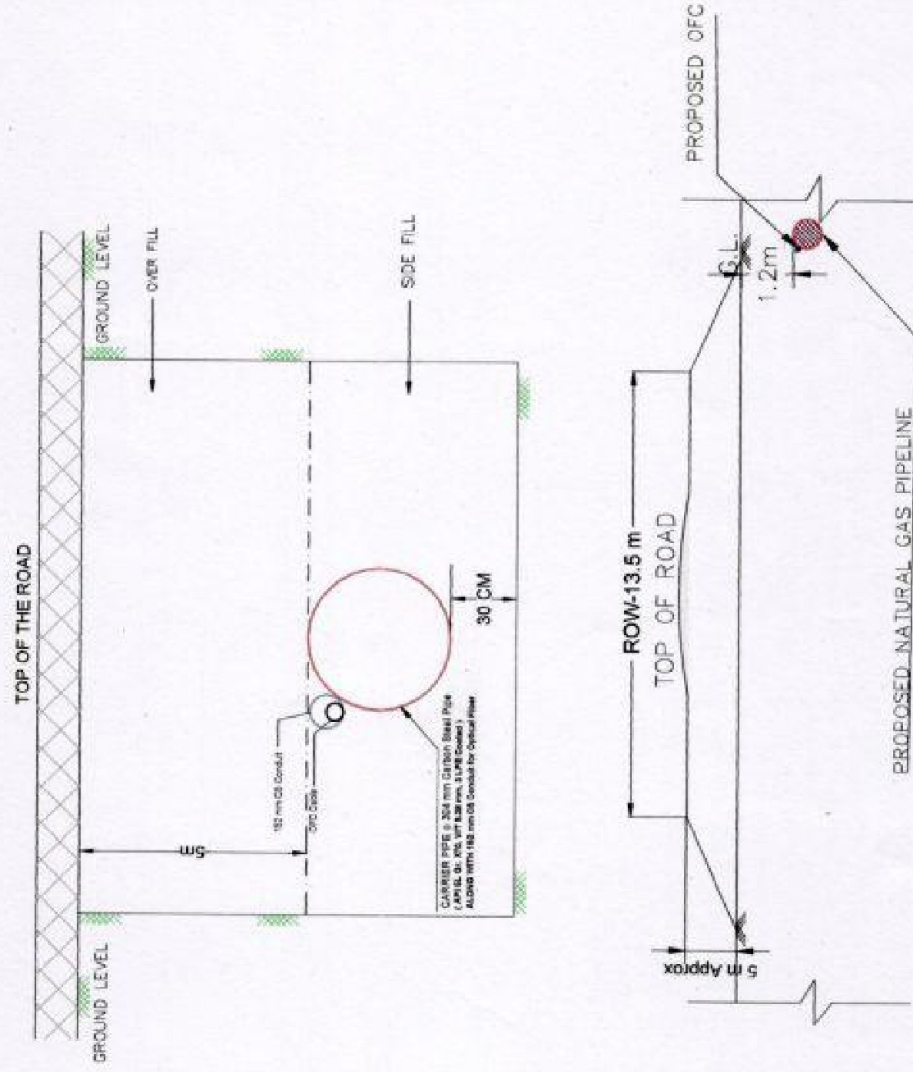
PROPOSED BY: IGGL

PROJECT OWNER



INORADHANUSH GAS GRID LIMITED
8th Floor, Central Mall, G.S Road,
Christian Basti, Guwahati,
Assam 781005

NAME OF WORK :- PERMISSION FOR LAYING PROPOSED 304mm Ø CARBON STEEL GAS PIPELINE **Along NATIONAL HIGHWAY 44 (Shillong NH Bypass) AT CH:33+560 to 35+320**



Legends :

- PROPOSED OIL P/L
- PROPOSED OFC

PROJECT OWNER



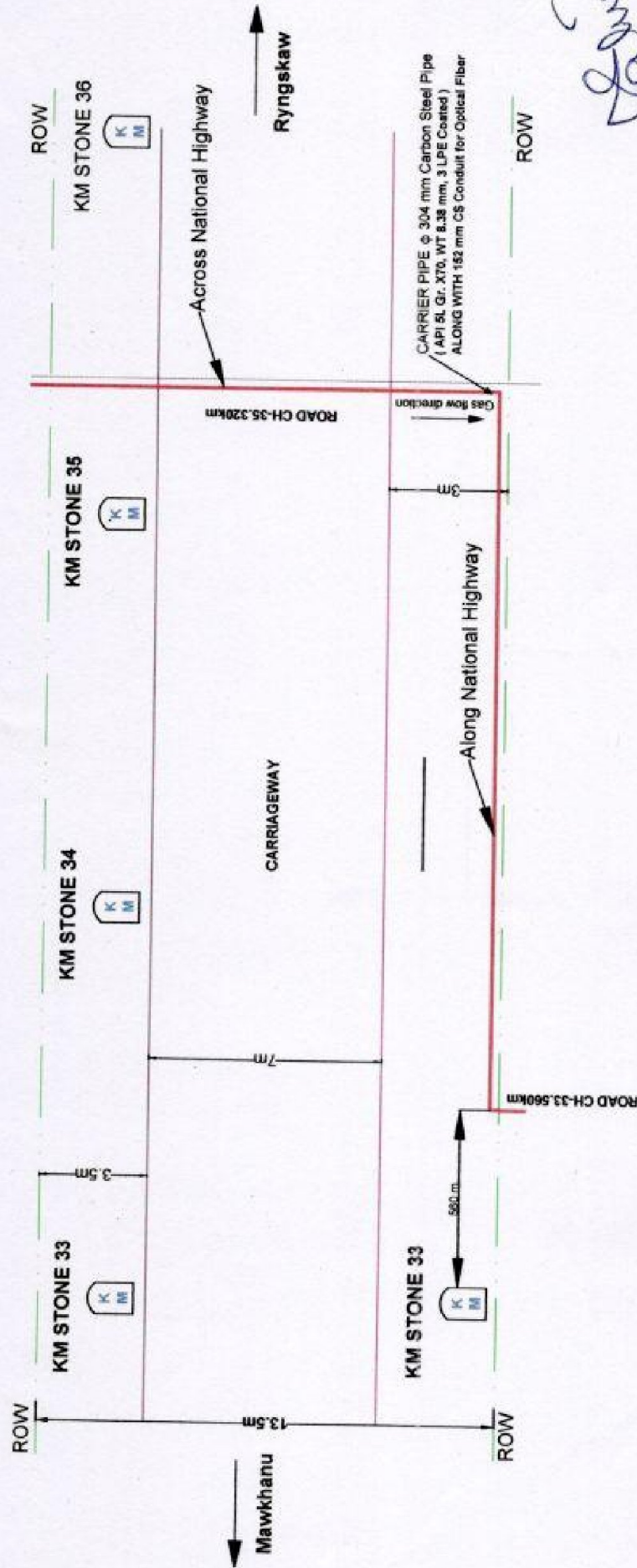
INDRADHANUSH GAS GRID LIMITED
 5TH Floor, Central Mall, G.S. Road,
 Christian Basti, Guwahati,
 Assam 781005

N.T.S.

Signature
 Chief Project Manager
 Indradhanush Gas Grid Ltd.
 5th Floor, Central Mall, G.S. Road,
 Guwahati, Assam-781005

PROPOSED PIPELINE Along NH CH:33+560 to 35+320

NATIONAL HIGHWAY - 44 (Shillong NH Bypass)



Signature
Chief Project Manager
 Indradhanush Gas Grid Ltd.
 8th Floor, Central Mall, G.S. Road,
 Guwahati, Assam-781005

LEGEND:-

- ROW
- PROPOSED IGGL P/L
- OFC

NOT TO SCALE

**ALL DIMENSION
ARE IN METERS**

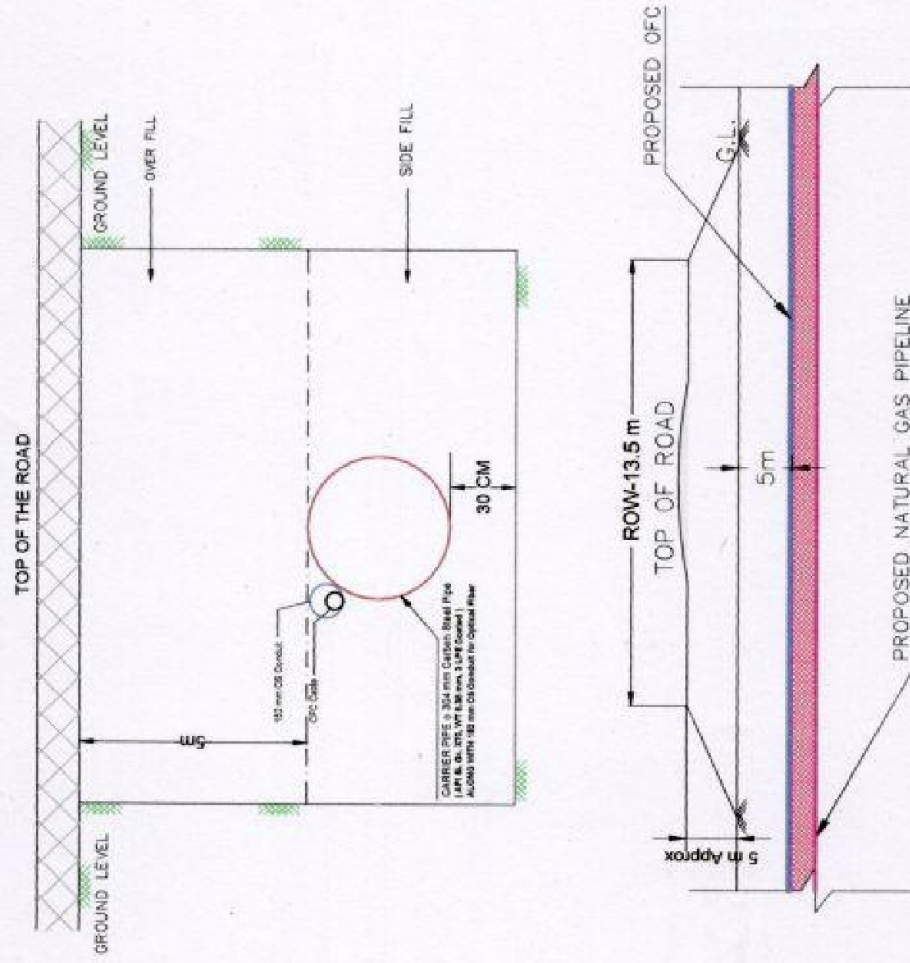
ROUTE: NH-44(Shillong NH Bypass)
STRETCH: GUWAHATI-PANISAGAR
 PIPELINE PROJECT
TITLE: PROPOSED UNDERGROUND
 NATURAL GAS P/L WITH OFC
PROPOSED BY: IGGL

PROJECT OWNER



INDRADHANUSH GAS GRID LIMITED
 8th Floor, Central Mall, G.S. Road,
 Christian Basti, Guwahati,
 Assam 781005

NAME OF WORK :- PERMISSION FOR LAYING PROPOSED 304mm Ø CARBON STEEL GAS PIPELINE ACROSS NATIONAL HIGHWAY 44 (Shillong NH Bypass) AT CH:35.320KM



Legends :

- PROPOSED OIL P/L
- PROPOSED OFC

N.T.S.

PROJECT OWNER



INDRADHANUSH GAS GRID LIMITED
5th Floor, Central Mall, G.S. Road,
Christian Basti, Guwahati,
Assam 781005

Signature
Chief Project Manager
Indradhanush Gas Grid Ltd.
5th Floor, Central Mall, G.S. Road,
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