



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India
(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय, ओडिशा /Regional Office, Odisha

301 - ए, तीसरी मंजिल, पाल हाईट्स, प्लॉट नं जे/7, जयदेव विहार
भुवनेश्वर - 751013, ओडिशा

301-A, 3rd Floor, Pal Heights, Plot No : J/7, Jayadev Vihar
Bhubaneswar- 751013, Odisha

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ronhaodisha@gmail.com

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NHAI/13011/54/RO/OD/1625/2021

17.06.2021

To

The Sr. Technical Director,
NIC Centre at MoRTH,
Transport Bhawan,
New Delhi 110001

Sub: Permission for crossing NRL's 28" diameter (712 mm) Crude Oil Pipeline encased with 36" diameter (915 mm) Casing Pipe along with 6" diameter (153 mm) OFC duct / cable, as an integral part of Crude Oil Pipeline crossing across the National Highway-5A by Horizontal Boring Method at NH design chainage 70+95 Km. in village- Kathaara 243, Tahasil- Kujanga in Jagatsinghpur- HDD crossing at Km.70+095 (on NH- 5A) Chandikhol- Paradip section - reg

Ref: 1. PD, PIU- Bhubaneswar letter No.620 dated 20.05.2021
2. Supervision Consultant (Dhruv) letter No.102 dated 19.01.2021
3. M/s Numaligarh Refinery Ltd, Guwahati, Assam letter No. NRL/PSNPL/NOC/NH-5A/11+095/2019 dated 16.01.2020

Sir,

Please find enclosed herewith a proposal of M/s Numaligarh Refinery Ltd, Guwahati, Assam for issuance of Permission for crossing NRL's 28" diameter (712 mm) Crude Oil Pipeline encased with 36" diameter (915 mm) Casing Pipe along with 6" diameter (153 mm) OFC duct / cable, as an integral part of Crude Oil Pipeline crossing across the National Highway-5A by Horizontal Boring Method at NH design chainage 70+95 Km. in village- Kathaara 243, Tahasil- Kujanga in Jagatsinghpur- HDD crossing at Km.70+095 (on NH- 5A) Chandikhol- Paradip section. The details is as under:

Sl. No.	Chainage		Along/ Across	Length (in meter)	Remark
	From	To			
1.	70+095		Crossing	The width of RoW	Laying of 28" diameter (712 mm) Crude Oil Pipeline encased with 36" diameter (915 mm) Casing Pipe along with 6" diameter (153 mm) OFC duct / cable, as an integral part of Crude Oil Pipeline crossing across the National Highway-5A by Horizontal Boring Method

2. Accordingly, as per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016, the application along with the recommendations of concerned PD/Consultants are enclosed herewith with request to hoist the same in the Ministry's Website for public comments within 30 days of uploading on the website.

Yours faithfully,

(Dr. Ram Prasad Panda)
CGM (Tech) & RO- Odisha



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

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(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

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NHAI/13011/54/RO/OD/ 1624/2021

17.06.2021

INVITATION OF PUBLIC COMMENTS

Sub: Permission for crossing NRL's 28" diameter (712 mm) Crude Oil Pipeline encased with 36" diameter (915 mm) Casing Pipe along with 6" diameter (153 mm) OFC duct / cable, as an integral part of Crude Oil Pipeline crossing across the National Highway-5A by Horizontal Boring Method at NH design chainage 70+95 Km. in village- Kathaara 243, Tahasil- Kujanga in Jagatsinghpur- HDD crossing at Km.70+095 (on NH- 5A) Chandikhol- Paradip section - reg.

M/s Numaligarh Refinery Ltd, Guwahati, Assam has submitted a proposal for issuance of Permission for crossing NRL's 28" diameter (712 mm) Crude Oil Pipeline encased with 36" diameter (915 mm) Casing Pipe along with 6" diameter (153 mm) OFC duct / cable, as an integral part of Crude Oil Pipeline crossing across the National Highway-5A by Horizontal Boring Method at NH design chainage 70+95 Km. in village- Kathaara 243, Tahasil- Kujanga in Jagatsinghpur- HDD crossing at Km.70+095 (on NH- 5A) Chandikhol- Paradip section. The details is as under:

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2. As per guidelines issued by MoRT&H vide F. No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the Highway Administration will put out the application in the public domain for 30 days for seeking claims and objections on grounds of public inconvenience, safety and general public interest.

3. In view of the above, the comments of public, if any, on the above mentioned proposal are invited on below mentioned address:

The Regional Officer,
National Highways Authority of India,
Regional Office, Odisha
301-A, 3rd Floor, Pal Heights,
J/7, Jayadev Vihar, Bhubaneswar 751013, Odisha
e-mail : roodisha@nhai.org

CGM (Tech) & RO- Odisha
National Highways Authority of India,
Regional Office, Odisha
301-A, 3rd Floor, Pal Heights,
J/7, Jayadev Vihar, Bhubaneswar 751013

CHECK - LIST

Guidelines for NHAI for processing the proposal for laying of Crude Oil Pipe Line in the land across/along NH.

- Relevant circulars of Ministry of Road Transport and Highways:
 - Circular No. NH-III/P/66/76 dated 18/19.11.1976
 - Circular No. RW/NH-III/P/66/76 dated 11.5.1982
 - Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993
 - Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995
 - Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999
 - Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003
 - Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016
- Check list for getting approval for laying of Crude Oil Pipe Line on NH land (To be filled by the PIU)

The permission for laying of Crude oil pipe line shall be considered for approval / rejection based on the Ministry Circulars mentioned as above,

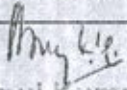
Carrying of Crude oil pipelines on highway bridges shall not be permitted as oil pipes can accelerate the process of corrosion or may cause explosions, thus being much more injurious & dangerous than leakage of water.

Services are not being allowed indiscriminately on the parapet/any part of the bridges. Safety of the bridges must be kept in view while permitting various services along bridge.

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

General Information		
1	Name and Address of the Applicant/Agency	Numaligarh Refinery Limited, 122A, GS Road, Christian Basti, Guwahati -785001
2	National Highway Number	NH – 5A (Chandikol - Paradip)
3	State	Odisha
4	Location	Between NH Km 70+000 & 71+000 at village Katha ara - 243, tahasil Kujang, district Jagatsinghpur, state Odisha.
5	Chainage in km	70+ 095 km NH design Chainage
6	Length in Meters	198.00 Meters
7	Width of available ROW in both side	198.00 Meters ✓
8	(a) Left side from center line towards increasing chainage/ km direction	146.00 Meters
	(b) Right side from center line towards increasing chainage/ km direction	52.00 Meters
9	Name of Highway authority of NHAI/PWD/BRO	Project Director, National Highway Authority Of India (NHAI), PIU, Bhubaneswar. Odisha
10	Highway Administration address	R.O NHAI, 3 rd Floor, Pal Heights Mall, Jayadev Vihar, Bhubaneswar, Odisha 751013.



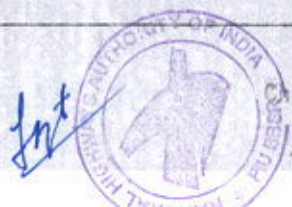

Monuj Kumar Pegu
 Chief General Manager (Project-Pipeline)
 Numaligarh Refinery Ltd

PROJECT DIRECTOR
 National Highways Authority of India
 P.O. Box 10, Bhubaneswar - 751013
 Odisha
 19/5/2021

Sr. No.	Item	Measurement observation as per site condition	MoRTH Norms	Weather complying with MoRTH Norms (Y/N)
1	Details of already laid services, if any, along the proposed route	OFCs	Enclosed	
2	Whether up gradation of the stretch in near future is proposed or not	Not proposed	-	
	(a) If yes, provision of utility adversely affect the plan of up-gradation	Not applicable	-	
3	Laying of the utility service along the National Highways.			
3.1	Location of the proposed utility service along the stretch	Not applicable	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	Not applicable	0.6 meter	-
3.3	Mechanism for crossing water channel	Not applicable	Through utility duct (if provision exists) or beneath the bed of water channel	-
3.4	Whether ROW is restricted in this stretch?	Not applicable	-	-
3.4.1	If yes, whether provision of land acquisition is required to lay utility	Not applicable	-	-
	(a) If yes, whether undertaking for land acquisition along will relevant L.A. Details has been furnished	Not applicable	-	-
3.4.2	Width of concrete duct, if utility services are proposed to be laid in concrete ducts.	Not applicable	Not less than one lane	-
4	Laying utility services across to N.H.			
4.1	Whether Existing drainage structures is allowed to carry the utility lines.	No ✓	Not to be allowed	-
4.2	Proposed crossing of utility service.	Crude Oil Pipeline	Perpendicular to NH ✓	Yes
4.3	Type of casing pipe/conduit carrying the utility line.	28" dia carbon steel carrier pipe encased within 36" dia casing Pipe along with OFC by Horizontal Boring method	Steel, Cast iron or reinforced cement concrete and have adequate strength	Yes
4.4	Whether ends of the casing/conduit pipe are sealed from the outside.	Sealed ✓	Sealed	Yes
4.5	Length of casing/conduit pipe crossing N.H.	198.00 meters	Extend from drain to drain in cuts and toe to toe of slope in the fills	Yes
4.6	Depth of top of the casing/conduit pipe.	1.2 meters	At least 1.2 m below the top of sub grade	Yes

Monty Kumar Pegu
Chief General Manager (Project-Pipeline)

4.7	Crossing method in case of CC pavement.*	Horizontal Boring Method	Only Boring Method	Yes
4.8	Horizontal and vertical clearances in case utilities are allowed overhead.	NA	In accordance with IRC code	--
5	Document/ Drawings enclosed with the proposal.			
5.1	Cross-Section showing the size of trench for open trenching method.	NA	Enclosed, if applicable	-
	(a) Trench width	NA	Normal Size 30 cm and Should not be greater than 60cm wider than the outer diameter of the utility pipe	-
	(b) Filling of trench	NA	As per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R/ dated 22.11.2016	-
	(c) Location of trench	NA	Extreme edge of the ROW	-
5.2	Cross-Section showing the size of pit and location of conduit for HDD method	Drawing Enclosed	Enclosed, if applicable	Yes
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.	Drawing Enclosed	Enclosed	Yes
5.4	Plan and profile drawing of stretch showing Cross-Section of road at 20 m distance along with ROW and Proposed utility.	NA	Enclosed	-
6	Methodology for laying of utility line	Enclosed	Enclosed	Yes
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	Enclosed	Enclosed	Yes
8	License fees in favor of MoRTH RPAO Bhubaneswar	Will be submitted as and when informed by NHAI	As per Ministry vide circular no. RE/NH-33044/29/2015/S&(R) dated 22.11.2016	Yes
9	Whether Bank Guarantee has been obtained	Will be submitted as and when informed by NHAI	As per Ministry vide circular no. RE/NH-33044/29/2015/S&(R) dated 22.11.2016	Yes
	(a) If yes, whether Confirmation of BG has been obtained as per MoRTH/NHAI guidelines.	Will be submitted as and when informed by NHAI	-	Yes



Monuj Kumar Pegu

Chief General Manager (Project-Pipeline)

Numaligarh Refinery Ltd.

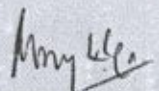
122A, G.S. Road, Chhatrapati

10	Affidavit / Undertaking from the Applicant for the following is to be furnished			
10.1	Undertaking for not to Damage to other existing utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Enclosed	Enclosed	Yes
10.2	Undertaking for Renewal of Bank Guarantees and when asked by NHAI/MoRTH.	Enclosed	Enclosed	Yes
10.3	Undertaking for Confirming all standard condition of MoRTH/NHAI guidelines.	Enclosed	Enclosed	Yes
10.4	Undertaking for Shifting of utility as and when asked by MoRTH/ NHAI within a month at their own cost.	Enclosed	Enclosed	Yes
10.5	Undertaking for indemnity against all damages and claims	Enclosed	Enclosed	Yes
10.6	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Enclosed	Enclosed	Yes
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	Yes
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	Yes

The Right of the way (ROW) of the National Highway available at the proposed location from the center line of divided carriageway is 52.00m at RHS and 146.00m at LHS towards increasing chainage of NH (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.

Numaligarh Refinery limited


Monuj Kumar Pegu
 Chief General Manager (Project - Pipeline)
 Numaligarh Refinery Limited,
 Numaligarh, Assam

Monuj Kumar Pegu
 Chief General Manager (Project-Pipeline)
 Numaligarh Refinery Ltd.
 122A, G.S. Road, Christianbasti
 Guwahati-781005

Verified by


Project Director
NHAI PIU, Bhubaneswar
 परियोजना निदेशक
PROJECT DIRECTOR
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
 प.का.३, भुवनेश्वर / PIU, Bhubaneswar





NUMALIGARH
REFINERY
LIMITED



A GOVERNMENT OF INDIA UNDERTAKING

CIN : U11202AS1993GOI003893

Ref: NRL/PSNPL/NOC/NH-5A/11+095/2020/01

Date 23.11.2020

To,

The Project Director,
National Highway Authority of India,
PIU, Bhubaneswar.
612, Utkal Signature, 3rd floor, Pahal, NH-5
Bhubaneswar – 752 101

Sub: Permission for laying NRL's 28" diameter (712mm) Crude Oil Pipeline encased with 36" diameter (915 mm) Casing Pipe along with 6" diameter (153 mm) OFC duct/Cable, as an integral part of Crude Oil pipeline crossing across the National Highway – 5A by Horizontal Boring Method at NH design chainage 70 +095 Km in Village Katha ara -243, Tahasil Kujang in District Jagatsinghpur — Request to expedite the process for issuing permission/ NOC at the earliest. Submission of modified checklist, Annexure "A" and Annexure "B"

Ref: (i) NRL's letter no. NRL/PSNPL/NOC/NH-5A/11+095/2019 dated 16.01.2020

Dear Sir,

We thank you for the support and guidance provided by your Consultant during the site visit of proposed NRL crude oil pipeline crossing across NH-5A on 05.07.2020.

During site visit Dhruv Consultancy Services Limited inform that ROW width of NH - 5A will be 198 mtr. in stated of 65.35 mtr. Hence, we are submitting corrected copy of the drawing along with checklist, Annexure "A" and Annexure "B" for your further necessary action.

As the project is of National importance and is being monitored by Govt of India with a firm completion schedule of 48 months, request your kind intervention to expedite the process for issuing permission / NOC at the earliest for laying of proposed pipeline and OFC across NH-5A.

Thanking You,

For Numaligarh Refinery Limited,

(Monuj Kumar Pegu)
Chief General Manager (Project-Pipeline)
Numaligarh Refinery Ltd
Guwahati-781005

Encl: Drawings; Checklist Annexure "A" and Annexure "B" - 03 sets

Please reply to :

NRL Registered office, Project Pipeline Division, Numaligarh Refinery Limited, 122A, Christian Basti, G.S Road Guwahati – 781 005, Phone : 0361 220 3140, Telefax : (0361) 203146

REFINERY OFFICE

Pankagranti, P.O : Numaligarh Refinery Complex,
Dist. : Golaghat, Assam, Pin – 785 699,
Fax : 03776-265755,
EPABX – 03776-265-593 / 594 / 413

COORDINATION OFFICE

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Telefax : (033) 24293079
E-mail : nrl@caltiger.com