



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 हाइट्स, प्लॉट नं जे/7, जयदेव विहार
भुवनेश्वर - 751013, ओडिशा

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

दूरभाष/Tel. : +91-674-2361570/670

फैक्स/Fax : +91-674-2361770

ई-मेल /e-mail : roodisha@nhai.org

ronhaodisha@gmail.com

वेबसाइट/Website : http://www.nhai.org



NHAI/13011/54/RO/OD/ 2488 /2020

03.12.2020

To,

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

Sub: Permission for laying of 18" OD 0.281 WT MS Product Pipeline along with OFC across National Highway-5A (New NH-53) at Km. 66.120- **Reg.**

Ref: 1. PD, PIU- Bhubaneswar letter no. 1294 dated 20.11.2020
2. PD, PIU- Bhubaneswar letter no. 1150 dated 25.09.2020
3. CGM, IOCI, Balasore letter no. PSHPL/BLS/NH/01 dated 05.08.2020
4. Supervision Consultant letter no. 028 dated 12.02.2020
5. CGM, IOCI, Balasore letter no. PSHPL/BLS/NH/01 dated 23.09.2019

Sir,

Please find enclosed herewith a proposal of CGM, Indian Oil Corporation Limited (IOCL), Balasore seeking Permission for laying of 18" OD 0.281 WT MS Product Pipeline along with OFC across National Highway-5A (New NH-53) at Km. 66.120. The following table briefs the locations details of the proposal:

Sl. No.	Description/ Location (Crossing)	NH	Chainage	Alignment (along or across)
1	Laying of 18" OD 0.281 WT MS Product Pipeline along with OFC across National Highway-5A.	5A (New NH-53)	Km. 66.120	Across the NH using HDD method

2. Accordingly, as per guidelines issued by MoRT&H vide F. No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application alongwith the recommendations of concerned PD & Consultant 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.

This is issued with the approval of the "Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar".

Encl: As above

Yours faithfully,

General Manager (Tech.)

Copy to: PD, PIU- Bhubaneswar for information

Corporate Office : G-5 & 6, Sector-10, Dwarka, New Delhi-110 075, Phone : 011-25074100/200
Website : http://www.nhai.org



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

NHAI/13011/54/RO/OD/ 2489 /2020

दूरभाष/Tel. : +91-674-2361570/670

फैक्स/Fax : +91-674-2361770

ई-मेल /e-mail : roodisha@nhai.org

ronhaiodisha@gmail.com

वेबसाइट/Website : http://www.nhai.org



भारतमाला
प्रगति के पथ पर अग्रसर



BHARATMALA
ROAD TO PROSPERITY

03.12.2020

INVITATION OF PUBLIC COMMENTS

Sub: Permission for laying of 18" OD 0.281 WT MS Product Pipeline along with OFC across National Highway-5A (New NH-53) at Km. 66.120- Reg.

CGM, Indian Oil Corporation Limited (IOCL), Balasore seeking Permission for laying of 18" OD 0.281 WT MS Product Pipeline along with OFC across National Highway-5A (New NH-53) at Km. 66.120. The following table briefs the locations details of the proposal:

Sl. No.	Description/ Location	NH	Chainage (Crossing)	Alignment (along or across)
1	Laying of 18" OD 0.281 WT MS Product Pipeline along with OFC across National Highway-5A.	5A (New NH-53)	Km. 66.120	Across the NH using HDD method

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 is 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

This is issued with the approval of the "Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar".


General Manager (Tech.)

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

CHECK - LIST	
Guidelines for Project Directors for processing the Proposal for laying of 18" OD Product Pipeline across National Highway No. 5A Vested with NHAI.	
Relevant Circulars	
1. Ministry Circular No. NH 41(58)/68 date 31-01-1969	
2. Ministry Circular No. NH III/P/66/76 dated 18/19-11-1976	
3. Ministry Circular No. RW-NJ- III/P/66/76 dated 11-05-1982	
4. Ministry Circular No. RW-NH- 11037/1/86 DOI(II)dated 28-07-1993	
5. Ministry Circular No. RW-NH- 11037/1/86 DOI dated 19-01-1995	
6. Ministry Circular No. RW-NH- 34066/2/95 S&R / Dated 25-10-1999	
7. Ministry Circular No. RW-NH- 34066/7/2003 S&R (B)dated 17-09-2003	
8. Ministry Circular No. RW-NH- 33044/27/2005 S&R (Pt) Dated 06-08-2013	
9. Ministry Circular No. RW-NH- 33044/29/2015 S&R Dated 22-11-2016	

Check List for getting approval for laying of Petroleum Product Pipeline on NHAI Land			
Sr. No.	Item	Information / Status	Remarks
1	General Information	Indian Oil Corporation Limited has taken up a project of laying an underground Pipeline of 18" OD for transportation of Product from its upcoming Paradip-Somnathpur-Haldia Product Pipeline across NH-5A at Chainage 66.120 Km at Village: Kodakana, Tahasil: Mahakalpara, District: Kendrapara (NH-53)	
1.1	Name & Address of the Applicant / Agency	Indian Oil Corporation Ltd. (Pipelines Division) Qtr No. B-1 & B-2 Indian oil Housing complex, At/P.O- Kuruda, Meghadambaru, Balasore	
1.2	National Highway Number	NH-5A	
1.3	State	Odisha	
1.4	Location	Village: Kodakana, Tehsil: Mahakalpara, District: Kendrapara	
1.5	Chainage in KM	NH -5A at Chainage 66.120 Km (NH-53)	
1.6	Length in Meters	150 Mtr. 250.4 mtr	
1.7	Width of available ROW	350 Mtr. 504.210 mtr	
	(a) Left side from center line towards increasing chainage/ Km direction	150 Mtr. 251.4 mtr	
	(b) Right side from center line towards increasing chainage/ Km direction	200 Mtr. 252.81 mtr	
1.8	Proposal to lay underground Petroleum Product Pipeline along with OFC	N/A	
	(a) Left side from center line towards increasing chainage/ Km direction	N/A	
	(b) Right side from center line towards increasing chainage/ Km direction	N/A	
1.9	Proposal to acquire Land	N/A	
	(a) Left side from Centre line	N/A	
	(b) Right side from the centre line	N/A	
1.10	Whether the proposal is in the same side where land is not to be acquired	N/A, Only Crossing	
	If not where to lay the Pipeline	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)	4 lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders 4/6/8 lanes)	6 lanes	
1.14	Service road existing or not		
	If yes then which side		
	(a) Left side from centre line	Not Existing	
	(b) Right side from the centre line		
1.15	Proposed Service road		
	(a) Left side from the centre line	N/A	
	(b) Right side from the centre line		

NH 5A Crossing permission application for PSHPL of IOCL

Location: At CH-66.120 Km, Village: Naldia, Tehsil: Mahakalpara, District: Kendrapara

Project Implementation Unit, Bhubaneswar

मुकेश प्रसाद सिंह
Mukesh Prasad Singh
मुख्य निर्माण प्रबंधक
Chief Construction Manager
आई ओ सी एल, पाइपलाइन्स बालासोर
IOCL Pipelines Balasore

परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
Ministry of Road Transport and Highways
Government of India
प.क. इ. भुवनेश्वर/PIU, Bhubaneswar

Sr. No.	Item	Information / Status	Remarks
1.16	Whether proposal to lay Petroleum pipe line is after the service road or between the service road and main carriageway.	Only NH-5A Crossing. ✓	
1.17	The permission for laying of petroleum pipeline shall be considered for approval / rejection based on Ministry circulars as mentioned above.		
	a. Carrying of Oil/Petroleum Product pipeline on highway bridges shall not be permitted as fume/gases pipes can be accelerate the process of corrosion, thus being much cause explosions, thus being much more injurious that of leakage of gas.	No Highway bridge shall be involved in laying the Proposed Pipeline.	
	b. Carrying of gas pipelines on bridges shall also be discouraged. However if the gas authorities seems to have no other viable alternative and approach the highway authority well in time before the design of bridge is finalized, they may be permitted to carry the pipeline on independent super structure supported on extended portions of piers and abutments in such a manner that in final arrangement enough free space around the super structure of the bridge and repairs etc.	N/A	
	c. Cost of extension of the required substructures as well that of supporting structure shall be born by the agency in charge of 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 which approvals are to be accorded in this regard with the concurrence of Ministry's project Chief Engineers only.	N/A	
1.18	If the crossing of the road involved if yes, it shall be either encased in pipe or through structure or conduits specially built for that purpose at the expenses of the agency owing the line	HDD Method	
	(a) Existing drainage structures shall not to be allowed to carry the lines.	No Drainage Structure involved in laying of Product Pipeline. ✓	
	(b) Is it on a line normal to NH	Yes ✓	
	(c) Crossing shall not be too near the existing structure on the National Highway, the minimum distance being 15 meter.	Agreed	
	(d) The casing pipe (or conduit pipe in case of electrical cable) carrying the utility line shall be or steel, cast iron or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/ cable.	Horizontal Directional Drilling Technique method with 18" Carbon steel Pipe Confirming to API Specification shall be used. ✓	
	(e) Ends of the casing/ conduit pipe shall be sealed from the outside so that it does not act as a drainage path.	Agreed, Shall be followed as per guidelines of NHAI.	
	(f) The casing / Conduit pipe should , as minimum extend from drain to drain in cuts and toe of slope toe in the fills	Agreed, Shall be followed as per guidelines of NHAI.	
	(g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.	Agreed, Shall be followed as per guidelines of NHAI.	
	(h) rossing shall be Horizontal Directional Drilling method Specially where the existing road pavement is of Cement concrete or dense bituminous concrete type.	Horizontal Directional Drilling Technique Shall be adopted.	
	(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.	Agreed, Shall be followed as per guidelines of NHAI.	
2	Document/ drawings enclosed with the proposal.	YES	

मुकुश प्रसाद सिंह
Mukesh Prasad Singh
मुख्य निर्माण प्रबंधक
Chief Construction Manager
आई ओ सी एल, पाइपलाइन्स बालासोर
IOCL Pipelines Balasore.

Sr. No.	Item	Information / Status	Remarks
	(d) On approaches, the water mains/Cable shall be carried along a line as close to the edge of the right-of-way as possible up to a distance of 30 m from the bridge and subject to all other stipulations contained in the ministry's guidelines issued the letter No. H1/P/66/76 dated 19.11.1976.	N/A	
3	Draft License Agreement signed by two witnesses	Yes	
4	Performance Bank Guarantee in favor of NHAI has to be obtained @ Rs. 50/- per running meter (parallel to NH) and Rs. 1,00,000/- 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 m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for the clearing debris/ loose earth.	Indian Oil Corporation Limited Bank Guarantee as intimated by NHAI.	
4.1	Performance Bank Guarantee as per above is to be Obtained.	Will be submitted as intimated by NHAI.	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	N/A	
5	Affidavit/ Undertaking from the Applicant for the following is to be furnished.	Affidavit is enclosed mentioning all these clause/stipulations	
5.1	Not to damage to other utility, if damaged then to pay the losses either to NHAI or the concerned agency		
5.2	Renewal of Bank Guarantee		
5.3	Confirming all standard condition NHAI's guidelines.		
5.4	Shifting of Petroleum Product pipe line as and when required by NHAI at their own cost.		
5.5	Shifting due to planning/widening of NH.		
5.6	Indemnity against all damages and claims clause (XXIV)		
5.7	Traffic movement during laying of Petroleum Product pipe line crossing to be managed by the applicant.		
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant.		
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of the installation, shifting or repairs, or alterations to the Showing Product pipeline located in the National Highway Right of Way.		
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 Petroleum Product pipeline will be borne by the applicant agency owing the line		
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 agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.		
5.12	Certificate from the applicant in the following format: (i) Laying of Petroleum Product pipe line 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 granted within such time as will be stipulated by NHAI" for future six-laning or any other development"	Certificate furnished as stated	

मुकेश प्रसाद सिंह
Mukesh Prasad Singh

मुख्य निर्माण प्रबंधक
Chief Construction Manager

आई ओ सी एल, पाइपलाइन्स बालासोर
IOCL Pipelines Balas

NH 5A Crossing permission application for PSHP of IOCL

Location: At Chy. 66.120 Km, Village: Nalidia, Tehsil: Mahakapara, District: Kendrapara.

Project Implementation Unit, Bhubaneswar

National Highways Authority of India

का.ड. असेसमेंट/PIU, Bhubaneswar

Sr. No.	Item	Information / Status	Remarks
6	Who will sign the agreement on behalf of the Petroleum Product pipe line agency.	Mukesh Prasad Singh, Chief construction Manager, Indian oil corporation Limited, (Pipelines Division) PHDPL, Balasore	
7	Certificate from the Project Director		
7.1	Certificate for proposal for confirming of all standard condition issued vide Ministry Circular No. NH 41(58)/68 date 31-01-1969, Ministry Circular No. NH III/P/66/76 dated 18/19-11-1976, Ministry Circular No. RW-NJ-III/P/66/76 dated 11-05-1982, Ministry Circular No. RW-NH- 11037/1/86 DOI(II)dated 28-07-1993, Ministry Circular No. RW-NH- 11037/1/86 DOI dated 19-01-1995, 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 17-09-2003, Ministry Circular No. RW-NH- 33044/27/2005 S&R (Pt) Dated 06-08-2013 & Ministry Circular No. RW-NH- 33044/29/2015 S&R Dated 22-11-2016		
7.2	Certificate from PD in the following format: (i) It is certified that any other location of the Petroleum Product pipe line would be extremely difficult and unreasonable costly and the installation of Petroleum Product pipe line 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 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 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.		
8	If NH section proposed to be taken up by NHA on BOT basis, a clause is to be inserted in the agreement. "The Permitted Highway on which Licensee has been granted the right to lay water pipeline/duct has also been granted as a right of way to the concessionaire under the concession agreement for up gradation of NH-5A (Chandikhol to Paradip Section) on Build, Operate and Transfer basis and therefore, the licensee shall honor the same".	N/A	
9	Who will supervise the work of laying of Petroleum Product pipe line	Indian oil corporation limited	
10	Who will ensure that the defects in road portion after laying of Petroleum Product pipe line are corrected and if not corrected then what action will be taken.	Indian oil corporation limited	
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire	Indian Oil Corporation Ltd. (Pipelines Division) Paradip Somnathpur Haldia Project, Balasore	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed performa.		
13	If any previous approval is accorded for laying of underground Petroleum Product pipe line then photocopy of register of records of permissions accorded as maintained PD then copy be enclosed.	N/A	

मुकेश प्रसाद सिंह
Mukesh Prasad Singh

मुख्य निर्माण प्रबंधक
Chief Construction Manager

आई ओ सी एल, पाइपलाइन्स बालासोर
IOCL, Pipelines Balasore.

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

NH 5A Crossing permission application for PSHPL of IOCL

Location: At Ch:66.120 Km, Village: Naldia, Tehsil: Mahakapara, District: Kendrapada.

National Highways Authority of India
Project Implementation Unit, Bhubaneswar