



**भारतीय राष्ट्रीय राजमार्ग प्राधिकरण**  
(सड़क परिवहन और राजमार्ग मंत्रालय)  
**National Highways Authority of India**  
(Ministry of Road Transport & Highways)

टेली / Tele : 040 - 29562147 / 48

ई-मेल / E-mail : rohyderabad@nhai.org  
nhairohyd@gmail.com



**क्षेत्रीय कार्यालय - हैदराबाद**

प्रथम तल, नया भवन, भारतीय प्रशासनिक स्टाफ कॉलेज, कॉलेज पार्क कॉपस, रोड नंबर-3, बंजारा हिल्स, हैदराबाद-500 034. तेलंगाना

**Regional Office - Hyderabad,**

First Floor, New Building, Administrative Staff College of India (ASCI), College Park Campus, Road No. 3, Banjara Hills, Hyderabad - 500 034, Telangana.

**Notice Inviting Public Comments**

NHAI/RO-HYD/25011/1/27/2021/Utility/2172

Dt.23.11.2021

**Sub:**NHAI - RO Hyderabad - PIU Hyderabad- Krishnapatnam-Hyderabad pipeline project of M/s BPCL- Proposal for Permission for laying of 16 inch dia underground multi-product petroleum pipeline encased in 22 inch dia steel casing pipe along with 40mm dia HDPE ducts for Optical Fiber Cable across National Highway at Km. 65+785 by HDD method on Hyderabad -Vijayawada section of NH-65 in the State of Telangana - Reg.

**Ref:** 1. PD, PIU Hyd letter no. NHAI/PIU-HYD/NH-65/BPCL/Km.64.785/2021/1421, Dt 29.09.2021

The Project Director, PIU, NHAI, Hyderabad vide letter cited above, has recommended the Proposal of M/s BPCL for grant of Permission for 'laying of 16 inch dia underground multi-product petroleum pipeline encased in 22 inch dia steel casing pipe) along with 40mm dia HDPE ducts for Optical Fiber Cable across National Highway by HDD method on Hyderabad -Vijayawada section of NH-65 in the State of Telangana for the approval of the Competent Authority

2. The proposal has been examined as per Ministry's Guidelines vide letter no.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.

3. In view of above, as per above Ministry's guidelines Para 4, public comments are hereby invited on the above proposal seeking claims and objections (on grounds of public inconvenience, safety and general public interest) within 30 days on public portal i.e. website of Ministry of Road Transport and Highways ([www.morth.nic.in](http://www.morth.nic.in)) in Form-A (copy enclosed) for "Accommodation of Public and Industrial Utility Services along and across National Highways".

**Comment Inviting Authority**

The Regional Officer,  
National Highways Authority of India,  
Regional Office: Hyderabad,  
First Floor, New Building,  
Administrative Staff College of India(ASCI),  
College Park Campus, Road No.3,  
Banjara Hills, Hyderabad - 500 034,  
Telangana State,  
Phone: 040-29562147, 040-29562148,  
Email: rohyderabad@nhai.org, nhairohyd@gmail.com

**Encls:** Above Proposal

Yours faithfully,

(V. Nagamani)

**Dy. General Manager Tech)**

**For Regional Officer-cum-**

**Highway Administrator, Hyderabad**

**To:**

1. Senior Technical Director, NIC, Transport Bhawan, New Delhi- 110001 for uploading on Ministry's website.
2. Shri S.Manivasagam, Dy. GM (IT), NHAI HQs, New Delhi for uploading on NHAI website.

**Copy to:-**The Project Director, NHAI, PIU Hyderabad: for information

**FORM-A**

Form for seeking claims and objections (on grounds of public inconvenience, safety and general public interest) on the application for Accommodation of Public and Industrial Utility Services along and across National Highways

**Sub:** NHAI - RO Hyderabad - PIU Hyderabad- Krishnapatnam-Hyderabad pipeline project of M/s BPCL- Proposal for Permission for laying of 16 inch dia underground multi-product petroleum pipeline encased in 22 inch dia steel casing pipe along with 40mm dia HDPE ducts for Optical Fiber Cable across National Highway at Km. 65+785 by HDD method on Hyderabad -Vijayawada section of NH-65 in the State of Telangana - **Reg.**

The claims and objections (on grounds of public inconvenience, safety and general public interest) by the general public needs to be given within 30 days of uploading the online application for comments

Sl. No	Item	Details
1	Name of the person who is desiring to give claims and objections (on grounds of public inconvenience, safety and general public interest)	
2	Address of the person	
3	Details of the application for Accommodation of Public and Industrial Utility Services along and across National Highways against which claims and objections are being given (name of applicant and other details like site address etc.)	
	a) Application No.	
	b) Name of applicant (who applied to Accommodation of Public and Industrial Utility Services along and across National Highways)	
	c) Details of Application	
4	The claims and objections (on grounds of public inconvenience, safety and general public interest)	



### CHECK LIST

Guidelines for Project Directors/ Divisional Engineer / Executive Engineer for processing the proposal for laying petroleum pipeline and OFC in the land National Highway

Relevant circulars :

1. Ministry circular No. NH-III/P/66/76 dated 18-11-1976
2. Ministry circular No. RW NJ III/P/66/76 dated 01-05-1982
3. Ministry circular No. RW/NH-11037/1/86-DOI(II) dated 28-07-1993
4. Ministry circular No. RW/NH-11037/1/86-DOI dated 19-01-1995
5. Ministry Circular No. RW/NH-34066/2/95/S&R dated 25-10-1999
6. Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17-09-2003
7. Ministry Circular No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016

### Check list for getting approval for laying of Petroleum pipeline With OFC on NH land

S.No.	Item	Information/Status	Remarks
1	General Information	Bharat Petroleum Corporation Limited Intends to lay Multi-product petroleum Pipeline with OFC From Krishnapatnam – Hyderabad. This Proposal is for Permission for laying the pipeline across NH-65 at Ch. 65.785 Km in the State of Telangana. The pipeline at this crossing will be laid at a minimum depth of 1.5 Mtr. Below the nature ground level, by Horizontal Boring Method, along with 40 mm dia HDPE duct for OFC.	
1.1	Name and address of the Applicant/Agency	Bharat Petroleum Corporation Limited Krishnapatnam – Hyderabad Pipeline Project, 8-2-618/2, 2nd Floor, Reliance Humsafar Building Road No. 11, Banjara Hills, Hyderabad – 500 034	
1.2	National Highway Number	NH-65	
1.3	State	Telangana	
1.4	Location	Chainage Between KM 65 and 66 KM at Village- Velminedu Mandal Chityala, District- Nalgonda	
1.5	(Chainage in km)	65.785 Km	
1.6	Length in Meters	60	
1.7	Width of available ROW	60	
	(a) Left side from center line towards increasing chainage/km direction	NH Crossing	


**PROJECT LEADER**

Krishnapatnam Hyderabad Pipeline Project  
Bharat Petroleum Corporation Limited  
Page 1 of 12 Hyderabad

**PROJECT DIRECTOR**

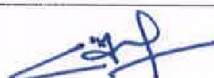
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PROJECT IMPLEMENTATION UNIT  
HYDERABAD - 500 034.

	(b) Right side from centre line towards increasing chainage/km direction	NH Crossing	
1.8	Proposal to lay underground petroleum pipeline along with OFC for supply of petroleum products	Pipeline will be laid across NH I at this location.	
	(a) Left side from center line towards increasing chainage/km direction	NA	
	(i) Right side from centre line towards increasing chainage/km direction	NA	
1.9	Proposal to acquire land	No NH land acquired for pipeline laying	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	NA	
	If not then where to lay the cable.	NA	
1.11	Details of already laid services, if any along the proposed route		
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).	-	
1.14	Service road existing or not	NO	
	If yes then which side		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.15	Proposed service road		
	(a) Left side from center line		
	(c) Right side from center line		
1.16	Whether proposal to lay the petroleum pipeline is after	NA	




	the service road or between the service road and main carriage way		
1.17	Whether carrying of sewage/gas pipeline has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same.	NA	
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.	NA	
1.19	If crossings of the road involved If yes, it shall be either encased in pipes or through structure or conduits specially built for the purpose at the expenses of the agency owing the line	Yes Crossing will be done Horizontal Boring Method	
	(a) Whether existing drainage structures are allowed to carry petroleum pipeline	No	
	(b) It is on a line normal to NH	Yes	
	(c) What is the distance of crossing the petroleum pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, minimum distance being 15 meter.	Greater than 15 M	
	(d) The casing pipe(or conduit pipe in the case of electric cable) carrying the petroleum line shall be of steel, cast iron,	Carrier pipeline will be laid in a steel casing pipe of 22" dia.	



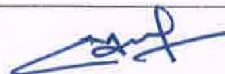
**PROJECT LEADER**

Page 3 of 12  
Krishnapatnam Hyderabad Pipeline Project  
Bharat Petroleum Corporation Limited  
Hyderabad

Kishore

J

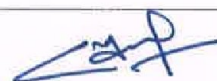
	or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable. Mention type of casing.		
	(e) Ends of casing /conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes	
	(g) The top of the casing/conduit pipe should be at least 1.2 meters below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details.	Yes	
	(h) Mention the methodology proposed for crossings of road for the proposed Sewage/gas pipe line. Crossings shall be by boring method (Trenchless Technology), specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.	Crossing shall be done Horizontal boring Method	
	(i) The casing/conduit pipe shall be	Yes	







	installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.		
2	Document/Drawings to be enclosed with the proposal	Yes	
2.1	<p>Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep *0.3m wide)</p> <ul style="list-style-type: none"> <li>i. Should not be greater than 60cm wider than the outer diameter of the pipe</li> <li>ii. Located as close to the extreme edge of the right of way as possible but not less than 15m from the center lines of the nearest carriageway</li> <li>iii. Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall be laid over the existing culverts and bridges.</li> <li>iv. These should be so laid that their top is least 0.6m below the ground level so as not to obstruct drainage of the road land.</li> </ul>	Not applicable	
2.2	Cross section showing the size of pit and location of cable for Cased Crossing method	Attached	
2.3	Strip plan/Route plan showing the petroleum/Gas pipe line, chainage, width of ROW, distance of proposed pipe line from the edge of	Incorporated in the Drawing	



**PROJECT LEADER**

Krishnapatnam Hyderabad Pipeline Project

Page 5 of 18 Bharat Petroleum Corporation Limited

Hyderabad

K. Ramu.



	ROW, important mile stone, intersections, cross drainage works etc.		
2.4	Methodology for laying of the petroleum pipe line.	Crossing will be done Horizontal boring Method -detailed procedure attached	
2.4.1	Open trenching method. (may be allowed in the petroleum corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, what is the methodology of refilling of trench.	Horizontal boring Method	
	(a) The trench width should be at least 30cm, but not more than 60 cm wider than the outer diameter of the pipe.	YES Agreed	
	(b) For filling of the trench, bedding shall be at a depth of not less than 30cm. it shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without a sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	NA	
	(c) The backfill shall be completed in two stages (i) side fill to level of the top of the pipe and (ii) overfill to the bottom of the road crust.	NA	
	(d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical	NA	

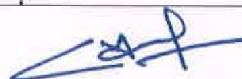


Kishan.





	tempering and controlled addition of moisture to 95% of the proctor's 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		
	(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.	NA	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	NA	
	(g) If required, a diversion shall be constructed at the expense of agency owing the petroleum line.	NA	
2.4.2	Horizontal directional drilling (HDD) method.	Horizontal boring Method	
2.4.3	Methodology for laying of pipe line through CD works and method of laying. In cases where the carrying of gas pipe line on the bridge becomes inescapable.	NA	
3	Draft license Agreement is signed by two witnesses	Yes, Enclosed	
3.1	The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016	Enclosed	
4	Whether performance Bank	Bharat Petroleum Corporation Limited Will	An





	guarantee as per Ministry's circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 is obtained	be pay Bank guarantee as intimated by NHAI / Authorized Agency	undertaking for agreement is attached here with
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines	Yes	An undertaking for agreement is attached here with
5	Affidavit/ Undertaking from the Applicant for the 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.	Yes, Enclosed	
5.2	Undertaking for Renewal of bank guarantee as and when asked by MoRTH/NHAI.	Yes, Enclosed	
5.3	Undertaking for confirming all standard condition of Ministry circulars and NHAI's guidelines.	Yes, Enclosed	
5.4	Undertaking for Indemnity against all damages and claims.	Yes, Enclosed	
5.5	Undertaking for management of traffic movement during laying of petroleum line without hampering the traffic	Yes, Enclosed	
5.6	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be paid by the applicant.	Yes, Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work for installation, shifting or repairs, or alterations to the petroleum located in the National Highway right-of-ways.	Yes, Enclosed	

**PROJECT LEADER**

Page 8 of 12  
 Krishnapatnam Hyderabad Pipeline Project  
 Bharat Petroleum Corporation Limited  
 Hyderabad

K. Bhamee

8



5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the petroleum line will be borne by the applicant agency owing the line.	Yes, Enclosed ✓	
5.9	Undertaking that text of the license deed is as per verbatim of MoRTH format (issued vide Ministry's circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016	Yes, Enclosed	
5.10	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 as applicable, before applying to Highway Administration	Yes, Enclosed ✓	
5.11	If the MoRTH/NHAI consider it necessary in future to move the petroleum 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 owing the petroleum line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes, Enclosed ✓	
5.12	Certificate from the applicant in the following format (i) laying of Gas pipe line will not have any deleterious effects on any of the bridge	Enclosed	



**PROJECT LEADER**

Page 9 of 12  
Krishnapatnam Hyderabad Pipeline Project

**Bharat Petroleum Corporation Limited**  
Hyderabad




	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-lanning or any other development."		
6	Who will sign the agreement on behalf of petroleum product pipe line agency.	B. MANOHAR PROJECT LEADER, Bharat Petroleum Corporation Limited Krishnapatnam – Hyderabad Pipeline Project, 8-2-618/2, 2nd Floor, Reliance Humsafar Building Road No. 11, Banjara Hills, Hyderabad – 500 034	
	Power of Attorney to sign the agreement is available or not	Available	
7	The project Director will submit the following Certificates		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide Ministry's circular No: RW/NH-33044/29/2015/S&(R) dated 22.11.2016	Yes/No	
7.2	Certificate from PD in the following format (i) " It is certified that any other location of the Gas pipe line would be extremely difficult and unreasonable costly and the installation of Gas 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."	Yes/No	



**PROJECT LEADER**

Page 10 of 12 Krishnapatnam Hyderabad Pipeline Project

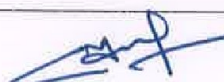
**Bharat Petroleum Corporation Limited  
Hyderabad**

*Handwritten signature*

*Handwritten signature*



	<p>(ii)for 6-lanning</p> <p>(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".</p> <p>(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-lining".</p>		
8	<p>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 License has been granted the right to lay Gas Pipeline/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 license shall honour the same."</p>	Yes	
9	Who will supervise the work of laying of Gas pipe line		
	(a) On behalf of the Applicant	Bharat Petroleum Corporation Limited Krishnapatnam – Hyderabad Pipeline Project.	
	(b) On behalf of the MoRTH/NHA/	Project Director- NHA/Consultant	
10	Who will ensure that the defects in road portion after laying of Gas pipe line are corrected and if not corrected then what action will be taken.		



**PROJECT LEADER**



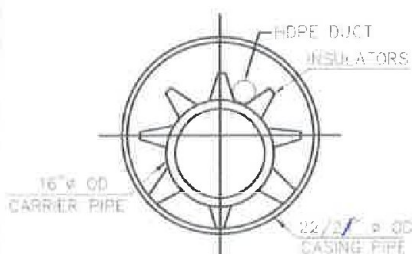
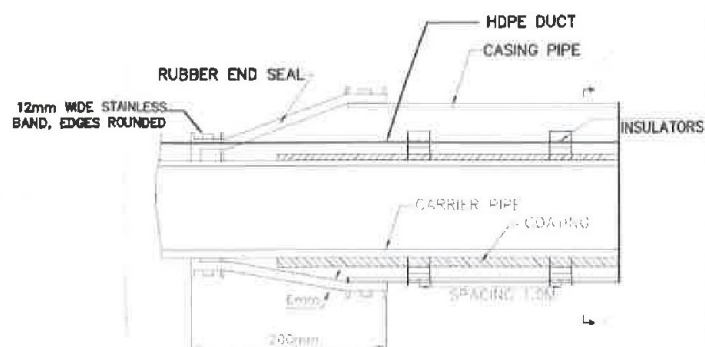
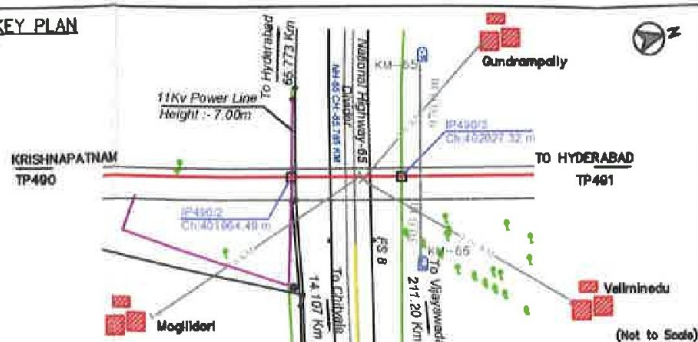
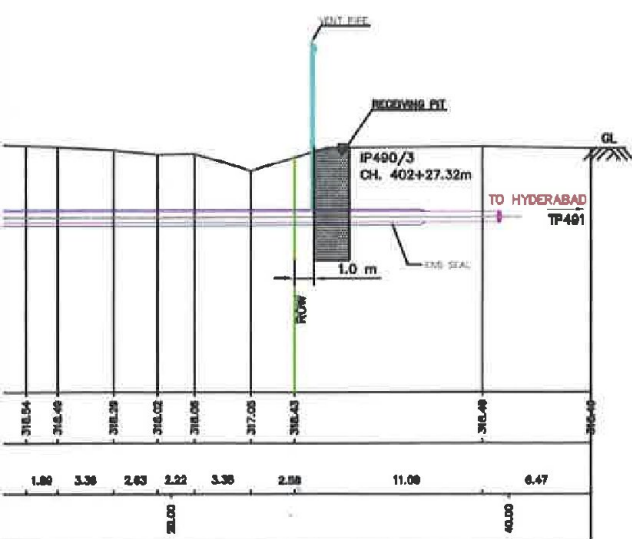

	(a) On behalf of the applicant	PROJECT LEADER, Bharat Petroleum Corporation Limited Krishnapatnam – Hyderabad Pipeline Project.	
	(b) On behalf of NHAI		
11	Who will pay the claims for damage done/disruption in working of concessionaire if asked by the concessionaire		
	On behalf of the applicant	PROJECT LEADER, Bharat Petroleum Corporation Limited Krishnapatnam – Hyderabad Pipeline Project.	
12	A certificate from PD that he will enter the proposed permission in the register of record of the permission in the prescribed proforma (copy enclosed)	Yes	
13	If any various approval is accorded for laying of underground Gas pipe line then Photocopy of register of records of permission accorded ( as maintained by PD) be enclosed.		



**PROJECT LEADER**  
Krishnapatnam Hyderabad Pipeline Project  
Bharat Petroleum Corporation Limited  
Hyderabad

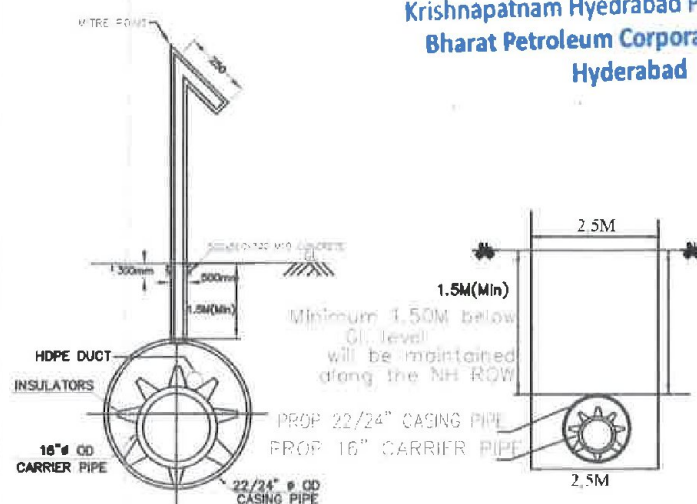
  
**PROJECT DIRECTOR**  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PROJECT IMPLEMENTATION UNIT  
HYDERABAD - 500 034.



SECTION A1 X-X

**PROJECT LEADER**  
Krishnapatnam Hyderabad Pipeline Project  
Bharat Petroleum Corporation Limited  
Hyderabad



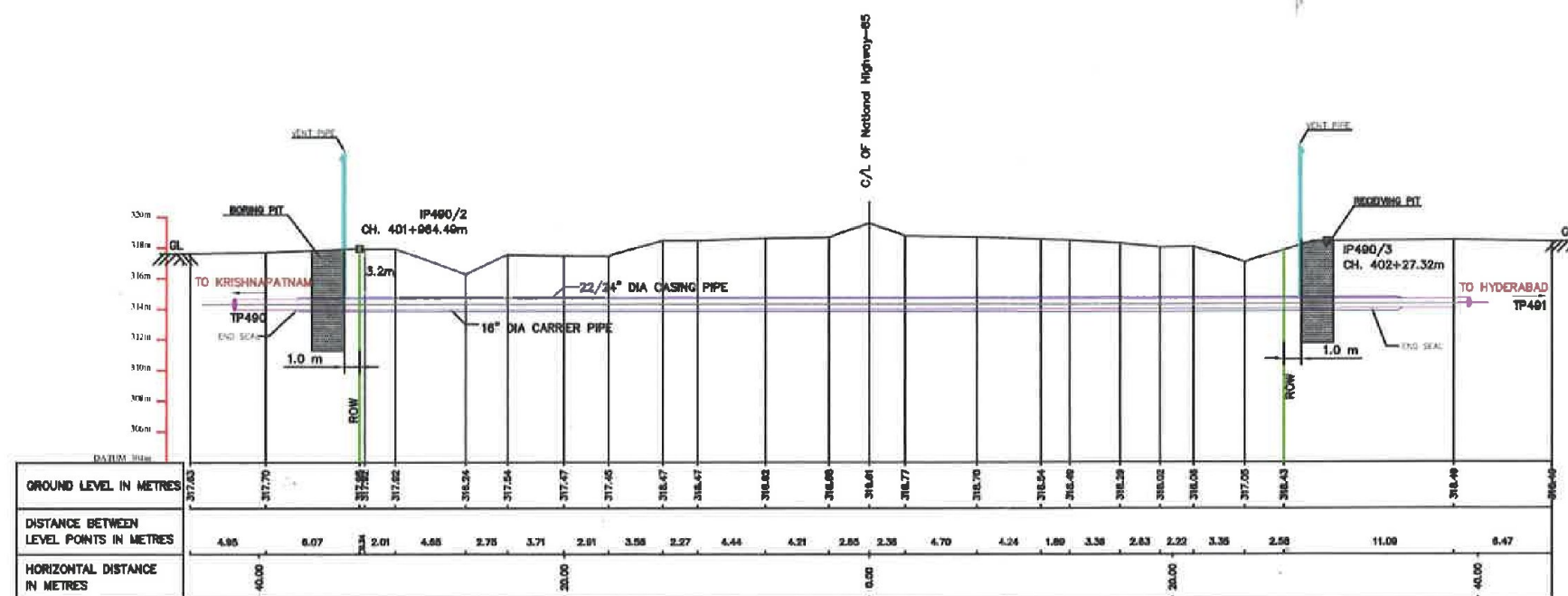
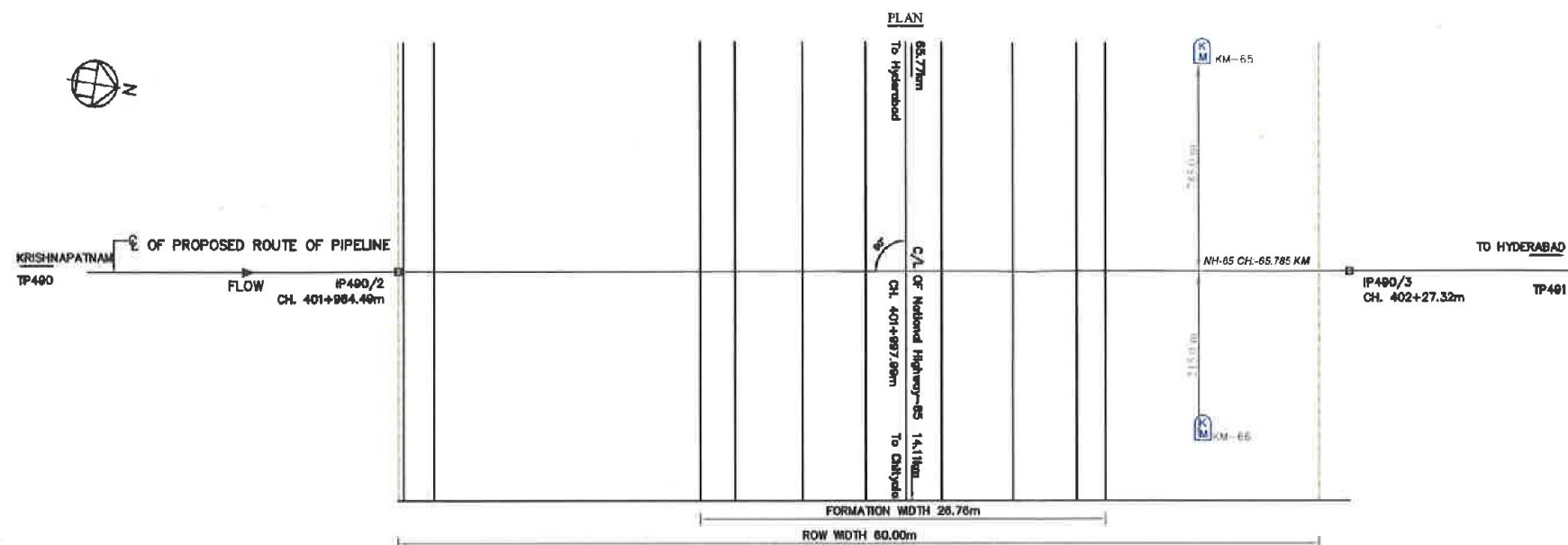
### TYPICAL X-SECTION

NOT TO SCALE

Note: 1) Bharat Petroleum Corporation Limited shall ensure to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance.

SURVEY DETAILS NATIONAL HIGHWAY-69 CROSSING @ CH-401+997.90m		SHEET No. BPCL-KHPL-CS-813	REV. 08	SCALE: 1:200
--	--	-------------------------------	------------	--------------





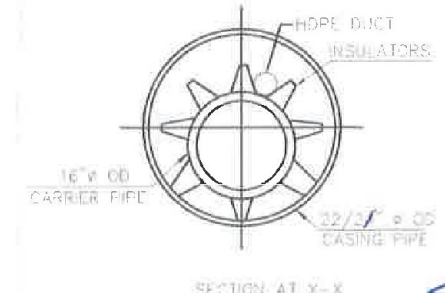
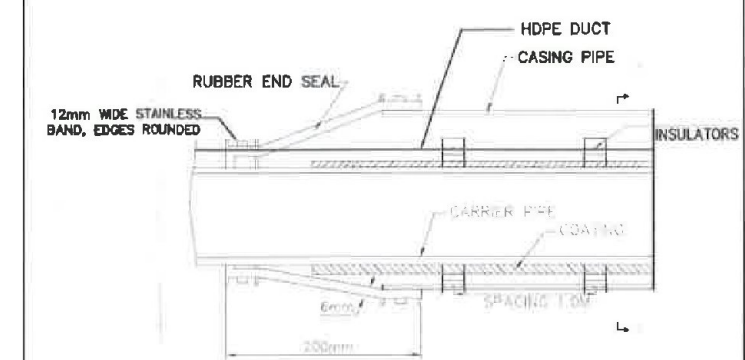
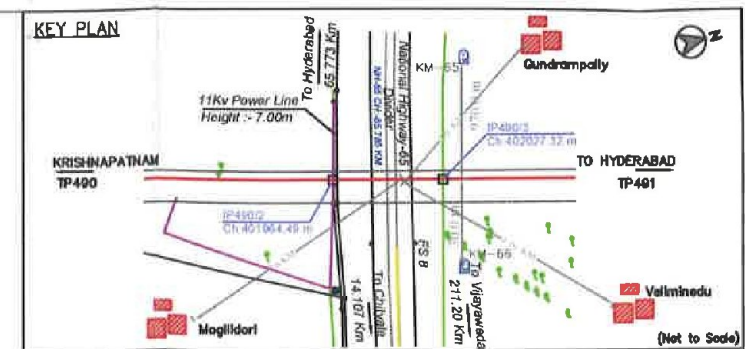
JURISDICTION : Project Director,  
National Highway Authority of India,  
Project Implementation Unit,  
Hyderabad

*K. K. Karmali*  
(SE)

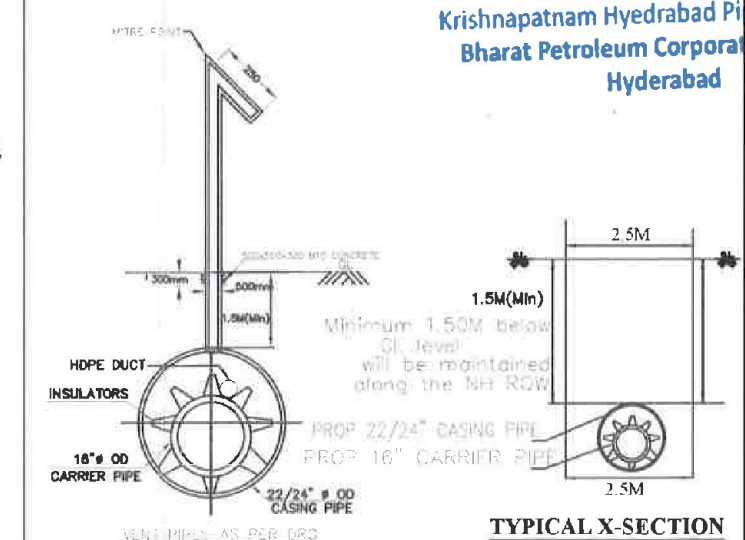
*[Signature]*

PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PROJECT IMPLEMENTATION

Bharat Petroleum Corporation Limited	TDC-IPCL-15PL-18-P13-RM-012	ROUTE MAP	KRISHNAPATNAM-HYDERABAD POL PIPELINE	THEODOSH CONSULTANTS VADODARA-390005	01	15.05.2018	01	NATIONAL HIGHWAY-65 CROSSING @ CH 401+987.50m	SHEET No. BPCL-KHPL-CS-513	REV. OB	SCALE: 1:200
	IPCL-KHPL-AH-230	ALIGNMENT SHEET			02	15.05.2018	02				
	DWG. No.	REF. DRAWING			NO.	DATE	REVISION				



PROJECT LEADER  
Krishnapatnam Hyderabad Pipeline Project  
Bharat Petroleum Corporation Limited  
Hyderabad



Note: 1) Bharat Petroleum Corporation Limited shall ensure to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance