



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय - हैदराबाद

प्रथम तल, नया भवन, भारतीय प्रशासनिक स्टाफ कॉलेज, कॉलेज पार्क काँपस, 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.

टेली / Tele : 040 - 29562147 / 48

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



भारतमाला
जहाँ के पद पद अलग
BHARATMALA
ROAD TO PROGRESS

NHAI/RO-HYD/25011/5/3/2021/Utility/ 2433

Dt.12.02.2021

Notice Inviting Public Comments on laying of Telecom ducts/OFC cables using HDD method along and across National Highway for a length of 14,560 m on Hyderabad to Bhoopalapatnam Section of NH-163 in the State of Telangana

Sub: NHAI - RO Hyderabad - PIU Warangal-Proposal for Permission for laying of Telecom ducts/OFC cables using HDD method from Km.132/500 to Km.137/750 (RHS), Km.132/250 to Km. 139/750 (LHS), Km.141/150 to Km.142/650 (LHS) along the road for a total length of 14,500 m and road crossings at Km.132/250 and Km.139/750 on Hyderabad to Bhoopalapatnam Section of NH-163 in the State of Telangana -Reg.,

Ref: 1. PIU Warangal letter no. NHAI/PIU-WGL/Permission/2021/142, dated 08.02.2021

The Project Director, PIU, NHAI, Warangal vide letter cited above has submitted a Proposal for laying of Telecom ducts/OFC cables using HDD method along and across National Highway for a length of 14,560 m on Hyderabad to Bhoopalapatnam Section of NH-163 in the State of Telangana

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) 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,

(P. Nageswara Rao)

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 Warangal: for information.

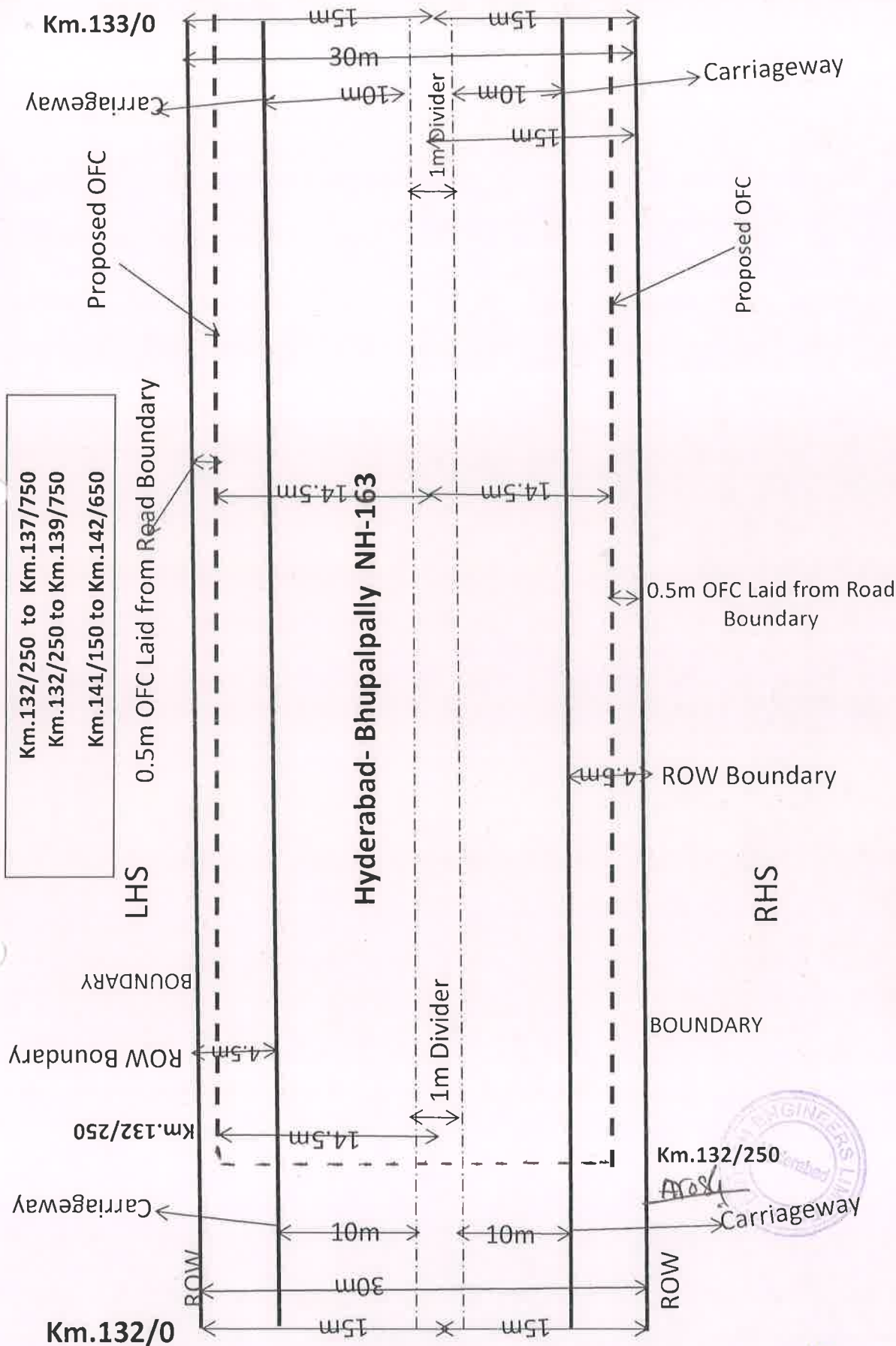
FORM-A

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 Warangal-Proposal for Permission for laying of Telecom ducts/OFC cables using HDD method from Km.55/800 to Km.57/000 (LHS), Km.55/800 to Km.57/000 (RHS), and Km.123/665 along the road for a total length of 4000 m and road crossings at Km.55/800 on Jagityal - Karimnagar- Warangal Section of NH-563 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)	

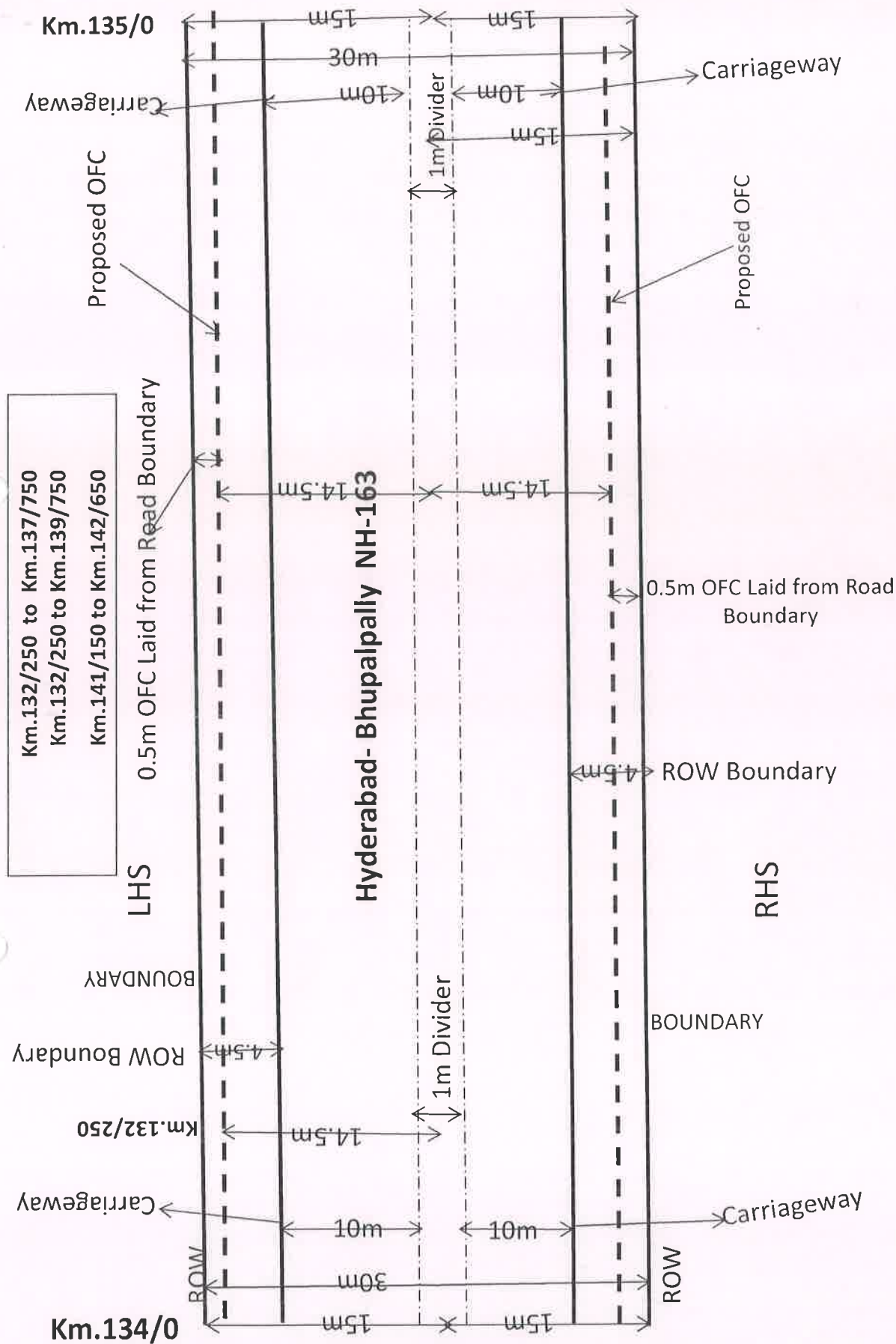


NOTE: OFC will be inserted through 40mm Dia HDPE Pipe Carry out HDD Method Only.



Site Engineer
Mr. N. V. N. N.

Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal.

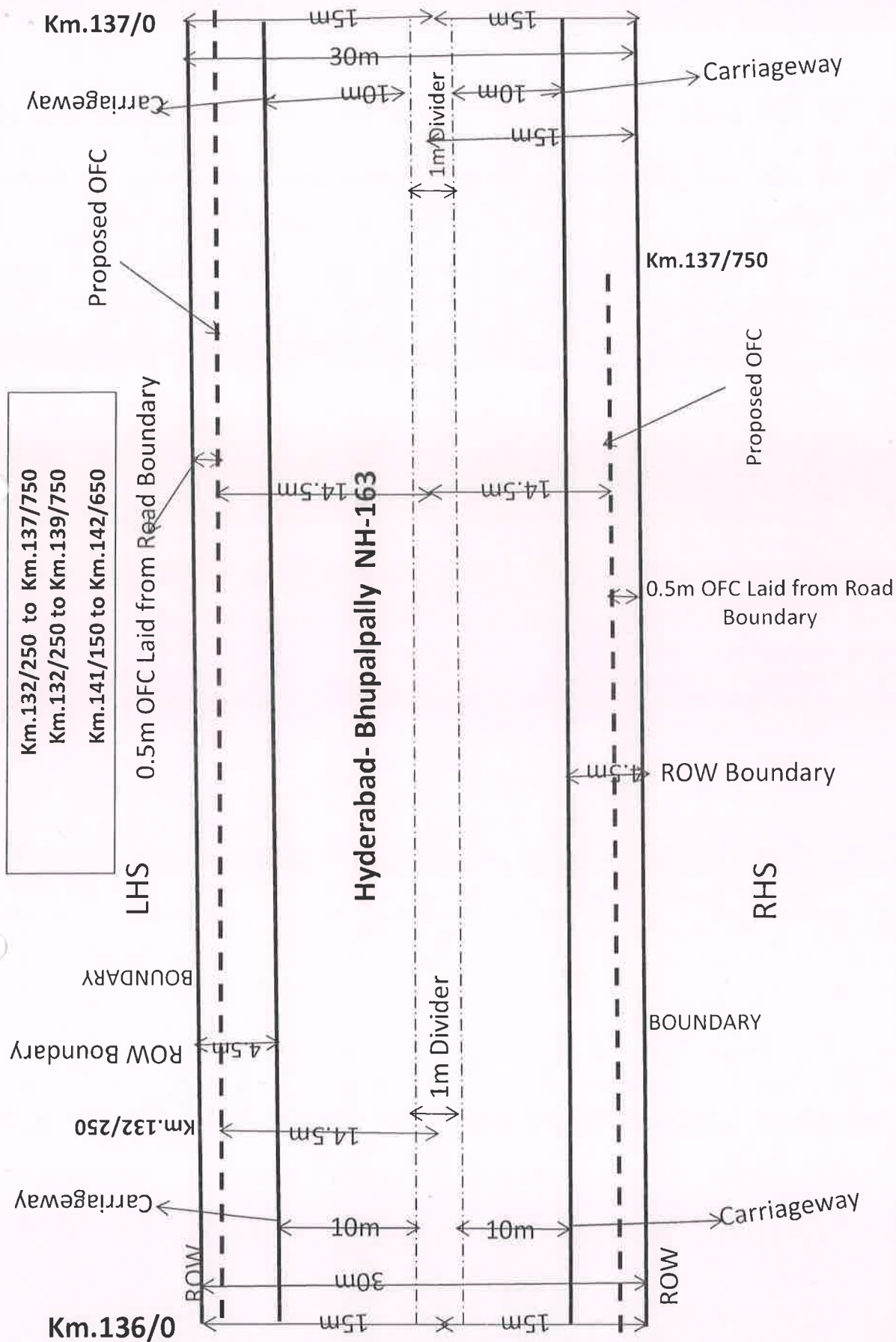


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Kishor
Site Engineer
PIU - Warangal

[Signature]
Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal.

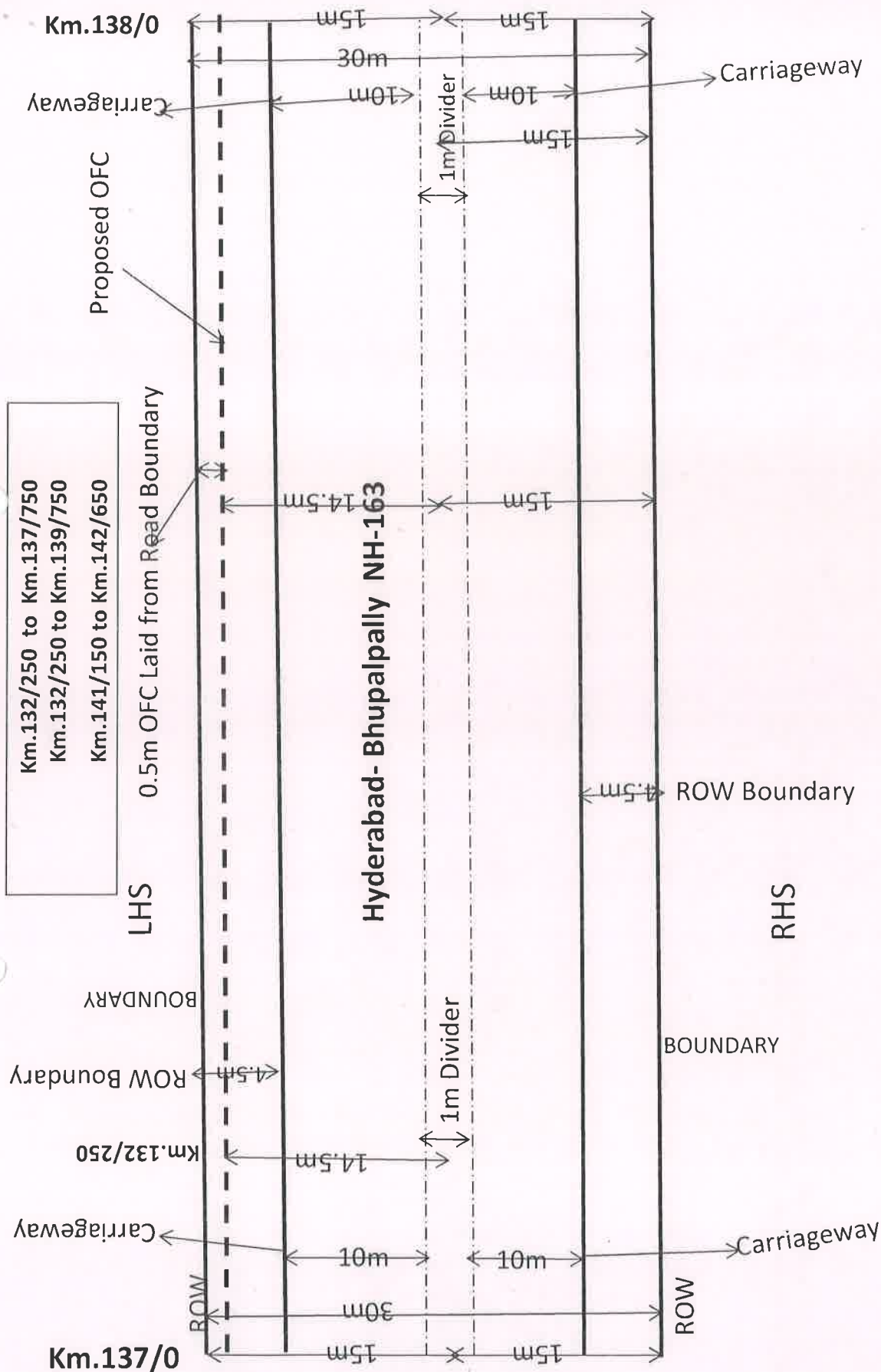


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Site Engineer
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Project Director
 National Highways Authority of India,
 Project Implementation Unit, Warangal

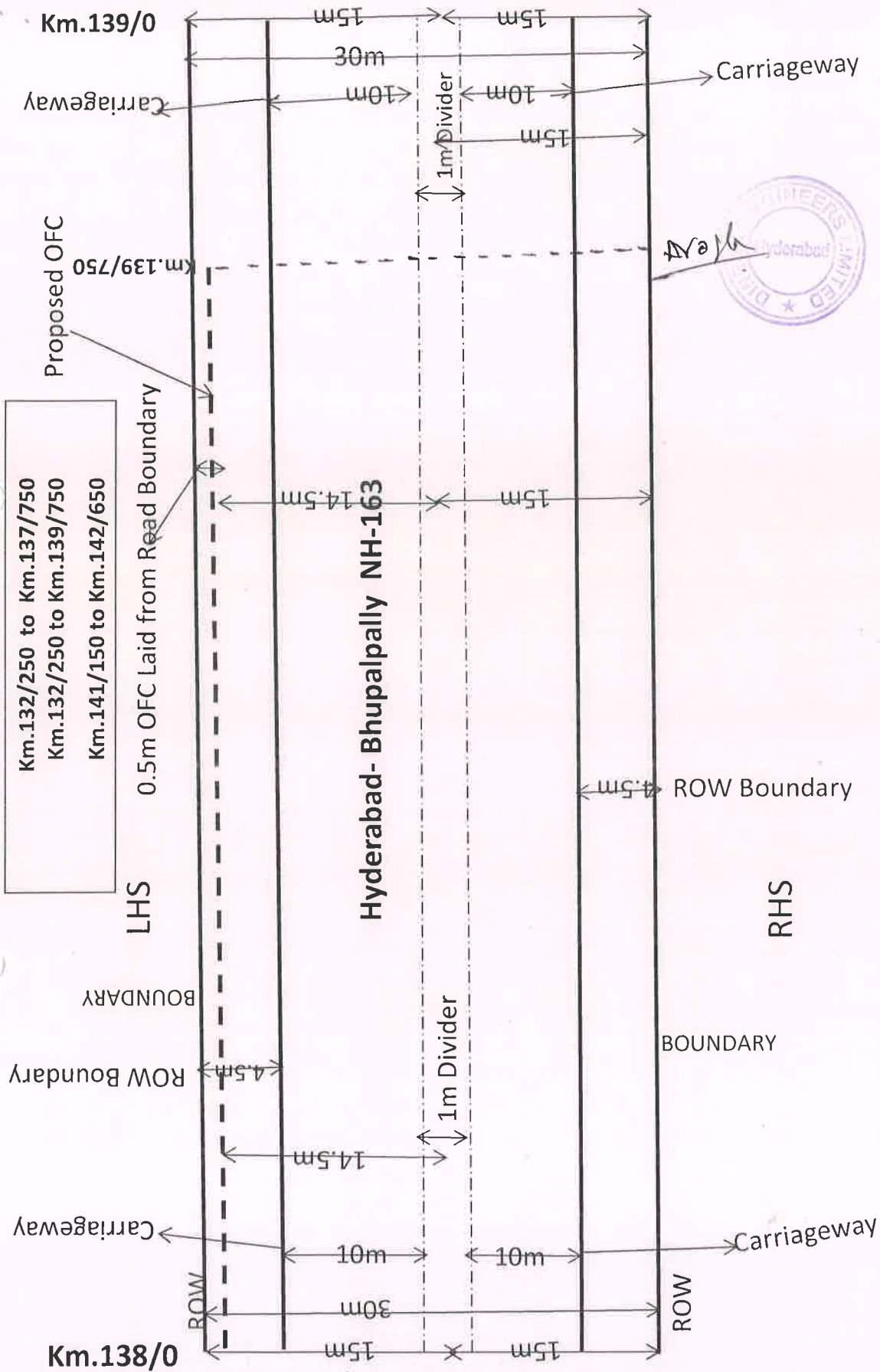


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Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal.

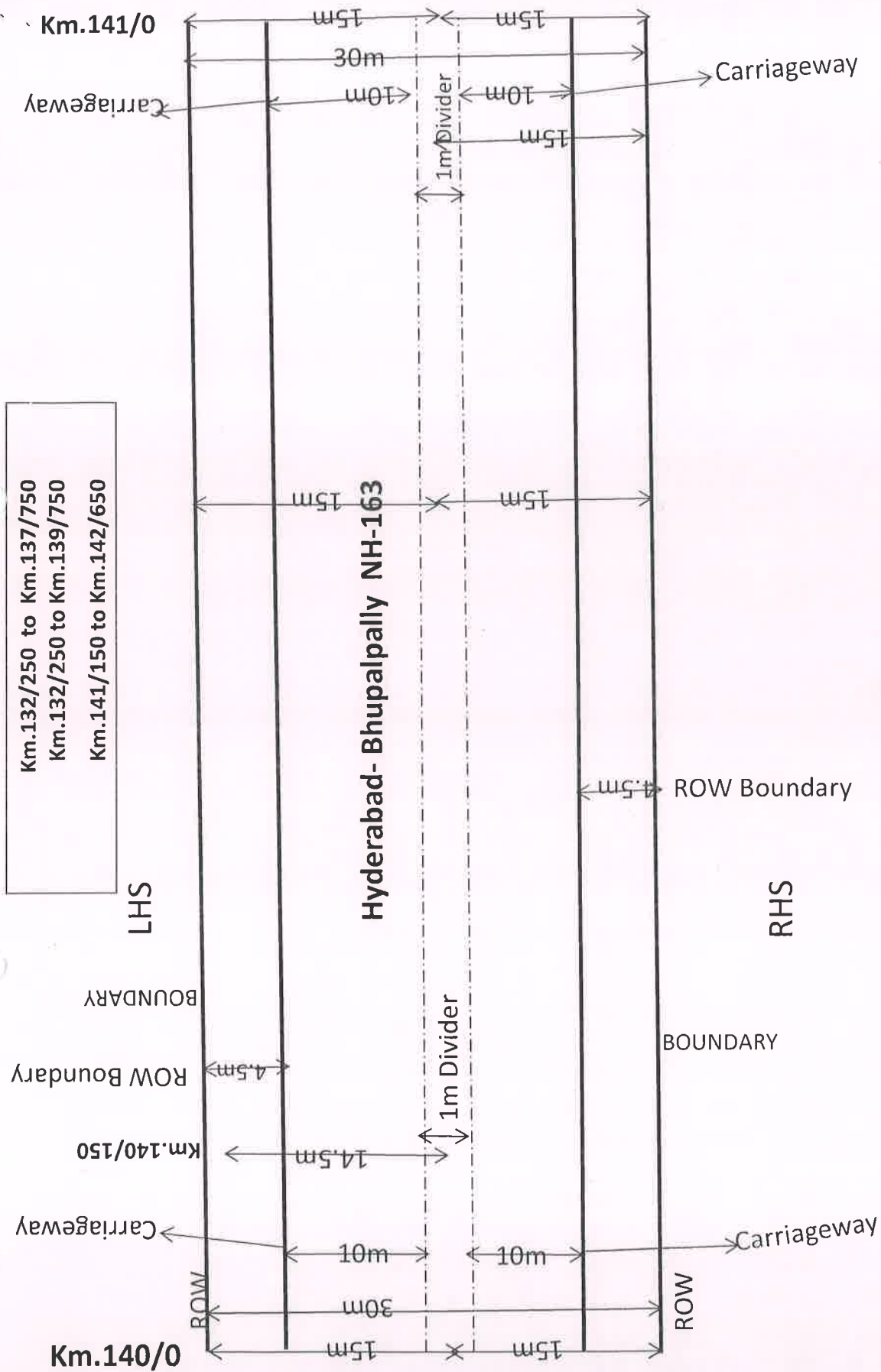


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(Signature)
 S. K. Srinivas
 P. U. - Warangal

(Signature)
 Project Director
 National Highways Authority of India,
 Project Implementation Unit, Warangal.



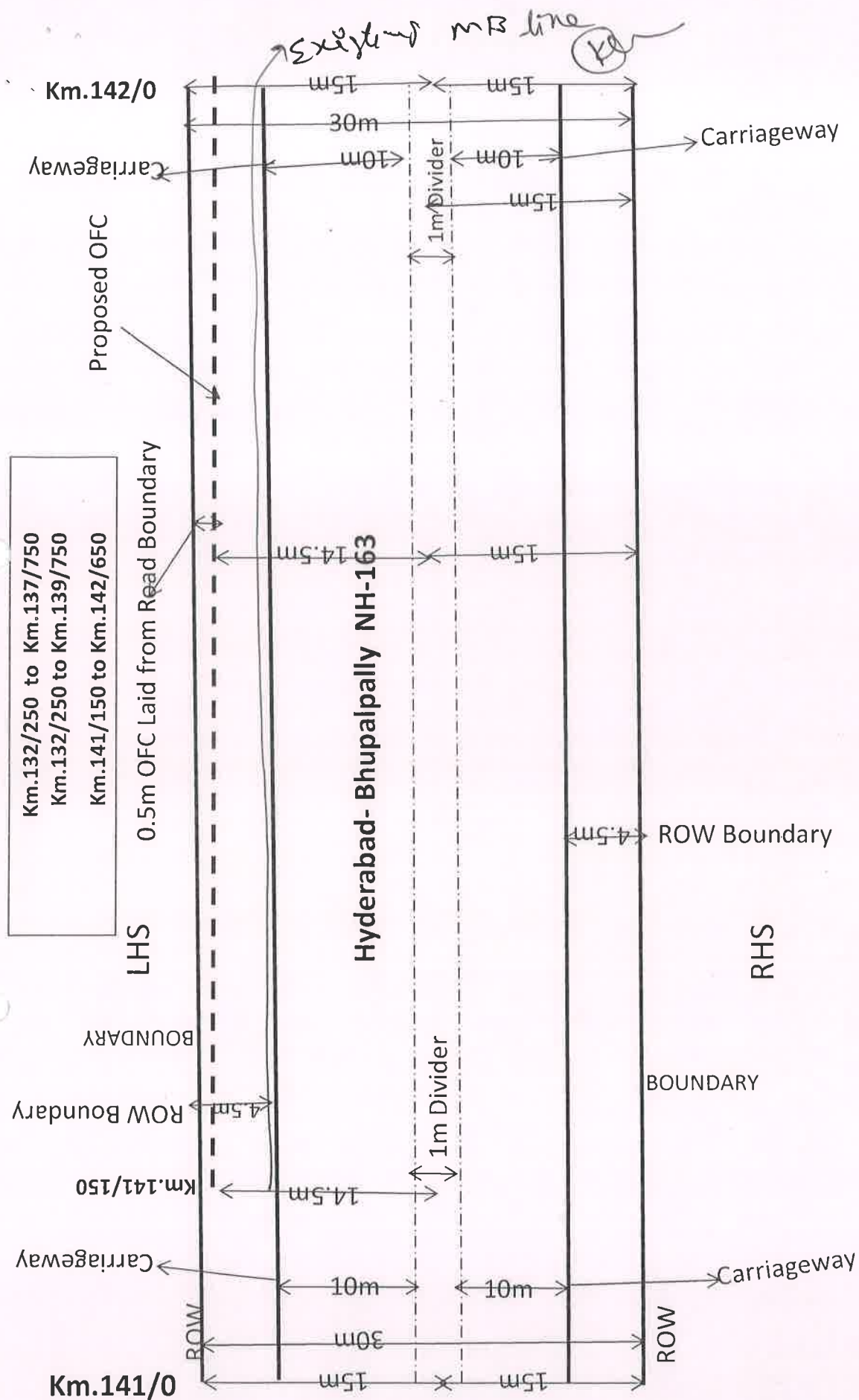
Km.132/250 to Km.137/750
Km.132/250 to Km.139/750
Km.141/150 to Km.142/650

NOTE: OFC will be inserted through 40mm Dia HDPE Pipe Carry out HDD Method Only.



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Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal.

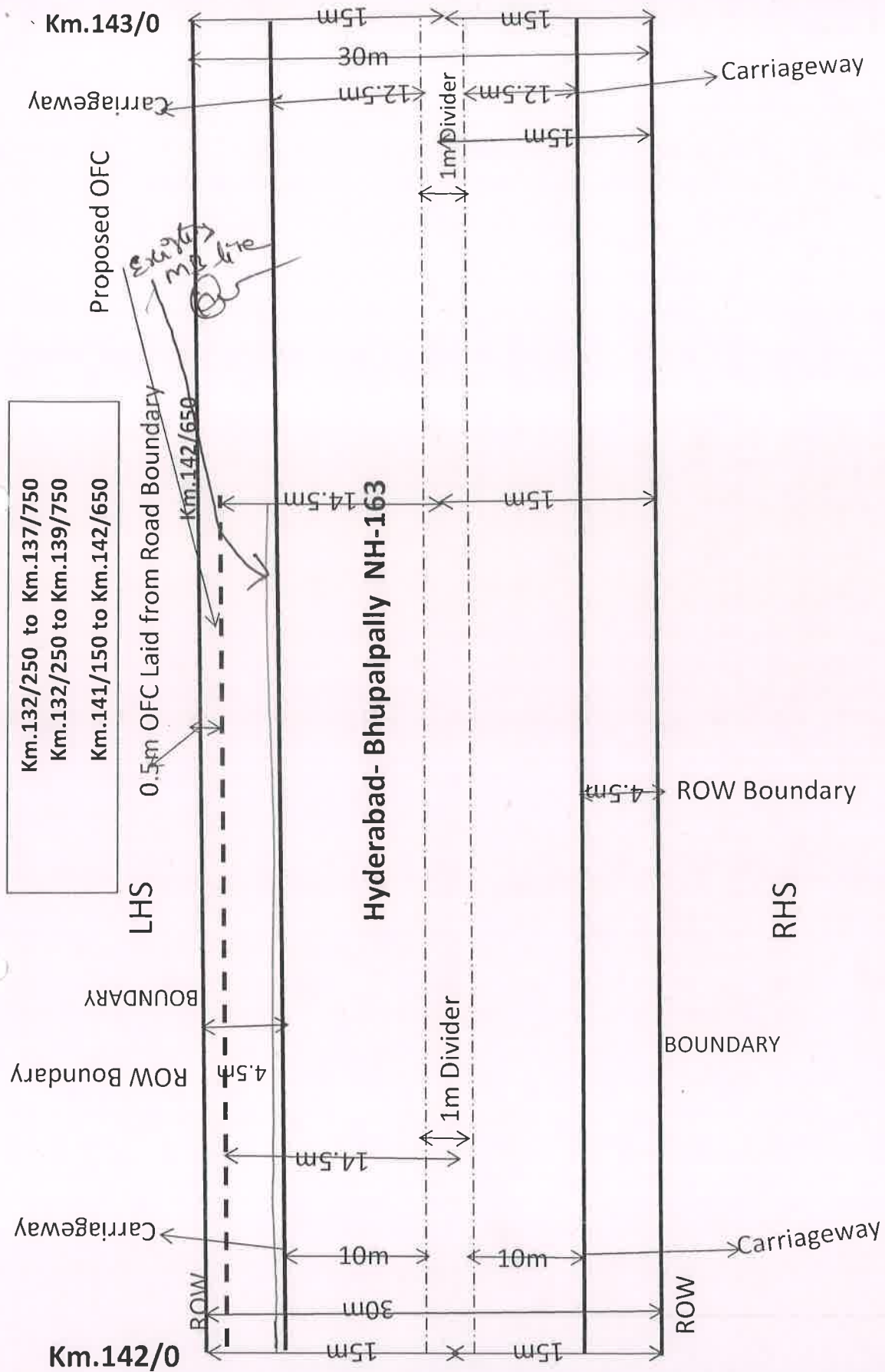


NOTE: OFC will be inserted through 40mm Dia HDPE Pipe Carry out HDD Method Only.



Krish
Site Engineer
PIU - Warangal

[Signature]
Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal.

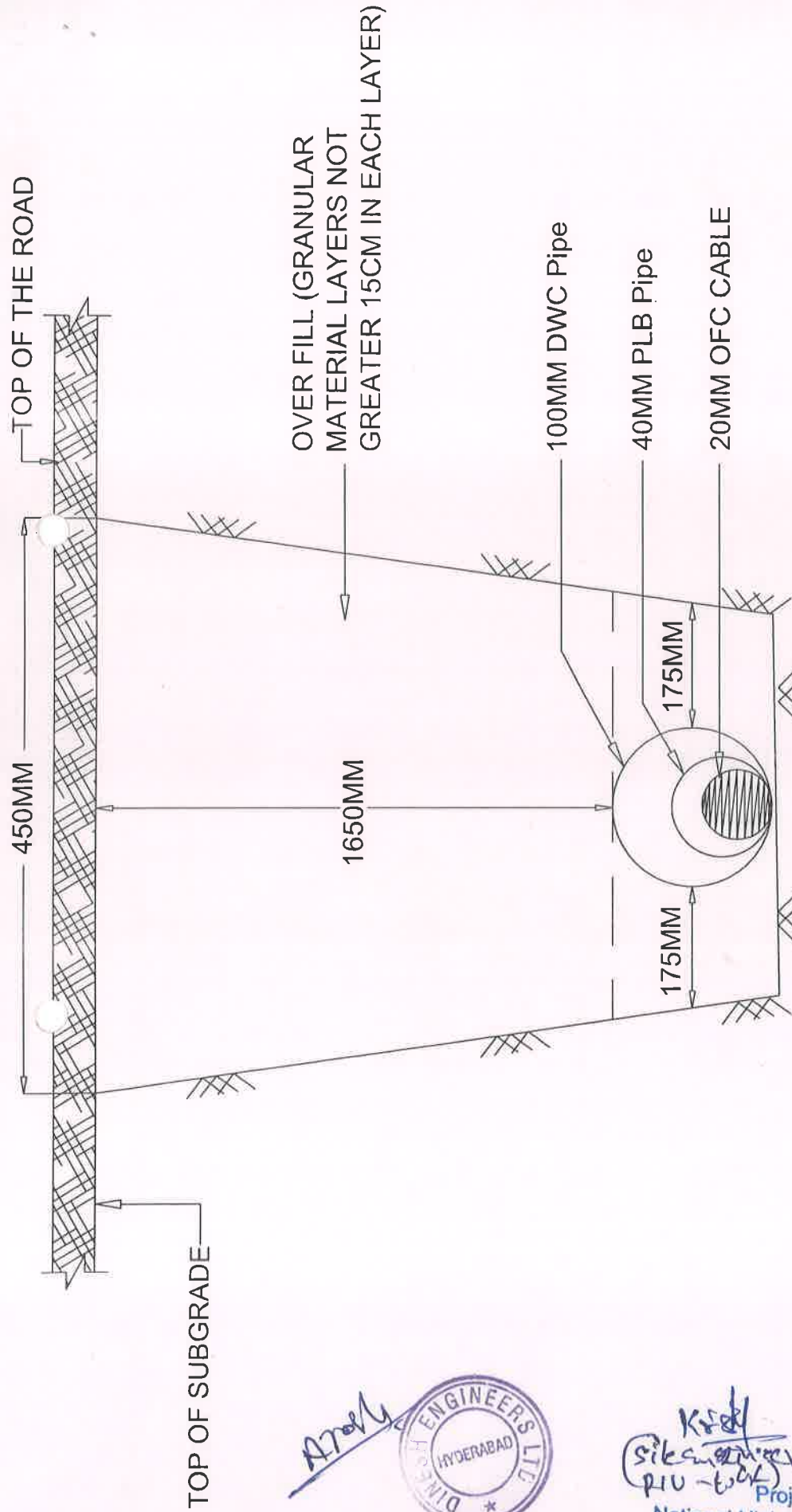


NOTE: OFC will be inserted through 40mm Dia HDPE Pipe Carry out HDD Method Only.



Krishna
Site Engineer
PIO - Warangal

[Signature]
Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal.



Aradhya

 DINESH ENGINEERS LLC
 HYDERABAD

Kishor
(Sikandar)
PIU - E&C
 Project Director
 National Highways Authority of India,
 Project Implementation Unit, Warangal.

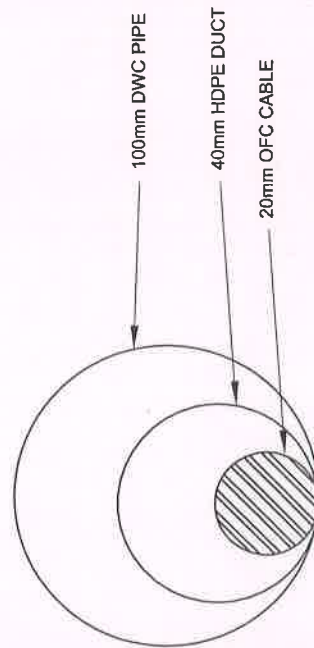
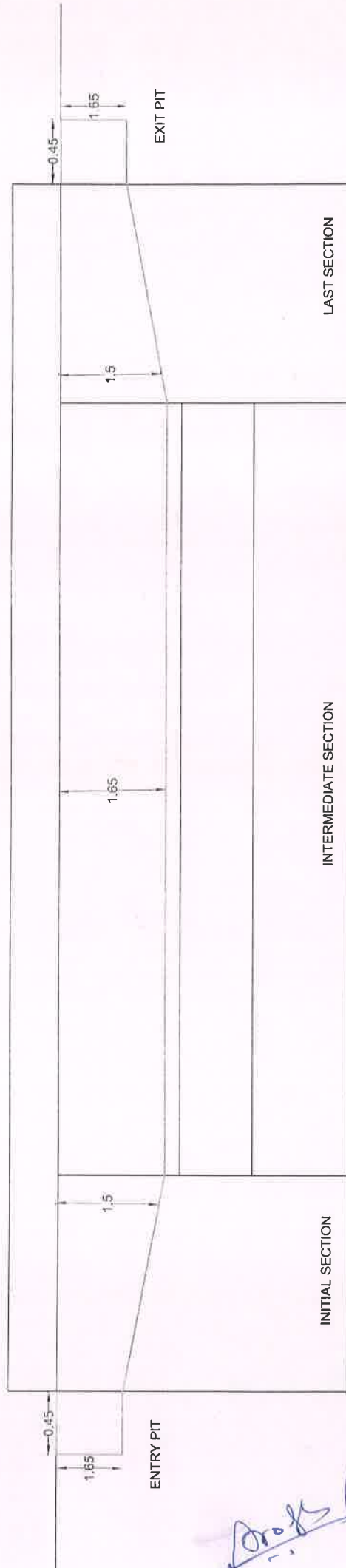
ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS LETTER NO.RW/NH-33044/29/2015/S&R(R) DATED 22.11.2016

TITLE: APPLICANT:

FIGURE-1 INSTALLATION OF DWC PIPE FOR CROSSING THE ROAD (HDD METHOD)

13

CROSS SECTION



Draft



(Sikandar) *Kishor*

Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal.

Annexure-III

(Enclosure to Ministry Circular No-RW/NH-33044/29/2015/S&R (R) dated.22.11.2016)
Format for Maintaining Records of Right of way permission granted for laying OFC

(To be maintained separately for ever NHAI and Sate)

Name of State: Telangana

Name of Agency: NHAI

NH-Number: from Km.132/250 to Km.137/750 (RHS) at Km.132/250 Road Crossing, from Km.132/250 to Km.139/750(LHS) at Km.139/750 Road Crossing and from Km.141/150 to Km.142/650 (LHS) along the Road on Hyderabad-Bhupalpally Section of NH-163

S.No	Location (Change in KM)	Left or Right side of NH (Towards increasing chainage / km direction)	Section and Reach	Kind of Service	Name of License and Contact address	Date of validity of agreement	date of last inspection of site	any deviation from MOST standard Norms	Remarks
1	1. from Km.132/250 to Km.137/750 (RHS) At Km.132/250 Road Crossing 2. Km.132/250 to Km.139/750(LHS) At Km.132/250 Road Crossing 3. Km.141/150 to Km.142/650 (LHS)	RHS LHS LHS	Hyderabad-Bhupalpally Section of NH-163	Tele com	M/s.Dinesh Engineers Limited,401,Sri Towers,Plot No-36,Road No-1,Near Prime Hospital, KPHB Colony, Kukatapally, Hyderabad-500 072			No	


 Signature of applicant


CHECK -LIST

Guidelines for processing the proposal for laying of utility line in the land along national Highways vested with NHAI

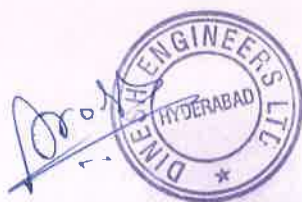
S.No	Item	Information/Status	Remarks
1.	General Information		
1.1	Name and Address of the Applicant /Agency	M/s.Dinesh Engineers Limited, (IP-1Service Provider), 401,4 th Floor,Sri Towers, Plot No:36,Road No-1,KPHB Colony,Kukatpalli,Hyderabad-500 072 Telangana	
1.2	National Highway Number	NH-163	
1.3	State	Telangana	
1.4	Location	Kazipet-Warangal	
1.5	(Chainage in Km)	from Km.132/250 to Km.137/750 (RHS) at Km.132/250 Road Crossing, from Km.132/250 to Km.139/750(LHS) at Km.139/750 Road Crossing and from Km.141/150 to Km.142/650 (LHS) along the Road on Hyderabad- Bhupalpalliy Section of NH-163	
1.6	Length in Meters	14560	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	15Mtrs	
	(b) Right side from center line towards increasing chainage/km direction	15Mtrs	
1.8	Proposal to lay the utility	OFC pipeline	
	(a)Left side from center line towards increasing chainage/km direction	Proposed from Km.132/250 to Km.139/750(LHS) at Km.139/750 Road Crossing and from Km.141/150 to Km.142/650 (LHS)	
	(b)Right side from center line towards increasing chainage/km direction	Proposed from Km.132/250 to Km.137/750 (RHS) at Km.132/250 Road Crossing.	
1.9	Proposal to acquire land	NA	
	(a) Left side from center line	-	
	(b) Right side from center line	-	
1.10	Whether proposal is in the same side where land is not to be acquired	YES	
	If not then where to lay the cable	NA	
1.11	Details of already laid services, if any, along the proposed route	No Utility/Services along the Proposed route	
1.12	Number of existing lanes (2/4 6/8 lanes).	4Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes).	-	
1.14	Service road existing or not	NA	
	If yes then which side		
	(a) Left side from center line	-	
	(b) Right side from center line	-	
1.15	Proposed Service 'road		



Krishna
Site Engineer
PTU - Warangal

[Signature]
Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal.

	(a) Left side from center line	NH	
	(b) Right side from center line	NA	
1.16	Whether proposal to lay the utility is after the service road or between the service road and main carriageway	After Service Road, at the end of ROW	
1.17	Whether carrying of sewage/OFC pipeline has been proposed on highway Bridges. If Yes, then mention the methodology proposed for the same.	Not proposed	
1.18	Whether carrying of sewage/OFC pipeline has been proposed on the parapet/any part of the bridges. If Yes, then mention the methodology proposed for the same.	Not proposed	
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 that purpose at the expenses of the agency owning the line	Road Crossing shall be Executed by HDD Method.	
	(a) Whether existing drainage structures are allowed to carry utility pipeline	NA	
	(b) Is it on line normal to NH	NA	
	(c) What is the distance of crossing the utility pipelines from the existing structures? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	NA	
	(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. Mention type of casing.	NA	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	NA	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	NA	
	(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. Mention the proposed details.	NA	
	(h) Mention the methodology proposed for crossing of road for the proposed Sewage/gas pipe line. Crossing shall be by boring method (HDD) (Trenchless Technology), specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.	NA	
	(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 waterway along it.	NA	
2	Document / Drawings to be enclosed with the proposal	Yes	



Site Engineer
PIU - Warangal

Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal.

2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.65m deepX0.45m wide) (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 not less than 15 meter from the center-lines of the nearest carriageway	NA	
	(iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges. (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.	NA	
2.2	Cross section showing the size of pit and location of cable for HDD method	Yes, Enclosed	
2.3	Strip plan/Route Plan showing the utility/Gas pipe line, Chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Strip Plan Showing all the details is Enclosed.	
2.4	Methodology for laying of the utility pipe line.	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, what is the Methodology of refilling of trench.	Only HDD Method proposed	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Enclosed	
	(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. Unsuitable soil and rock edged - should be excavated and replaced by selected material.	Yes (for pits only) <i>per</i>	
	(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 bottom of the road crust.	Yes (for pits only) <i>per</i>	
	(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.	Yes (for pits only) <i>per</i>	
	(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.	Yes (for pits only)	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Yes (for pits only) <i>per</i>	



Sit signature
per - Warangal

Project Director
National Highways Authority of India
Project Implementation Unit, Warangal

	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Yes (for pib only) (100)	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes (Proposal On HDD Method only)	
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 being OFC pipeline	
3	Draft License Agreement is signed by two witnesses	Enclosed	
3.1	The licensee 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 Guarantee as per Ministry's Circular no. RW/NH 33044/29/2015/S&R(R) dated 22.11.2016 is obtained.	Undertaking for submission of BG has been obtained from M/s.Dinesh Engineers Limited	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines	Confirmation of BG shall be obtained after BG Submission by M/s.Dinesh Engineers Limited	
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 utility 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 of installation, shifting or repairs, or alterations to the utility located in the National Highway right-of-ways.	Yes ; Enclosed	
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 utility line will be borne by the applicant agency owning the line.	Yes ; Enclosed	
5.9	Undertaking that text of the 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	Yes ; Enclosed	



Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal.

(Site Engineer)
PCU - Warangal

	statutory clearances applicable, before applying to Highway Administration		
5.11	If the MoRTH/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 MoRTH/NHAI at the cost of the agency owning the utility 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 OFC 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."	Yes ; Enclosed	
6	Who will sign the agreement on behalf of OFC line agency?	Mr.Arosh M R	
	Power of Attorney to sign the agreement is available or not	Available, Enclosed	
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 ; Enclosed	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the OFC pipe line would be extremely difficult and unreasonable costly and the installation of OFC 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-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".	Yes ; Enclosed	
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 to lay OFC duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of from Km.132/250 to Km.137/750 (RHS) at Km.132/250 Road Crossing, from Km.132/250 to Km.139/750(LHS) at Km.139/750 Road Crossing and from Km.141/150 to Km.142/650 (LHS) of National Highway land on Build; Operate and Transfer Basis] and therefore, the licensee shall honour the same."	inserted in the Agreement	
9	Who will supervise the work of laying of OFC pipe line		



Kishor
Site Engineer
PIO - Warangal

K
Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal

	(a) On Behalf of the Applicant	Project Manager, Dinesh Engineers Limited.	
	(b) On Behalf of MORTH/NHAI	IE/NHAI Warangal	
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.		
	(a) On Behalf of the Applicant	Project Manager, Dinesh Engineers Limited.	
	(b) On Behalf of MORTH/NHAI	IE/NHAI Warangal	
11.	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	M/s.Dinesh Engineers Limited	
	On behalf of the Applicant		
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)	Yes, Enclosed	
13.	If any previous approval is accorded for laying of underground OFC Pipe line then Photocopy of register of records of permissions accorded (as maintained by PD) be enclosed.	No Previous approvals accorded at the proposed location	

The Check list/document have verified and authenticated by Field Engineers, documents/check list have been thoroughly examined by me and authenticated documents forwarded along with proposal.

[Name Designation and signature of the applicant]

Kotesh
Site Engineer
PRU - Warangal



[Name Designation and signature of authorized representative of concerned field authority of NHAI/PWD/BRO]

[Signature]
Project Director
National Highways Authority of India
Project Implementation Unit