



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८. आंध्र प्रदेश

Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

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भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Ref : NHAI/RO-VJA/PIU-AMR/NH-16/C-V section/2020-21/ 1664

Date : 15-12-2020

To

The Sr. Technical Director,
NIC, Transport Bhawan,
New Delhi- 110001.

Sub : NHAI, RO - Vijayawada - 6 laning of Chilakaluripet - Vijayawada section of NH-16 from Km.355+000 to 434+150 in the state of Andhra Pradesh to be executed as BOT(Toll) on DBFO pattern under NHDP Phase-V- Laying of Water supply pipeline along Highway from Km.401/680 to Km.401/950 on LHS and from Km.401/950 to Km.401/680 on RHS and crossing at Km.401/950 on NH-16 towards Vijayawada - Public comments - Reg.

Sir,

Please find enclosed herewith a proposal of Executive engineer, Guntur Municipal Corporation seeking NOC for Laying of Water supply pipeline along Highway from Km.401/680 to Km.401/950 on LHS and from Km.401/950 to Km.401/680 on RHS and crossing at Km.401/950 on NH-16 in the subject stretch.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the application along with the recommendation of PD, PIU - Amaravathi are enclosed herewith with a request to host the same in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest), for taking further necessary action.

Yours faithfully,

Encl: As above

(R.K.Singh),
Regional Officer
RO - Vijayawada

Copy to: 1) PD, PIU - Amaravathi - for information
2) Executive Engineer, Guntur Municipal corporate, Guntur - for information



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

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कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

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प्लॉट.क.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८. आंध्र प्रदेश

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भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Ref : NHAI/RO-VJA/PIU-AMR/NH-16/C-V section/2020-21/ 1665

Date : 15-12-2020

INVITATION OF PUBLIC COMMENTS

Sub : NHAI, RO - Vijayawada - 6 laning of Chilakaluripet - Vijayawada section of NH-16 from Km.355+000 to 434+150 in the state of Andhra Pradesh to be executed as BOT(Toll) on DBFO pattern under NHDP Phase-V- Laying of Water supply pipeline along Highway from Km.401/680 to Km.401/950 on LHS and from Km.401/950 to Km.401/680 on RHS and crossing at Km.401/950 on NH-16 towards Vijayawada - Public comments - Reg.

The Project Director, PIU - Amaravathi submitted a proposal of Executive engineer, Guntur Municipal Corporation seeking NOC for Laying of Water supply pipeline along Highway from Km.401/680 to Km.401/950 on LHS and from Km.401/950 to Km.401/680 on RHS and crossing at Km.401/950 on NH-16 towards Vijayawada.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the Highway Administration will put out the application in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

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

Regional Officer - Vijayawada,
National Highways Authority of India,
Plot No.21, Teachers' Colony, Gurunanak Nagar Road,
Vijayawada, Andhra Pradesh. Pin: 520 008.
Email: rovijayawada@nhai.org


(R.K.Singh),
Regional Officer
RO - Vijayawada



National Highways Authority of India

Project Implementation Unit, Amaravati, AP

Door No. 136/A, 106 & 107, 1st Floor, Vasantha Residency,
Sri Lakshmi Narasimha Colony, MANGALAGIRI - 522 503.
Guntur District, Andhra Pradesh

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

परियोजना कार्यान्वयन ईकाई, अमरावती, आंध्र प्रदेश

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भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

PA/BS

24/11/20

NHAI/PIU-Amaravati/11013/13(WSS)/2020/Vol.1/1040

23rd November, 2020

To
The Regional Officer,
National Highways Authority of India,
21, Teachers' Colony,
Gurunanak Nagar Road,
Vijayawada - 520 008

DGM-752



Sir,

Sub: NHAI, PIU-Amaravati - 6 laning of Chilakaluripet - Vijayawada section of NH-16 from Km.355+000 to 434+150 in the state of Andhra Pradesh to be executed as BOT(Toli) on DBFO pattern under NHDP Phase-V- Laying of Water supply pipeline along Highway from Km.401/680 to Km.401/950 on LHS and from Km.401/950 to Km.401/680 on RHS and crossing at Km.401/950 on NH-16 towards Vijayawada - Reg.

It is to submit that Executive Engineer, Guntur Municipal Corporation vide letter dated 04.11.2020 requested permission for laying of Water supply pipeline, by providing 200mm dia HDPE pipe line along Highway from Km.401/680 to 402/000 on LHS and from Km.402/000 to Km.401/680 on RHS with crossing at Km.402/000 on NH-16 towards Vijayawada along Chilakaluripet - Vijayawada section of NH-16.

PIU. vide letter no. NHAI/PIU-Amaravati/11013/13(WSS)/2020/Vol.1/1004 dated 10.11.2020 forwarded the proposal to IE, M/s Aarvee Associates with a request to examine the same as per site conditions and with reference to MoRTH circular, F.No. RW/NH-33044/29/2015/S&R® dated 22.11.2016 and offer necessary comments/recommendations for processing the proposal.

In this connection, IE, M/s Aarvee Associates vide letter no. AA/OM/1956/VJA/NHAI/Permissions /19-20/1398 dated 17.11.2020 submitted as follows:

1. The applicant has submitted Checklist for laying 200mm dia HDPE pipeline from Km.401/680 to 402/000 on both sides of the Service Road and across National Highway at Km.402.000. The information furnished in the checklist is satisfying all conditions of MoRTH Circular dated 22.11.2016.
2. The applicant has submitted Undertakings for:
 - (i). for submission of Performance Bank Guarantee @ Rs.100/- per route meter for <=300mm dia for drinking water pipe line for a period of one year after obtaining the approval.

- (ii). Not to damage other utility, if damaged, then will pay the losses either to NHAI or concerned agency.
 - (iii). Confirming all standard conditions of NHAI's guidelines.
 - (iv). Shifting of drinking water pipeline as and when required by NHAI at applicant's own cost.
 - (v). Shifting due to 6-laning/widening of NH.
 - (vi). Traffic movement during laying of water pipeline to be managed by the applicant.
 - (vii). If any claims raised by the Concessionaire then the same will be paid by the applicant.
 - (viii). Prior approval of NHAI shall be obtained before undertaking any work of installation, shifting or repairs or alterations to the water pipeline located in National Highway Right of Way.
 - (ix). Indemnify against all damages and claims clause (xxiv).
 - (x). Expenditure, if any incurred by NHAI for repairing any damage caused to the National Highway while laying, maintenance or shifting of pipeline will be borne by the agency owning the line.
 - (xi). If NHAI considers it is necessary in future to move the utility line for any work of the improvement or repairs to the road, it will be carried out as desired by NHAI at cost of the agency owning to the utility lie within a reasonable time (not exceeding 60days) of the intimation given.
 - (xii). For renewal of BG when asked by MoRTH/NHAI.
 - (xiii). 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 dated 22.11.2016.
3. As per the plan submitted, the applicant has proposed to lay pipeline along the service road from Km.401/680 to 402/000 on both sides with open trenching and a road crossing at km.402/000 across highway with Horizontal Direction Drilling (HDD) method.
 4. Applicant submitted methodologies for laying of 200mm dia HDPE water supply pipeline with Open Trenching method and HDD method across Highway.

While submitting the above, IE informed that the proposal was found to be in order and recommended for approval of Competent Authority, NHAI for laying of water supply pipeline.

The proposal has been scrutinized in this office and found to be in order.

In view of the above, the proposal for laying of Water supply pipeline, by providing 200mm dia HDPE pipe line along Highway from Km.401/680 to 4022/000 on LHS and from Km.402/000 to Km.401/680 on RHS with crossing at Km.402/000 along Chilakaluripet - Vijayawada section of NH-16 is herewith recommended with a request to communicate the approval of Competent Authority, NHAI, at an early date.

Encl. As above.

Yours faithfully,



(Dr.T.SRINIVAS)
Project Director
PIU-Amaravati(AP)



CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of Water supply line and submit that the proposal is confirming to all the standard conditions issued vide NHAI guidelines issued vide Circular No. 11041/217/2007-Adm dated 04.02.2009 (Policy Matters no. 46/2009) and Ministry Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
2. It is certified that any other location of the water supply line would be extremely difficult and unreasonably costly and installation of water supply line within RoW will not adversely affect the design, stability & traffic safety of highway nor the likely future improvement such as widening of the carriageway, easing of curve, etc.
3. It will be ensured for supervision of the work of laying of water supply line and to ensure that the defects in road portion after laying of water supply line are corrected.
4. It will be notified/forfeit the Bank Guarantee for claims for damages done/ disruption in working, if any.
5. It will be ensured that proposed permission is entered in the register of records.
6. The record of previous proposal if any, has been considered and a copy of the same is herewith enclosed for perusal.

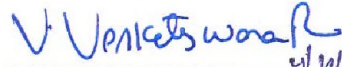


Project Director
NHAI, PIU-Amaravati(AP)

CHECK LIST

Guidelines for processing for laying of Drinking Water Pipe Line in the Land along National Highways vested with NHAI/PWD/BRO

Where Sl.No	Item	Information/Status	Remarks
1	General Information		
1.1	Name and address of the Application /Agency	Executive Engineer, Guntur Municipal Corporation, Guntur.	
1.2	National Highway Number	NH 16	
1.3	State	Andhra Pradesh	
1.4	Location	Guntur-Bonthapadu and Etukuru Villages NH-16 under way	
1.5	(Chainage in km)	Km.402/000	
1.6	Length in Meters	320m +320m+ Crossing 1 location 78mts. = 718mts	
1.7	Width of available Row	78m	
1.8	Proposal to lay Drinking Water Pipeline a) Left side from center line towards increasing chainage/km direction.	39.0 M	
	b) Right side from center line towards increasing chainage /km direction	39.0 M	
1.9	Proposal to lay utility line a) Left side from center line	In the Utility Corridor along the service road road.	
	b) Right side from center line	In the Utility Corridor along the service road road.	
1.10	Whether proposal is in the same side where land is not to be acquired.	YES	
	If not then where to lay the Pipeline	NA	
1.11	Details of already laid services , if any along the proposed route	...	
1.12	Number of Lane (2/4/6/8 lanes) existing	6 lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders /4/6/8 lanes)	NA	


 EXECUTIVE ENGINEER 4/11/20
 Guntur Municipal Corporation

1.14	Service Road existing or not	Yes	
	If yes then which side		
	(a) Left side from center line	Yes	
	(b) Right side from center line	Yes	
1.15	Proposed Service Road	NA	
	(c) Left side from center line	NA	
	(d) Right side from center line	NA	
1.16	Whether proposal to lay Drinking Water Pipe line is after the Service road or between the service road and main carriageway	After the Service Road	
1.17	Whether carrying of Drinking water pipeline has been proposed on highway/bridges if YES then mention the methodology proposed for the same	No	
1.18	Whether carrying of Drinking water pipeline has been proposed on the parapet/ any part of the bridges. If yes then mention the methodology proposed for the same.	No	
1.19	If crossing of the road involved if YES, it shall be either encased in pipes or through structure of conduits specially built that purpose at the expenses of the agency owing the same.	YES, Encased in 300mm dia MS pipe	
	a) Whether the Existing drainage structures shall not be allowed to carry the lines.	...	
	b) It is on a line normal to NH	YES	
	c) What is the distance crossing the drinking water pipeline from the existing structure crossing shall not be too near the existing structure on the national highway, the minimum distance being 15 meter.	-----	
	d) The casing pipe carrying the drinking water pipe line shall be of steel, cast iron, reinforced cement concrete and have adequate strength and large enough to permit ready with drawl of carrier pipe mention type of casing.	Casing Pipe : 300 mm MS Main Pipe : 200mm MS	


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 Guntur Municipal Corporation


	e) Ends of the casing /conduct pipe shall be sealed from the outside . So that it does not act as drainage path.	YES	
	f) The casing / conduct pipe should as minimum extend from drain to drain in cuts and toe of slope fills.	YES	
	g) The top of the Casting / conduct pipe should be at least 1.2 M below the drain inverts mentions the proposed details.	YES	
	h) Mention the methodology proposed for crossing of road for the proposed drinking water pipeline, crossing shall be boring method HYDD, specially where the existing road payment is of cement concrete or dense bituminous concrete type.	YES	
	The casing / conduct pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of water way along it.	YES	
2	Document / Drawing enclosed with the proposal	Enclosed	
2.1	<p>Cross Section showing the size of trench for open trenching method (is it normal size of 1.2 m deep x 0.3 m wide)</p> <p>j) Shoulder not be greater than 60 cm wider than the outer diameter of the pipe</p> <p>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 carriage way.</p> <p>III) Shall not be permitted to run along the National Highways when the road information is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.</p> <p>iv) These should be so laid tgat their top is at least 0.6 m below the ground level so as not to obstruct drainage of the road land.</p>	Yes	


 EXECUTIVE ENGINEER
 Guntur Municipal Corporation

2.2	Cross Section showing the size of pit and location or drinking water pipe line for HDD method	YES	
2.3	Strip plan/ Route plan showing Drinking Water pipe line, chainage width of Row, distance of proposed line from the edge of ROW important mile stone, Intersections cross drainage works etc.	Enclosed	
2.4	Methodology for laying of Showing Drinking Water Pipe line.	Furnished	
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, Methodology of refilling of trench.	Back fill of the soil excavated with compaction @ every 300mm	
	If Yes, what is the methodology of refilling the trench	Enclosed	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe	Yes	
	(b) For filling of 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	
	(c) The back fill 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	
	(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 Proctors Density. Overfill shall be compacted to the same density as the material that had been	yes	


 EXECUTIVE ENGINEER
 Guntur Municipal Corporation

	removed. Consolidation by saturation of 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 dip at the trench.	Yes	
	(f) The excavation shall be protected by flagman , signs and barricades and red lights during night hours.	Yes	
	(g) If required a diversion shall be constructed at the expense of agency owing the utility line.	Yes	
2.4.2	Horizontal Directional Drilling (HDD Method	Yes	
2.4.3	Methodology for laying of Drinking Water Pipe line through CD Works and method of laying	NA	
2.4.4	In case where the carrying of gas- pipe line through CD works and method of laying.	NA	
3	Draft License agreement signed by two witness	Enclosed	
4	The License fee estimate as per ministry guidelines issued vide circular no RW/NH/33044/29/2015/S&R Dated 22-11-2016.	Enclosed	
4.1	Whether performance bank guarantees per ministry circular nor/NH/33044/29/2015/S&R Dated 22.11.2016.	An under taking is furnished	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	BG Shall is submitted as per NHAI guidelines.	
5	Affidavit /Undertaking from the applicant from the following is to be furnished.	Yes	
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.	Enclosed	
5.2	Undertaking for Renewal of BG as when asked by MORTH/NHAI.	Enclosed	


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 Guntur Municipal Corporation

5.3	Undertaking for confirming all standard condition of NHAI guidelines.	Enclosed	
5.4	Undertaking for indemnity against all damages and claims clause (xxiv)	Enclosed	
5.5	Undertaking for traffic movement during laying of Drinking water Pipeline to be managed by the applicant.	Enclosed	
5.6	Undertaking that if any claims is raised by the concessionaire then the same has to be paid by the applicant.	Enclosed	
5.7	Undertaking that prior approval of NHAI shall be before undertaking any work for installation shifting of repairs or alternations to the showing Drinking Water Pipeline located in the NH- right of way.	Enclosed	
5.8	Undertaking that Expenditure if any incurred by NHAI for repairing ay damage caused to the NH by the laying maintenance or shifting of the Drinking Water pipe line will be borne by the agency owing he line.	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* Dated 22.11.2016.	Enclosed	
5.10	Undertaking that applicant has obtained various safety clearance from the representative authorities such as Directorate of Electricity Chief Controller of explosive, petroleum and explosive safety organization. Oil industry safety directorate State/central pollution control board and any other statutory clearance as applicable Before applying to Highway administration.	NA	
5.11	If the MORTH /NHAI considers if necessary in future to move the utility line for any work 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 utility line within reasonable	Enclosed	


 EXECUTIVE ENGINEER 4/11/20
 Guntur Municipal Corporation


	time (not exceeding 60 days) of the intimation given.		
5.12	Certificate from the application in the following format.	Enclosed	
	h) Laying of Drinking Water Pipe line will not have any delirious effects on any of the bridge components and road way safety for traffic.	Enclosed	
	(ii) We do undertake that I / we will relocate service road /approach road / utilities my/ our own cost not with standing the Permission granted with in such time as will be stipulate by NHAI for future six laying / any other development.	Enclosed	
6	Who will sign the agreement on behalf of Drinking water pipeline agency.	Executive Engineer, Guntur Municipal Corporation, Guntur.	
6.1	Power of attorney to sign the agreement is available or not.	NA	
7	The Project Director will submit the following Certificates.		
7.1	Certified that the Proposal for confirming of all standard condition issued vide Ministry Circular No: NH.41 (58) /68 dated 31.01.1969. Ministry Circular no. RW/NA/3304/29/2015/S&R dated 22.11.2016.	Enclosed	
7.2	Certificate from PD in the following format. i) It is certified that any other location of the Drinking Water Pipe line would be extremely difficult and unreasonable costly and the installation of Drinking Water 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 carriage way easing of curve etc. j) For 6-lanning	Enclosed	


EXECUTIVE ENGINEER 21/11/20
Guntur Municipal Corporation

	<p>a) Where feasibility is available I do certify that there will be hindrance to the proposed six lanning based on the feasibility report considering proposed structure 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-lanning.</p>		
8	<p>If NH Section proposed to be taken up by NHAI on BOT basis a clause is to be interested in the agreement The permitted Highway on which license has been granted the right the right to lay drinking water pipe line has also been granted as a right of way to the concessionaire under the concession agreement for up gradation of [Chilakaluripet – Vijayawada section from 355 +000 to km 434+150 of NH No.5 on build operate and transfer bias] and therefore the license shall honor the same.</p>	Inserted	
9	<p>Who will supervise the work of laying of Drinking Water Pipe Line.</p> <p>a) On behalf of the application</p>	Executive Engineer, Guntur Municipal Corporation, Guntur, A.P.	
	b) On behalf of MORTH/NHAI	IE	
10	<p>Who will ensure that the defects in road portion after laying of Drinking Water Pipe line are corrected and if not corrected then what action will be taken.</p>		
	a) On behalf of applicant	Executive Engineer, Guntur Municipal Corporation, Guntur, A.P.	
	a) On behalf of MORTH/NHAI	IE	

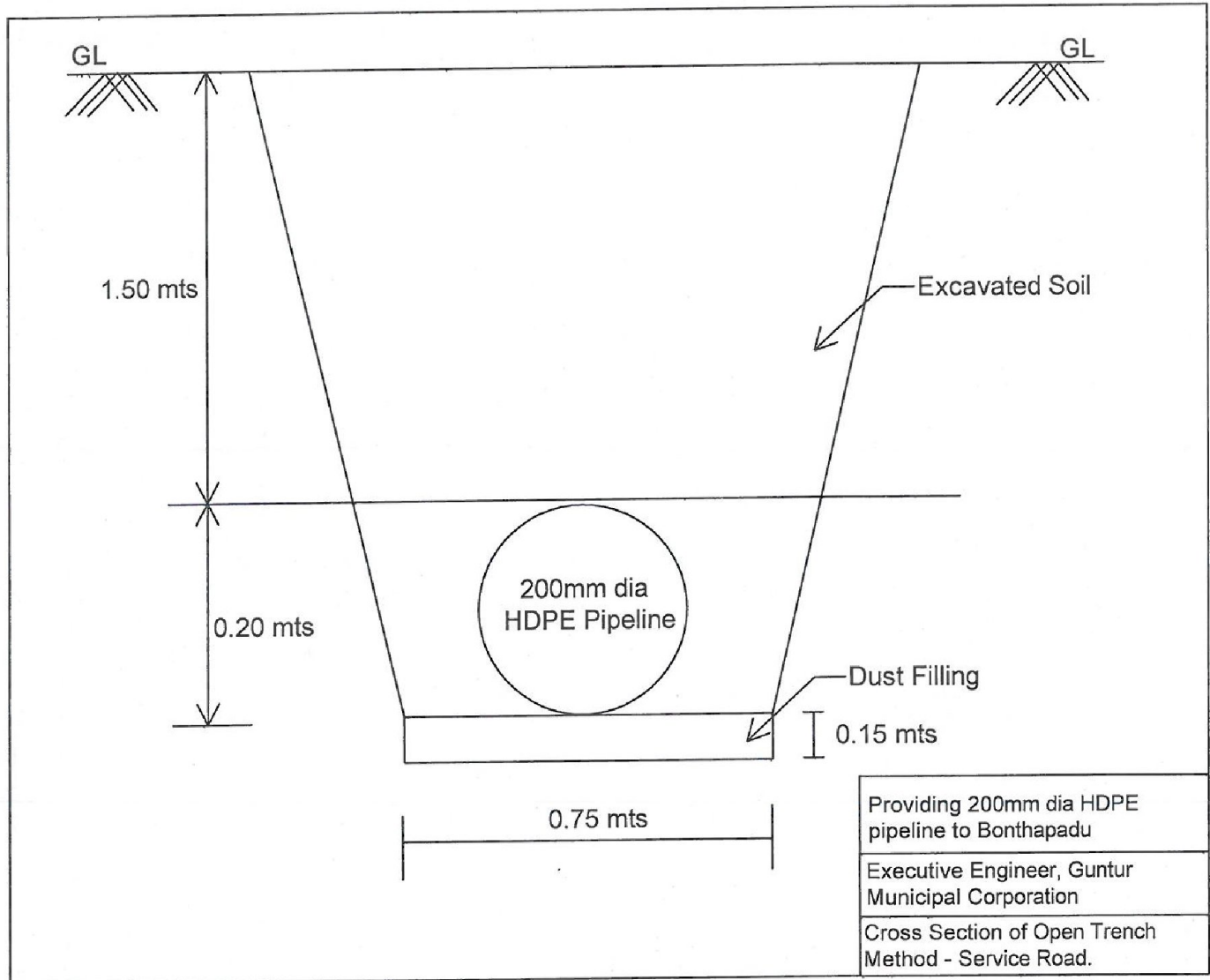

 4/11/20
 EXECUTIVE ENGINEER
 Guntur Municipal Corporation

11	Who will pay the claims for damages done/disruption in working concessionaire if asked by the concessionaire		
	a) On behalf of the applicant	Executive Engineer, Guntur Municipal Corporation, Guntur, A.P.	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed)	YES	
13	If any previous is accorded for laying of underground drinking water pipeline then photo copy of register of records of permissions accorded as maintained by PD then copy be enclosed.	NA	


Project Director
NHAI, PIU, AMARAVATI.


EXECUTIVE ENGINEER
Guntur Municipal Corporation

CROSS SECTION OF TRENCH (OPEN TRENCH) FOR WATER PIPELINE

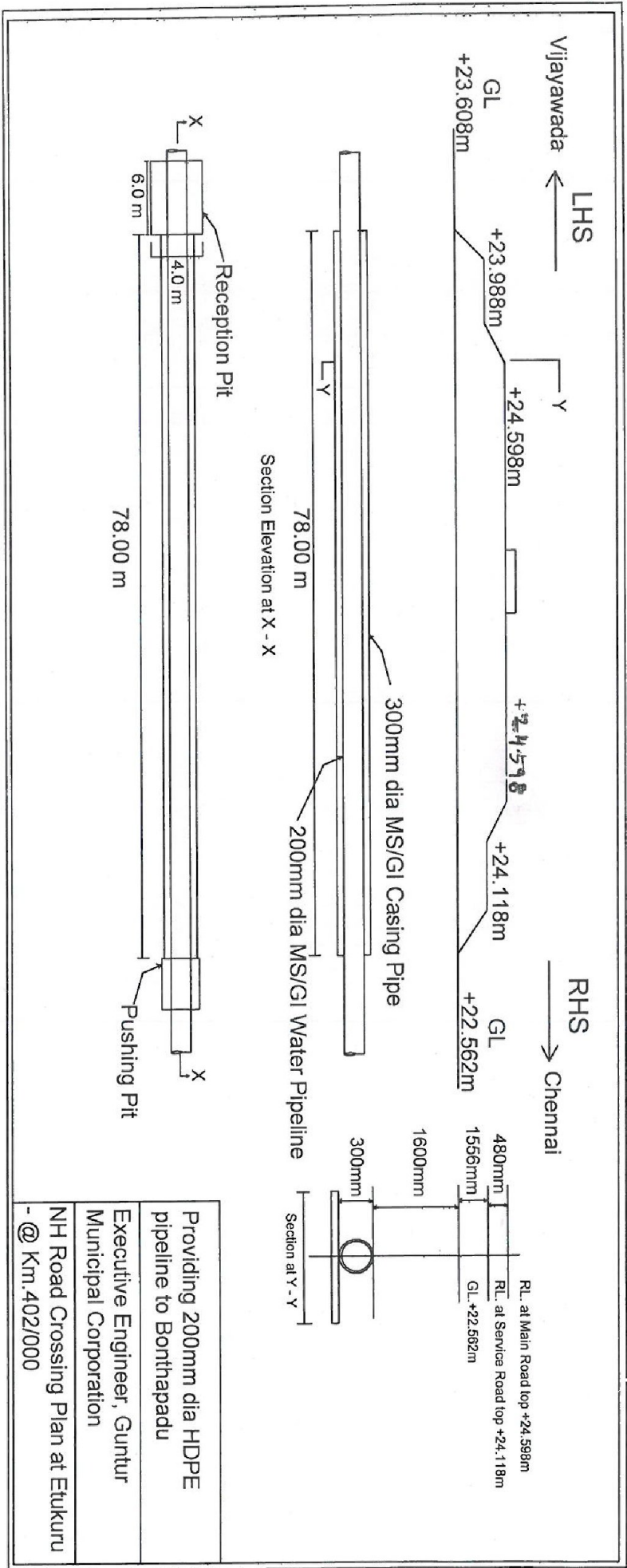


[Signature]
4/11/20
ASSISTANT ENGINEER
MUNICIPAL CORPORATION
GUNTUR

[Signature]
4/11/20
Deputy Executive Engineer
Municipal Corporation
GUNTUR

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4/11/20
EXECUTIVE ENGINEER
Guntur Municipal Corporation

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Project Director
NHAI, PIU, AMARAVATI.

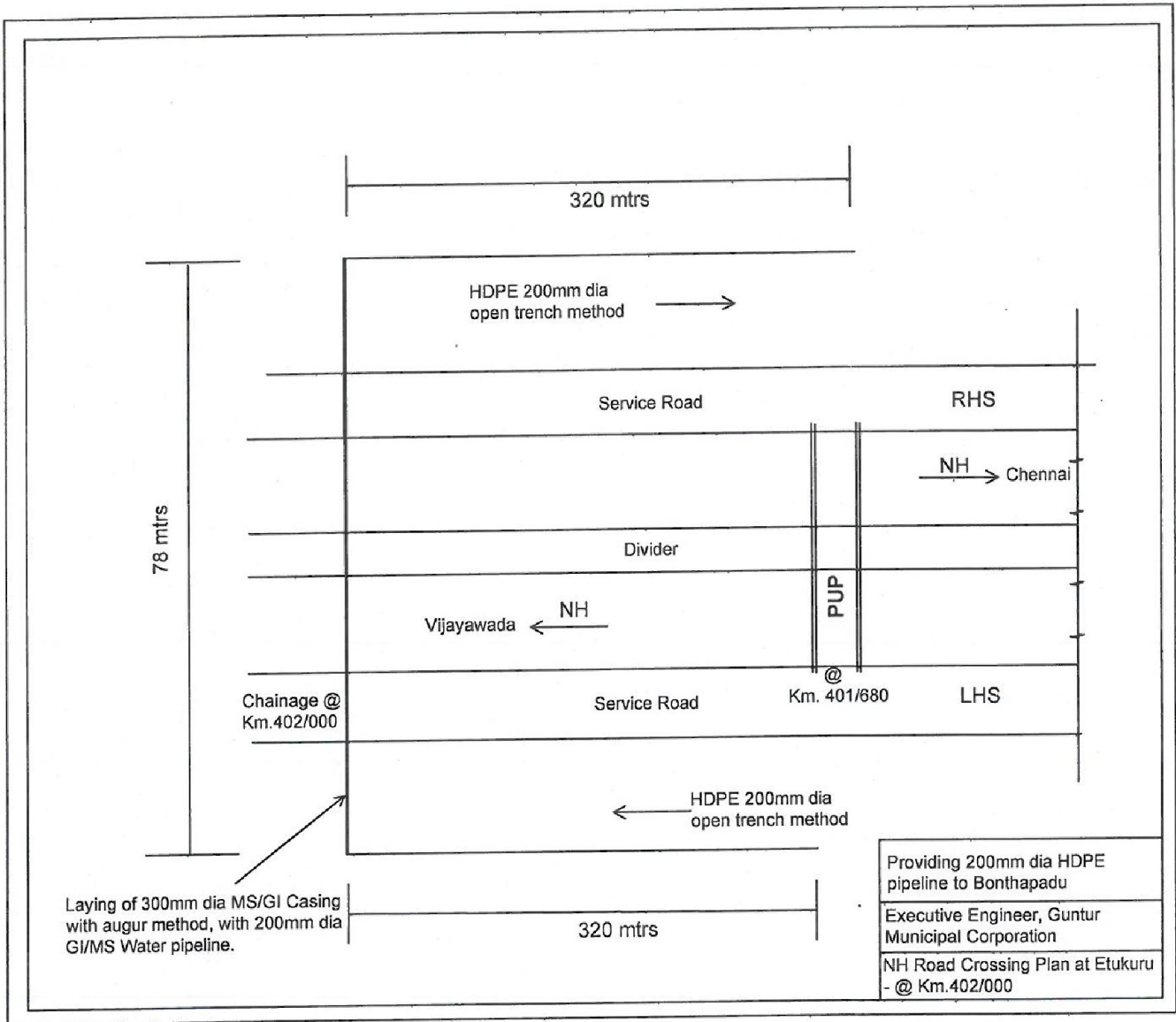


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 ASSISTANT ENGINEER
 MUNICIPAL CORPORATION
 GUNTUR

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 Deputy Executive Engineer
 Municipal Corporation
 GUNTUR

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 EXECUTIVE ENGINEER
 Guntur Municipal Corporation

Project Director
 NHAI PIU AMARAVATI



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Municipal Corporation
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EXECUTIVE ENGINEER
Guntur Municipal Corporation

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Project Director
NHAI, PIU, AMARAVATI