



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.

टेली / Tele : 0866-2483910

ई-मेल / E-mail : rovijayawada@nhai.org
nhairovja@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Lr.No NHAI/RO-VJA/11045/NOC/2020-21/ 327

Dt.11.02.2021

INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Proposal submitted by the Executive Engineer PD-III, Grater Visakhapatnam Smart City Corporation Limited (GVSCCL) seeking permission for crossing the NH-16 with horizontal boring method at near Sheela Nagar Junction at Km.717.676 of NH-16 -Public comments - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of Grater Visakhapatnam Smart City Corporation Limited (GVSCCL) seeking permission for laying the pipeline across NH-16 with horizontal boring method at near Sheela Nagar Junction at Km.717.676 of NH-16 for a length of 60m.

2. 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).

3. 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



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय)

(MINISTRY OF ROAD TRANSPORT & HIGHWAYS)

परियोजना कार्यान्वयन इकाई (जि.यू.), भा.रा.प्रा. एन्क्लेव, कि.मी.2/8 रा.रा.5.,
Project Implementation Unit (GQ), NHAI Enclave, KM 2/8 NH-16

हनुमन्तवाका, विशाखपट्टणम - 530 040, ए.पि., भारत
Hanumanthavaka, Visakhapatnam - 530 040, A.P., India



भारतमाला

प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

दूरभाष / Phone : 0891-2707600

2714119

फाक्स / Fax No. : 0891-2714118

ई-मेल / E-mail : vis@nhai.org

Ref. No.: NHAI/PIU-VSP/GVMC-WSPL-717.676/2020/6961

To

The Regional Officer,
National Highways Authority of India
Regional Office, Plot No. 21,
Teacher's Colony, Gurunanak Nagar Road,,
VIJAYAWADA - 520 008



Date : 25.01.2021

Sub: NHAI, PIU, Visakhapatnam : Permission for crossing the NH-16 with horizontal boring method at near Sheela nagar Junction at Km 717.676 - Proposal submitted - Reg.

- Ref:
1. Letter No. GVSCC/Projects/APUIAML(S&TW)/2017-18 dated 03.06.2020 of the Managing Director & CEO, GVSCCL, Visakhapatnam
 2. This office letter No. NHAI/PIU-VSP/Permission-GVSCCL/2019/5259 dated 19.06.2020
 3. Letter No. GVSCC/Projects/APUIAML(S&TW)/2017-18 dated 30.07.2020 of the Executive Engineer PD-III, GVSCCL, Visakhapatnam
 4. This office letter No. NHAI/PIU-VSP/Permission/GVSCCL/2019/6371 dated 12.11.2020
 5. Letter No. MSV-Armange/O&M/NHAI-PIU-VSP/GVSCCL/Crossing/2019-20/257 dated 24.11.2020
 6. This office letter No. NHAI/PIU-VSP/Permission/GVSCCL/2019/6565 dated 04.12.2020
 7. Letter No. GVSCC/Projects/APUIAML(S&TW)/2017-18 dated 09.12.2020 of the Executive Engineer PD-III, GVSCCL, Visakhapatnam
 8. Letter No. MSV-Armange/O&M/NHAI-PIU-VSP/GVSCCL/Crossing/2020-21/281 dated 05.01.2021

Sir,

1. It is to submit that the Executive Engineer PD-III vide letter 01st cited has submitted the proposal for crossing the NH-16 with horizontal boring method at near Sheela Nagar Junction at Km 717.750 which has been forwarded to the Independent Consultant vide this office letter 02nd cited. A joint inspection has been carried out on 29.06.2020 in which the GVSCCL authorities have been suggested to submit the revised proposal.
2. Vide letter 03rd cited, the GVSCCL authorities have submitted the revised proposal which has been forwarded to the Independent Consultant vide this office letter 04th cited.
3. Vide reference 05th cited, the Independent Consultant has furnished certain observations which have been communicated to the Executive Engineer PD-III, GVSCCL vide this office letter 06th cited. Vide letter 07th cited, the Executive Engineer PD-III, GVSCCL has submitted the compliance to the observations. The same has been endorsed to Independent Consultant on 28.12.2020.

[Contd...2/p]

Building a Nation, Not Just Roads

निगमित कार्यालय : जी-5, एवं.6, सेक्टर-10, द्वारका, नई दिल्ली-110 075. वेब साइट : <http://www.nhai.org>

Corporate Office : G-5 & 6, Sector-10, Dwaraka, NEW DELHI - 110 075, Website : <http://www.nhai.org>

:: 2 ::

4. Vide letter 08th cited, the Independent Consultant has furnished their recommendations.
5. The checklist submitted by the Executive Engineer PD-III, GVSCCL is duly verified and are found correct as per the requirement.
6. The proposed site has been inspected and verified and the points listed as per the guidelines prescribed in the MORTH and is hereby certified that all the standard conditions are being fulfilled. The drawings furnished have been verified at site.
7. Hence, it is requested to consider the proposal of the Executive Engineer PD-III, GVSCCL favourably and communicate the approval at the earliest.

Encl: Proposal in 2 sets (01 original + 01 duplicate)

Yours faithfully,



[P. Siva Sankar] 25/1/21
GM (T) & Project Director

CERTIFICATE

This is to certify that the proposal for crossing the NH-16 with horizontal boring method at near Sheela nagar Junction at Km 717.676 is confirming of all standard condition issued vide Ministry's guidelines.

It is certified that providing the Water Supply pipeline in another location would be extremely difficult and unreasonable costly and the installation of Water Supply pipeline 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.

It is certified that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location".



GM (T) & Project Director



[P. Meera Anusha]
Manager (T)

ANNEXURE - I

Calculation of License Fees & Bank Guarantee Amount

Proposal for crossing the NH-16 with horizontal boring method at near Sheela nagar Junction at Km 717.676 under the jurisdiction of NHAI, PIU, Visakhapatnam

Sl. No.	Name of Village	Chainage		Length	Width	Area required Sq. Mtrs.	Prevailing rate of Land in Rs./Sq. Yard (As per Revenue Records)	Prevailing rate of Land in Rs./Sq.Mtrs. (Rate per Sq. Yard *1.196)	Amount Rs.	Remarks
2	Crossing at Venkatapatiraju Peta Km 717.676	---	---	60.0000	0.900	54.00	10,000	11,960.00	6,45,840	
Total Amount										
License Fees (Rs./month) = 645840/10*12										
Total License Fees for 5 years = 5382*12*5										
Total License Fees payable by GVSCCL for crossing NH-16 at Km 717.676 ----->										
(For Public Utility 33% of Industrial Utilities as per point No. 5 of MoRTH gude lines vide letter No. RW/NH-33044/29/2015/S&R(R) Dated: 22 nd November, 2016 i.e. Rs. 3,22,920*33%)										
1,06,564										

Performance Bank Guarantee Amount calculation

Amount of Performance Bank Guarantee to be submitted = length in Mtrs. x Rs. 250/- per meter as per Point No. 6 of MoRTH gude lines vide letter No. RW/NH-33044/29/2015/S&R(R) Dated: 22nd November, 2016, i.e. 60 Mtrs. x Rs. 250 (for utility services such as Pipes (>300mm dia / width but <= 1000 mm) etc.,) - Gas Pipeline

60 mtrs - dia Gas

Manager (T)

GM (T) & Project Director

CHECK-LIST

Guidelines for project Directors for processing the proposal for laying of Sewerage Pipe Line in the land along National Highways-16 vested with NHAI.

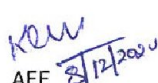
Relevant circulars

- 1) Ministry Circular No. NH-41(58)/68, dated 31.1.1969
- 2) Ministry Circular No. NH-III/P66/76, dated 18/19.11.1976
- 3) Ministry Circular No. RW/NH-III/P/66/76, dated 11.5.1982
- 4) Ministry Circular No. RW/NH-11037/1/86-DOI(ii) dated 28/7/1993
- 5) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995
- 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 dated 17.9.2003
- 8) Ministry Circular No. RW/NH-34044/29/2015 S&R dated 22.11.2016

Check list for getting approval for laying of Sewerage Pipe Line on NH land

SI NO	ITEM	Information / status	Remarks
1	General information		
1.1	Name and Address of the Applicant/ Agency	MD&CEO, Greater Visakhapatnam Smart City Corporation Limited. Visakhapatnam.	
1.2	National Highway Number	NH-16	
1.3	State	Andhra pradesh	
1.4	Location	Near Sheela Nagar Junction, Visakhapatnam.	
1.5	Chainage in km	KM 717.676	
1.6	Length in Meters	60	
1.7	width of available ROW		
	(A) Left side from center line towards increasing chainage/ km direction	30 mtr.	
	(B) Right side from center line towards increasing chainage/ km direction	30 mtr.	
1.8	Proposal to lay underground Water Pipe line		
	(A) Left side from center line towards increasing chainage/ km direction	NA	
	(B) Right side from center line towards increasing chainage/ km direction	NA	
1.9	Proposal to acquire land		
	(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	YES	
	If not then where to lay the pipeline	Edge of the RoW	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of lanes (2/4/6/8 lanes) existing	4 lane	
1.13	proposed number of lanes (2 lane with paved shoulders/4/6/8 lanes	NA	
1.14	service road existing or not if yes then which side	yes	
	(A) Left side from center line	NA	
	(B) Right side from center line	30 mtr	
1.15	proposed service road	NA	
	(A) Left side from center line	NA	
	(B) Right side from center line	NA	

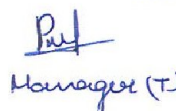

Project Director
National Highways Authority of India
P.O. VISAKHAPATNAM


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EE(PD-III)


SE(P-1)


Manager (T)

SINO	ITEM	Information / status	Remarks
1.16	Whether proposal to lay water supply/Sewerage pipe line is after the service road or between the service road and main carriageway	Edge of the RoW	
1.17	The permission for laying of pipeline shall be considered for approval/rejection based on the ministry circulars mentioned as above		
	a) where the ROW is more than 45m then the pipeline shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening	yes	
	b) where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning	NA	
	c) where the widening plan for 4 laning is not yet decided and available ROW is around 30m or less, a judicious decision would need to be taken for permitting the laying of pipeline. this could be within 1.5m to 2m utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans	NO	
	d) where ROW is restricted and adequate only to accommodate the carriageway, central edge, shoulders and drains (eg. Highways in cutting through hilly/ rolling terrain) the cable shall be laid clear of the drain	Casing-MS Pipe 900 mm	
	e) where land strip for utility corridor cannot be conveniently earmarked (Available Row restricted to the toe of the embankment) for laying of pipelines, the permission may be refused.		
1.18	If crossing of the road involved	I	
	if yes, it shall be either encased in pipes or through structure or conduit specially built for that purpose at the expenses of the agency owning the line.	Yes, Encased with MS 900 mm dia. Pipe	
	a) Existing drainage structure shall not be allowed to carry the lines	No	
	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 meters. What is the distance from the existing structures.	No.	
	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.	Casing-MS Pipe 900 mm	
	e) Ends of the 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 extended from drain to drain in cuts and toe of slope in fills.	yes	
	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 0.3m below the drain inverts.	We are going to 1.50mtr depth from ground level	
	h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	HDD Method	
	i) The casing /conduit pipe shall be installed with and even bearing throughout its length and in such a manner as to prevent the information of a waterway along it.	yes	



Project Director
National Highways Authority of India
P.O. VISAKHAPATNAM


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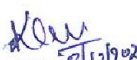

SE(PD-III)



SE(P-1)


Manager (T)


SI NO	ITEM	Information / status	Remarks
1.19	whether the same case of multiple licenses	NA	
1.2	if so furnish a joint implementation programmer to lay their respective ducts within stipulated time frame	NA	
1.21	If crossings of the road involved if yes, it shall only be through trenchless technology.	YES, NH road crossing shall be carried out through trenchless technology (HDD method)	
2	Document/Drawings enclosed with the proposal	YES	
2.1	Crossing section showing the size of trench for open trenching method (is it normal size of 1.2m deep x 0.3m wide) should not be greater than 1.2m width in multiple ducts	NA	
2.2	Cross section showing the size of pit and location of cable for HDD method	yes, HDD cross section attached	
2.3	Strip plan/ route plan showing water supply pipe line chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone intersections, cross drainage works etc.,	palm Enclosed	
2.4	Methodology for laying of showing water supply 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, methodology of refilling of trench.	NA	
2.4.2	Horizontal Directional Drilling (HDD) Method	Highways / major roads / railways crossings, streams / drainages and congested buildup areas shall be crossed through HDD method.	
2.4.3	Laying of through CD works and method of laying (whether to be hung outside paraper)	NA	
3	Draft License Agreement signed by two witnesses	yes	
4	Performance Bank Guarantee in Favour of NHAI has to be obtained @Rs.500/ per running meter (parallel to NH) and RS/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 cable/ducts by proper filling and compaction cleaning debris/loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way No payment shall be payable by NHAI to the licenses for clearing debris/loose earth.		
4.1	Performance Bank Guarantee as per above is to be obtained.	undertaking for submission of BG has been obtained from Greater Visakhapatnam Smart City Corporation Ltd.	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.		
5	Affidavit/ Undertaking from the applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes, Enclosed	
5.2	Renewal of Bank Guarantee	Yes, Enclosed	
5.3	Confirming all standard condition of NHAI's guideline	Yes, Enclosed	



Project Director
National Highways Authority of India
P.U. VISAKHAPATNAM


 AEE 2/12/22



 AEE 2/12/22



 EE(PD-III)


 SE(P-1)



 Manager (T)

SI NO	ITEM	Information / status	Remarks
5.4	Shifting of water supply pipe line as and when required by NHAI at their own cost	Yes,Enclosed	
5.5	Shifting due to 6 lanning /widening of NH	Yes,Enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes,Enclosed	
5.7	Traffic movement during laying of water supply pipe line to be managed by the applicant	Yes,Enclosed	
5.8	If any claim is raised by the Concessionaire them the same has to be paid by the applicant	Yes,Enclosed	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation/shifting/repai or alternation to the showing Water supply pipeline located in the National Highways right-of ways.	Yes, enclosed	
5.10	Expenditure, if any incurred by NHAI for repairing any damage caused to the national high way by the laying, maintenance or shifting of the water supply pipe line will be brone by the agency owning the line	Yes, enclosed	
5.11	If the NHAI consider 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 the agency owning the utility line within a reasonable time (not exceeding 60days) of the intimation given.	Yes, enclosed	
5.12	Certificate from the applicant in the following format: i) Laying of water supply pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic . ii) for 6 lanning " we do undertake that I will relocate service road /approach road /utilites at my own cost notwithstanding the permission granted within such time as will be stipulated by "NHAI" for future six -lanning or any other development"	Yes, enclosed	
6	Who will sign the agreement on behalf of water supply pipe line agency	MD,CEO, Greater Visakhapatnam Smart City Corporation Limited. Visakhapatnam.	
7	Certificate from the project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry circular No Ministry circular No NH- (58)/68 dated 31.1.1969.Ministry circular No NH-III/P/66/76 dated 18/19 11.1976, Ministry circular No RW/NH-11037/18/BB-DDI dated 19.1.1995, Ministry circular No RW/NH-34066/2/95 S&R dated 25.10.1999 and Ministry circular No RW/NH/34066/7/2003 S&R (B) dated 17.9.2003		


Project Director
National Highways Authority of India
P.I.U. VISAKHAPATNAM


 AEE 8/12/2020


 DEE 8/12/20


 EE(PD-III)


 SE(P-I)


 Manager (T)

SI NO	ITEM	Information / status	Remarks
7.2	<p>Certificate for 6 laning from PD in the following format:</p> <p>i) "it is certificated that any other location of the water supply pipe line would be extremely difficult and unreasonable costly and the installation of Laying of Recycled water supply pipeline within ROW will not adversely affect the design, stability & traffic safety of the highway not the likely future improvement such as widening of the carriageway casing of curve etc."</p> <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)b) In case feasibility report is not available I do certify that sufficient ROW is available at site for accommodating proposed six- laning.</p>		
8	If NH section proposed to be taken up by NHAI on BOT basis- a clause is to be inserted in the aggrement. " The permitted highway on which licensee has been granted the right to lay pipeline has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of kolkata- chennai section form KM ...TO KM...of NHAI NO.16 on built. operate and Transfer basis and therefore the licensee shall honour the sme.	NA	
9	Who will supervise the work of laying of water supply pipe line	Executive Engineer, (PD-III),	
10	who will ensure that the defects in road portion after laying of water supply pipe line are corrected and if not corrected than what action will be taken.	Executive Engineer, (PD-III),	
11	who will pay claims for damages done/ distrupction in working of concessionaire if asked by the concessionaire?	MD&CEO, Greater Visakhapatnam Smart City Corporation Limited. Visakhapatnam.	
12	A certificate from PD that the he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed) .issued vide minstry circular RW/NH/33044/27/2005/S&R@Pt). Dated.07.08.2013		
13	If any previous approval is accorded for laying of underground water supply pipe line then photocopy of register of records of permissions accorded as maintained by PD (minstry circular RW/NH/33044/17/2000/S&R Dated.23.072003 as refered in para 13 above enclosed or not	NA	

Signature of Project Director

Project Director
National Highways Authority of India
P.U. VISAKHAPATNAM

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DEE 8/12/20

EE(PD-III)

SE(P-1)

Manager (T)

UNIT RATES - LOCALITY WISE

District Name

VISAKHAPATNAM

Mandal Name

GAJUWAKA

City/Town/Village

Venkatapathirajupeta

S.No.	Ward-Block	Locality	Land Rate		Composite Rate				Classification	Effective Date (dd/mm/yyyy)	Door No. Wise Details Rates
			Rs. per Sq.Yard	Rs. per Sq.Ft.	Ground Floor	First Floor	Other Floors				
1.	0 - 0	VENKATAPATHIRAJUPETA	10,000		1,800	1,800	1,800		01(Residential)	10/08/2020	Get

Back

Note :

1.This is provisional information as per records maintained by registration department for the purpose of helping the registering public to estimate the stamp duty only, subject to change due to revision of market value once in a year OR adhocly due to anomalies.

2.For further details contact Sub Registrar office

GOPALAPATNAM,

11-181, Main Road

RAMAKRISHNANAGAR, Gopalapatnam

Visakhapatnam

Phone : 2520217

LICENCE FEE ESTIMATE

Name of the Work: Crossing of proposed 600 mm dia DI pipeline through 900mm dia MS casing pipe near Sheela Nagar Junction, Visakhapatnam at National Highway-16 (KM 717.676) in the state of Andhra Pradesh.

Estimate - A

LICENCE FEE CHARGES

S.NO	DESCRIPTION	Nos.	MEASUREMENTS			QUANTITY	RATE	UNIT	AMOUNT (in Rs.)
			L	B	D				
1	2	3	4	5	6	7	8	9	10
1	NH -16 Crossing at Venkatapathi Raju Peta KM: 717.676	1.00	60.00	0.90	-	60.00	11959.90	Sqm	717594.00
	Total								717594.00
	Licence Fee (Rs./Sqm/Month)				717584 /10 x 12				5979.95
	Licence Fee for 5 Years				5 x 12 x 5979.95				358797
	The licence fee for public utilities shall be 33% of the prescribed for industrial Utilities as per point no.5 of MORTH guidelines vide letter No.RW/NH/33044/29/2015/S&R(R)Dt.22.11.2016.								118403.01
	Rounding off								118403.00
	(Rupees One Lakh Eighteen Thousand Four Hundred Three only)								
Performance Bank Guarantee Amount calculation									
	Amount of Performance Bank Guarantee to be submitted = length in Mtr x rs.500/meter as per point no.6 MoRTH guide lines vide letter no. RW/NH-33044/29/2015/S&R(R.)Dt 22.11.2016				60 mtr x Rs.500/ mtr				30000.00



 5/12/2020
 07-EE EE (PD-III)


 SE (P-1)

SPECIFICATION REPORT

Specification Report to accompanying the estimate towards "License Fee" for crossing of Proposed 600mm Dia DI-K9 Carrier Pipe through 900mm Dia MS casing pipe at Near Sheela Nagar Junction, Visakhapatnam, National Highway -16 (KM – 717.676).

Estimate Amount: Rs. 118403/-

The rate of land abutting NH/SH/ZPP/MPP obtained from the website of Registration & Stamps Department, Government of Andhra Pradesh is used for calculation of the license fee. The list of villages falling in the proposed stretch of road, corresponding chainages and breakup of village wise land rates are as follows:

Sl.No.	Name of Village	Chainage (KM)	Length (MTR)	Rate of land abutting NHAI (Rs.)	
				Per Sq Yard	Per Sqm
1	Venkatapathi Raju Peta (Near Sheela Nagar Jn)	717.676	60	10000	11959.90

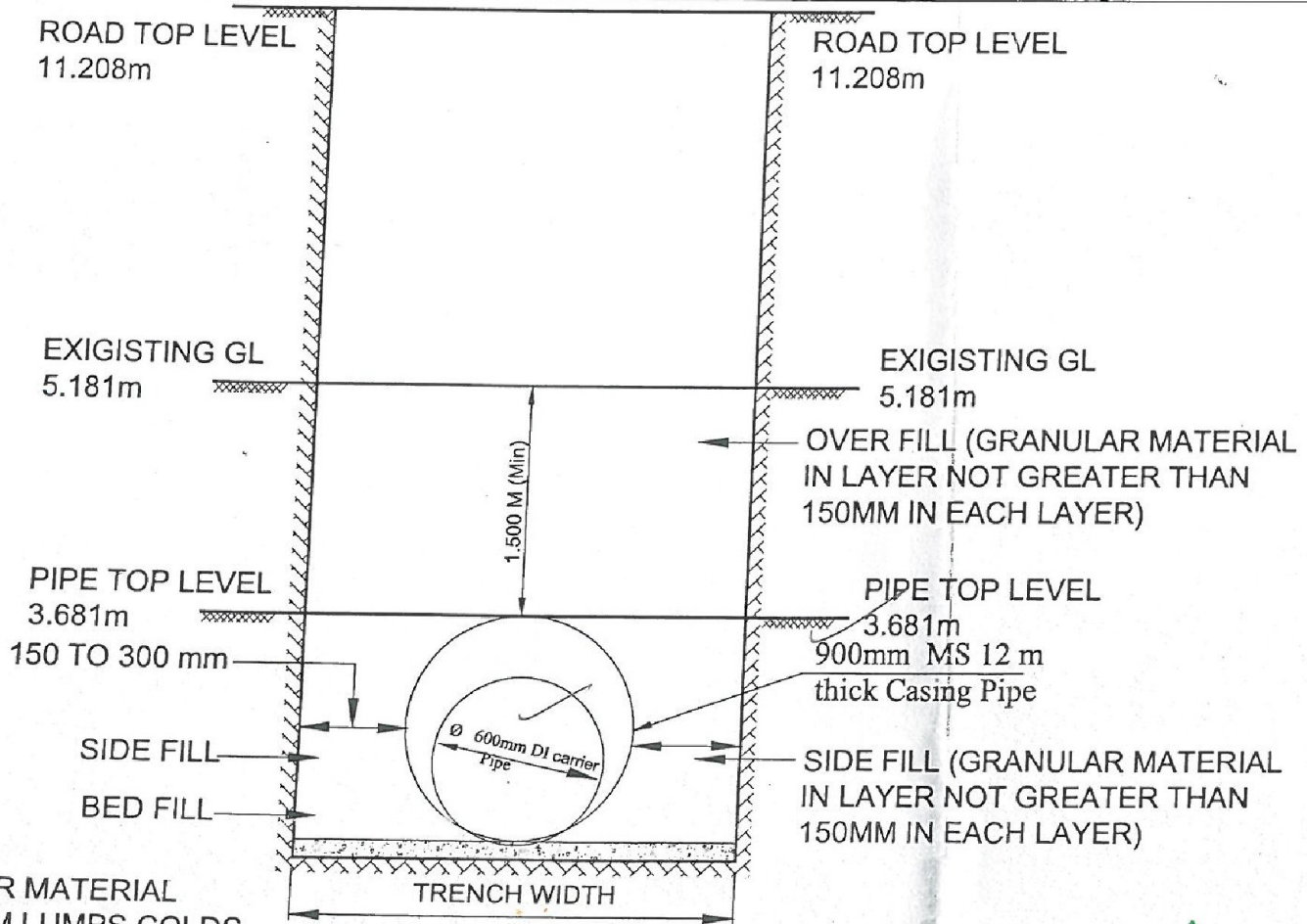
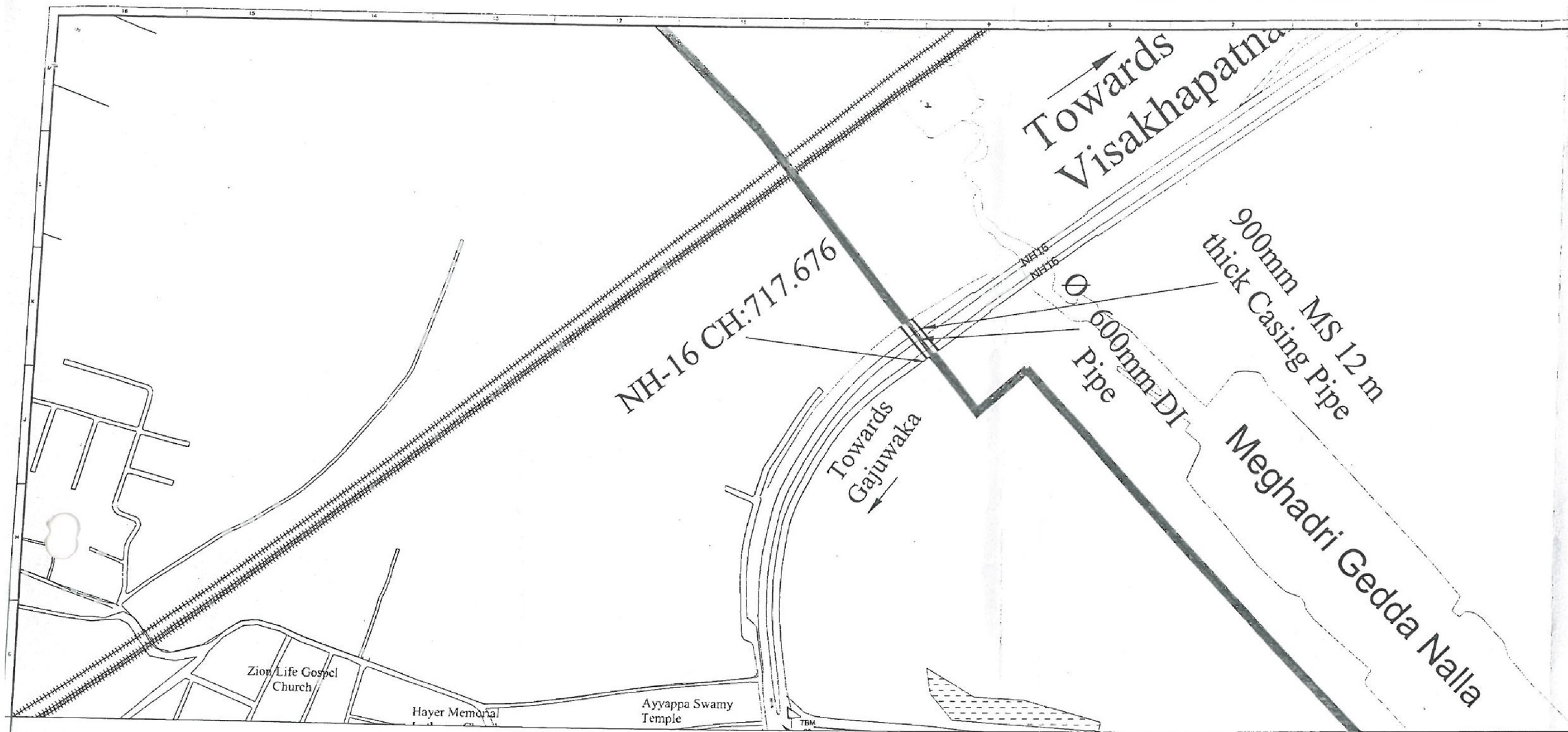
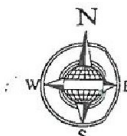
The Land Rate corresponding to the chainage is used for calculation of license fee. Hence the license fee estimate is prepared as per MORTH circular Memo No.RA/NH/33044/29/2015/S&R (R) Dt.22.11.2016. 4046.856

Kun
3/12/20
AEC

PSD
3/12/20
DYEC

8/12/20
EE (PD-III)

8/12/20
SE (PD-I)



TYPICAL CROSS SECTION DETAIL

Project Director
National Highways Authority of India
P.U. VISAKHAPATNAM

Client:-
 Greater Visakhapatnam Smart City Corporation Limited (GVSCCL), Visakhapatnam

Program Manager:-
 Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML) Vijayawada

Project Name:-
Development of Sewerage System in Pendurthi area of Visakhapatnam and Supply of Treated Water to various Industries in Visakhapatnam-Package 1

DRAWN BY:	TR	Drawing Title:-
CHKD BY:	PT	PLAN SHOWING NH-16 CROSSING AT
APRD BY:	KG	MEGHADRI GEDDA NALLAH NEAR
SCALE:	NTS	SHEELA NAGAR
DATE:	JULY-2020	DWG NO. APUIAML
		Rev.No. R0



Handwritten signatures and stamps:
AEE, DEE, EE(PD-III), SE(P-T), Manager(T)