



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.क्र.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८.आंध्रप्रदेश

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/2020-21/177

Dt.25.01.2021

INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for providing Drinking water supply scheme to Uddanam Area of Srikakulam District - Laying of Drinking Water Pipelines along and across NH-16 from Km 484+000 to Km.532+100 in Ichchapuram - Narasannapeta Section of NH-16 in the State of Andhra Pradesh -Public comments - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of Rural Water Supply and Sanitation Department, Govt. of Andhra Pradesh, Srikakulam for laying drinking water pipeline along and across NH-16 from Km.484+000 to Km.532+049 i.e. for a total length of 48.409 Km. including the length of 6 crossings for providing drinking water supply scheme to Uddanam area of Srikakulam District.

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



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय)

(MINISTRY OF ROAD TRANSPORT & HIGHWAYS)

परियोजना कार्यान्वयन इकाई (जि क्यू), भा.रा.रा.पा. 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/Uddanam-WSPL/2020/

6857 MGR

Date : 08.01.2021

To

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

16 JAN 2021
463

Sub: NHAI, PIU, Visakhapatnam : Water Grid Project - Providing Drinking water supply scheme to Uddanam Area of Srikakulam District - **Laying of Drinking Water Pipelines along and across NH-16** from Km 477.33 to 532.100 - Proposal submitted - Reg.

- Ref:
1. Letter No. 372/Uddanam Project/NHAI Permissions/AEE-2/220-21 dated 19.09.2020 of the Superintending Engineer, RWS & S, Srikakulam
 2. This office letter No. NHAI/PIU-VSP/IE/TOT/2020-21/5976 dated 21.09.2020
 3. Letter No. LION/IE-0819/2019/NHAI-SC-NIP/452 dated 20.10.2020 of the Independent Engineer, M/s LION Engineering Consultants.
 4. This office letter No. NHAI/PIU-VSP/TOT/RWS-Uddanam/2019/6234 dated 26.10.2020
 5. Letter No. 372/Uddanam Project/NHAI Permissions/AEE-2/220-21 dated 04.11.2020 of the Superintending Engineer, RWS & S, Srikakulam
 6. This office letter No. NHAI/PIU-VSP/TOT/RWS-Uddanam/2019/6403 dated 16.11.2020
 7. Letter No. LION/IE-0819/2019/NHAI-SC-NIP/485 dated 28.11.2020 of the Independent Engineer, M/s LION Engineering Consultants
 8. This office letter No. NHAI/PIU-VSP/TOT/Uddanam water project/2020/6551 dated 04.12.2020
 9. Letter No. 372/Uddanam Project/NHAI Permissions/AEE-2/220-21 dated 08.12.2020 of the Superintending Engineer, RWS & S, Srikakulam
 10. This office mail dated 18.12.2020
 11. Letter No. LION/IE-0819/2019/NHI-SC-NIP/508 dated 23.12.2020 of the Independent Engineer, M/s LION Engineering Consultants Pvt. Ltd.,
 12. This office email dated 28.12.2020. addressed Superintending Engineer, RWS & S, Srikakulam
 13. Letter No. 372/Uddanam Project/NHAI Permissions/AEE-2/220-21 dated 28.12.2020 of the Superintending Engineer, RWS & S, Srikakulam

Sir,

1. It is to submit that the Superintending Engineer RWS & S, Srikakulam vide letter 01st cited has submitted the proposal **laying of Drinking Water Pipelines along and across NHAI** from Km 477.334 to Km 532.100 under drinking water supply scheme to Uddanam Area of Srikakulam District which has been forwarded to the Independent Engineer vide this office letter 02nd cited.

[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. Vide reference 03rd cited, the Independent Engineer has communicated certain observations which have been communicated to the Superintending Engineer, RWS &S, Srikakulam vide this office letter 4th cited. Vide letter 05th cited, the Superintending Engineer, RWS &S, Srikakulam has resubmitted the proposal which has been forwarded to the Independent Engineer vide this office letter 6th cited. A joint inspection has been carried out on 26.11.2020.
3. The resubmitted proposal was not confirming to ministry's guidelines. Hence, this office vide letter 08th cited while returning the proposal has requested the Superintending Engineer, RWS &S, Srikakulam for resubmitting the proposal as per the Ministry's guidelines.
4. Vide reference 09th cited, the Superintending Engineer, RWS &S, Srikakulam has submitted the proposal which has been forwarded to the Independent Engineer vide reference 10th cited. The Independent Engineer vide reference 11th cited has furnished the comments / recommendations.
5. Vide reference 12th cited, this office has communicated certain observations and requested for compliance of the same. Vide reference 13th cited, the SE, RWS & S has submitted the revised documents.
6. The proposed location falls under Ichapuram - Narasanneta Section of NH-16 which is under TOT mode. The consent has been furnished by the Concessionaire vide letter dated 09.10.2020. A copy of the same is enclosed herewith.
7. The checklist submitted by the Executive Engineer PD-III, GVSCCL is duly verified and are found correct as per the requirement.
8. The proposed site has been inspected and verified on 01.01.2021 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. The following documents have been submitted by the agency:
 - (i) Checklist,
 - (ii) Undertakings;
 - (iii) License Deed;
 - (iv) Methodology;
 - (v) Details of structure falling in proposal
 - (vi) Specification report
 - (vii) License Fee
 - (viii) Cross sections
 - (ix) Strip plan

[Contd....3/p]

:: 3 ::

9. Keeping in view of the recommendation of the consultants, the proposal submitted by the RWS & S, Srikakulam for permission for **Laying of Drinking Water Pipelines along and across NH-16** from Km 477.33 to 532.100 is herewith recommended for according necessary approval of the Competent Authority please.

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

Yours faithfully,


[P. Siva Sankar]
GM (T) & Project Director

Calculation of License Fees & Bank Guarantee Amount

Proposal for laying of Drinking Water Pipelines along and across NHAI from Km 477.334 to Km 532.100 under drinking water supply scheme to Uddanam Area of Srikakulam District

Sl. No.	Name of Village	Chainage		Length Route Mtrs.	Width	Utilized NH land Area Sq. Mtrs.	Prevailing rate of Land in Rs./Sq. Yard (As per Revenue)	Prevailing Circle rate of Land in Rs./Sq. Mtrs. (Rate per Sq. Yard x 1.196)	Amount Rs.	Remarks
1	Baliaputtuga	477.334	486.83	9,496.00	1.05000	9,970.80	1,922.13	2,298.86	2,29,21,510.42	
2	Baliaputtuga	486.830	496.930	10,100.00	1.30000	13,130.00	1,922.13	2,298.86	3,01,84,080.70	
3	Sunnadevi	496.930	518.772	21,842.00	1.40000	30,578.80	102.27	122.31	37,40,243.48	
4	Venkatapuram	518.772	526.722	7,950.00	1.50000	11,925.00	147.73	176.69	21,06,969.58	
5	Venkatapuram	526.722	532.049	5,327.00	1.60000	8,523.20	147.73	176.69	15,05,922.27	
6	Crossing at Km 486.600			60.00	1.00000	60.00	1,922.13	2,298.86	1,37,931.82	
7	Crossing at Km 493.925			60.00	1.00000	60.00	102.27	122.32	7,339.09	
8	Crossing at Km 495.980			60.00	1.00000	60.00	102.27	122.32	7,339.09	
9	Crossing at Km 503.930			60.00	1.00000	60.00	102.27	122.32	7,339.09	
10	Crossing at Km 516.723			60.00	1.00000	60.00	147.73	176.69	10,601.10	
11	Crossing at Km 531.850			60	1.00000	60.00	147.73	176.69	10,601.10	
	Total			55,075						
Total Amount										6,06,39,878
License Fees (Rs./month) = 6,06,39,878/(10*12)										5,05,332.3
Total License Fees for 5 years = 5,05,332*12*5										3,03,19,939
Total License Fees payable by for laying of Drinking Water Pipelines along and across NHAI from Km 477.334 to Km 532.100 in the State of Andhra Pradesh ----->										1,00,05,580
(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.1,88,19,905*33%)										

Performance Bank Guarantee Amount calculation

Amount of Performance Bank Guarantee to be submitted = Total Number of Route Meters x Rs. 500/- per route meter meter (>1000mm dia / width) i.e. 55,075 Mtrs. x Rs. 500

1,37,68,750

07/02/22

Dy. Manager (T)

[P. Siva Sankar]

GM (T) & Project Director



LION ENGINEERING CONSULTANTS PRIVATE LIMITED

"Contributing in Building the Infrastructure of the Nation"

CIN No. U74999MP2020PTC050788

Project Office:

Lion Engineering Consultants
Sri Sobha Rani Nilayam, 2nd Floor,
Opp. Durga Temple,
Kushalpuram, Etcherla (Mandal),
FareedhiPela (Post),
Srikakulam (Dist) (AP)-532410
Email:

Letter No. LION/IE-0819/2019/NHAI-SC-NIP/508

To
The Project Director,
National Highways Authority of India
PIU, Visakhapatnam
Km.2/8, Hanumanthavaka,
VISAKHAPATNAM-530040. Andhra Pradesh.
Email:-nhaipiuvsp@gmail.com

Uy.M (T)	✓
PS(MLN)	
PS(VL)	
PA(RVG)	
ACCTS	
SE	

Dated 23.12.2020



Sub: "Independent Engineer Services for National Highway Stretches under Bundle-1 of Tolling, Operation and Maintenance & Transfer (TOT) Projects in the state of Andhra Pradesh & Gujarat" - (IE Package-3 for the section Icchapuram - Narasannapeta (484+000 to 580+700) in the state of Andhra Pradesh Water Gird Project - Providing drinking water supply scheme to Uddanam area of Srikakulam District - Laying of Drinking Water pipelines along and across NHAI- Permission Check the personal and submit your detail Report- Reg

Ref: 1) Your Letter No NHAI/PIU-VSP/RWS-Uddanam/2019/6698 on dated:-18.12.2020

Dear Sir,

With reference to the above subject, The IE verified the documents of Rural Water Supply and Sanitation Department (RWS&S) Srikakulam for proposal seeking permission laying of Drinking water pipelines along and across NHAI from Km 477.334 to 532.100 (RHS), In Icchapuram, Sompeta, Kanchili, Kavity, Palasa, Vajrapukotturu & Mandasa in Srikakulam District, and submitting the report here with as per the guidelines issued by the Ministry vide letter no RW/NH-33044/29/2015/S&R @ dated 22.11.2016.

1) The proposal is regarding permission for laying water supply pipe line starts from Km 477+334 to 532+100, in length of 54.766 km, the work carried on the 29 m from road centre, RHS, location preferably close to the extreme edge of ROW.

2) The ROW details as per available records are 60mts.

3) The proposal has been submitted with open trench method along the highway,

4) The NH crossings with HDD method of length 59 meters,

5) An agency has submitted previously through wide letter no Lr.Rc.372 / Uddanam Project /NHAI - Permissions / AEE -2 /2020 -21 .Dt. 4/11/20 ,the Location Map ,Breef details of the project ,Agreement with Government of Andhra Pradesh , Details of layout drawing , Details of crossings & methodology for laying of pipe line across the highway - NH 16 from RHS to LHS. by HDD method. Details of traffic management & Details of cross section

6) An agency has submitted now current letter no Letter.No: 372 / Uddanam Project /NHAI - Permissions / AEE -2 /2020 -21 .Dated. 08/12/20, The necessary checklist with

signature, undertaking for Bank Guarantee , Not to damage to existing structures / Other utilities , shifting of water pipe lines as and when required by MORTH at applicant's own cost , shifting due to 6 laning / widening of NH .

7) The submitted licence fee estimate calculation are wrongly, The Revised calculation attached here with this letter.

Keeping in view of the above, IE opinion that, after receiving of signed copy of the revised calculation sheet from the agency , the permission may be accorded to Rural Water Supply and Sanitation Department (RWS&S) Srikakulam for proposal seeking permission laying of Drinking water pipelines along and across NHAI from Km 477.334 to 532.100 (RHS), In Icchapuram, Sompeta, Kanchili, Kavity, Palasa, Vajrapukotturu & Mandasa in Srikakulam District in the state of Andhra Pradesh.

However, the Competent Authority may take appropriate decision to permit.

Thanking You,

Yours sincerely,

For & On Behalf of M/s Lion Engineering Consultants Private Limited

Y. Rajkumar Babjee
Y. Rajkumar Babjee 23/12/2020
(Team Leader)



Enclosure:- Corrected Specification Report

Copy for information:

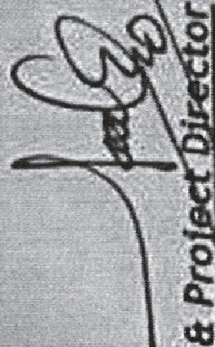
- 1) Corporate Office, Lion Engineering Consultants Private limited, Bhopal.
- 2) Authorized Signatories, Safeway Concessions, Pidimgoyyapanchayat, Rajahmundry-533107 (EG). Email: safeway.ap@safewayconcessions.com

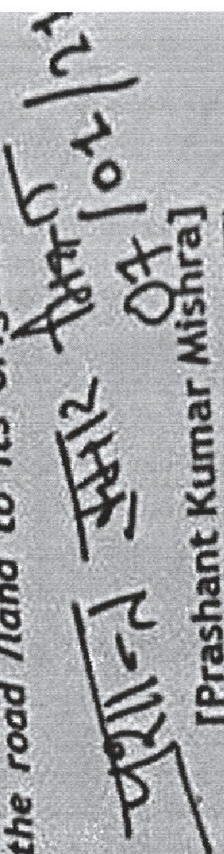
CERTIFICATE

This is to certify that the proposal for laying of Drinking Water Pipelines along and across NH-10 from Km 477.334 to Km 532.100 under drinking water supply scheme to Uddanam Area of Srikakulam District 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 " since the agency shall shift / relocate the utility as per Point No. 21 of the License deed which stipulates that "The licensee shall shift the Utility services within 90 days (or as specified by the respective authority) from the date of issue of the notice by the concerned authority to shift / relocate the Utility Services, in case it is so required for the purpose of improvement / widening of the road / route / highway or construction of flyover / bridges and restore the road /land to its original conditions at his own cost and risk."


GM (T) & Project Director


[Prashant Kumar Mishra]

Dy. Manager (T)

Check list for getting approval for laying of water supply pipe line Crossings @ Km. in the section of Itchchapuram-Srikakulam Section of NH16 in the state of AP .

S No	Item	Information/Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	SE,RWS&S,Srikakulam Circle,Srikakulam,AP	
1.2	National Highway Number	NH-16	
1.3	State	AP	
1.4	Location	Itchchapuram-Palasa (Bendi GateArea) Vizag Section of NH	
1.5	(Chainage in km)	477/334 to 532/049--Along the NH-16 and Across the NH-16	
1.6	Length in Meters	54715 mtrs	
1.7	Width of available ROW	Enclosed	
	(a) Left side from center line towards increasing chainage/km direction	---	
	(b) Right side from center line towards increasing chainage/km direction	---	
1.8	Proposal to lay underground water Pipe Line	---	
	(a) Left side from Center	---	
	(b) Right side from center line	yes	
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	---	
1.11	Details of already laid services, if any along the proposed route	---	
1.12	Number of lanes (2/4 / 6/8 lanes) existing	4	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 / 6/8 lanes)	---	
1.14	Service road existing or not	List -Enclosed	
	If yes then which side	---	
	(a) Left side from center line	---	
	(b) Right side from center line	---	

1.15	Proposed Service road	---	
	(a) Left side from center line	---	

[Signature]
Superintending Engineer
RWS&S, Circle Srikakulam

[Signature]
NHAI Dym(7)

[Signature]
Y. R. G. Kumar Reddy
LEC - TOT - TL

[Signature]
Executive Engineer
RWS&S, Division Palasa

Project Director
National Highways Authority of India

	(b) Right side from center line	---	
1.16	Whether proposal to lay Water Supply Pipe line is after the Service road or between the Service road and main carriageway	---	
1.17	<p>The Permission for laying of Water Supply Pipe Line shall be considered for approval / rejection based on the Ministry Circulars mentioned as above. (a) Carrying of Sewage / Water Supply pipelines on highway bridges shall not be permitted as Fumes / gases pipes can accelerate the process of corrosion may cause explosions, thus, being much more injurious than leakage of Water. (b) Carrying of gas Water pipe lines on bridges shall also be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized, they may be permitted to carry the pipeline on independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free space around the superstructure of the bridge remains available for inspection and repairs, etc (c) Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency- in - charge of the utilities. (d) Services are not being allowed indiscriminately on the parapet/any part of the bridges, safety of the bridges, safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's project CE only</p>	ACCEPTED	

28/12/2020
Superintending Engineer
RWS&S, Circle Srikakulam

PRINCE JHR THIRU
Dym (7)
NHAI

Y. Rajkumar Reddy
LCC - TDR - II

Executive Engineer
RWS&S, Division Palasa

Project Director

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

1.18	If Crossings of the road involved 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	BY HDD-METHOD -WITH /ENCASING -PROVIDED	
	(a) Existing drainage structures shall not be allowed to carry the lines.	yes	
	(b) Is it on a line normal to NH	yes	
	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures	MORE THAN 15 Mtrs	
	(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.	yes	
	(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 extend from drain to drain in cuts and toe of slope toe of slope in the fills.	yes	
	(g) The top of the Casing/conduit pipe should be atleast 1.2meter below the surface of the road subject to being at least 0.3m below the drain inverts.	Cross Section-Drawing-- Enclosed	
	(h) Crossing shall be by boring method (HDD) Specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	HDD	
	(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.	COMPILED	

Superintending Engineer,
RWS&S, Circle Srikakulam

गुण-न शहीर ठाण
गुण-न
NHA I

J. R. Kumar Bala
LCC - TOT - TL

Executive Engineer
RWS&S, Division Palasa

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

2	Document/ Drawings enclosed with the Proposal		
2.1	Cross Section showing the size of trench for open trenching method (Is its normal size of 1.2m deep X 0.3m 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 centre-lines of the nearest carriageway (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 0.6meter below the ground levelso as not to obstruct drainage of the road land.	Enclosed	The crossing beneath the structure shall be by HDD method at the depth of 2m of the foundation's fill level.
2.2	Cross section showing the size of pit and location of cable for HDD method	Enclosed	
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.,	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	Enclosed	
	(a) The trench width should be at least 30cm, but not more than 60cm wider than the outer diameter of the pipe.	Will be Complied	
	(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.	Will be Complied	

Superintending Engineer
RWS&S, Circle Srikakulam

Executive Engineer
RWS&S, Division Palasa

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

	(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.	Will be Complied	
	(d) The side-fill shall consist of granular Material laid in 15cm layers each consolidated by mechanical 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 had 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	Will be Complied	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Will be Complied	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	Will be Provided,if required	
2.4.2	Horizontal Directional Drilling (HDD) Method	HDD	
2.4.3	Laying of Water Supply Pipe Line through CD Works and Method of laying	Separate Sheet -Enclosed	
	(a) On approaches, the gas mains/cables shall be carried along a line as close to the edge of the right-of-way as possible up-to a distance of 30m from the bridge and subject to all other stipulations contained in this Ministry's guidelines issued with letter No. NH-HI/P/66/76 dated 19.11.1976		
3	Draft License Agreement signed by	Enclosed	
	two witness		

28/12/2020
Superintending Engineer
RWS&S, Circle Srikakulam

Y. Rajkumar Reddy
28/12/2020
NH&I

28/12/2020
Executive Engineer
RWS&S, Division Palasa

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

3.1 3.2	Performance Bank Guarantee in favour of NHAI has to be obtained @Rs50/- per running meter(parallel to NH) and Rs 1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way .No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth	Will be provided ,After Approval	
4.1	Performance BG as per above is to be obtained.	After approval.	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Will be obtained after submission of BG.---	
5	Affidavit/ Undertaking from the Applicant for		
5.1	Not to damage to ther utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed	
5.2	Renewal of Bank Guarantee	Enclosed	
5.3	Confirming all standard condition of NHAI's guidelines	Enclosed	
5.4	Shifting of water supply pipe line as and when required by NHAI at their own cost	Enclosed	
5.5	Shifting due to 6-laing / widening of NH	Enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Enclosed	
5.7	Traffic movement during laying os water supply pipe line to be managed by the applicant	Enclosed	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	EE,RWS&S,, DIVISION OFFICE, PALASA	
5.9	Prior approval of NHAI shall be before	Enclosed	

28/12/2020
Superintending Engineer
RWS&S, Circle Srikakulam

28/12/2020
Jyoti
NHA-2

28/12/2020
RWS&S, Division Palasa

Executive Engineer
RWS&S, Division Palasa

Project Director
National Highways Authority of India
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	alterations to the showing Water Supply Pipe Line located in the National Highway right-of-ways.		
5.10	Expenditure if any incurred by NHAI for repairing any damage caused to the National Highway by the laying. Maintenance, or shifting of the water supply pipe line will be borne by the agency owning the line	EE,RWS&S,, DIVISION OFFICE, PALASA	
5.11	If NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given	UNDER TAKING IS 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-laing " We do undertake that I will relocate service Road/ approach Road/ utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six- laning or any other development.	Enclosed	
6	Who will sign the agreement on behalf of Water Supply pipeline agency	Executive Engineer, Palasa,RWS&S,Division, SriKakulam District.	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. Ministry Circular No. NH-41 (58)/(68) dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI 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 S7R (B) dated 17.9.2003	Enclosed	

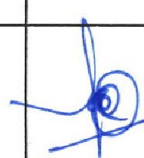
28/12/2020
Superintending Engineer
RWS&S, Circle Srikakulam

28/12/2020
Nym (1)
NHAI


Y.R. Ramar Babu
EE - TL - PDS


28/12/20
Executive Engineer
RWS&S, Division Palasa

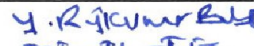
Project Director
National Highways Authority of India
P.U. VISAKHAPATNAM


7.2	<p>Certificate from PD in the following format</p> <p>(i) " It is certified that any other location of the Water Supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply 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".</p> <p>(ii) for 6-lanning</p> <p>(a) where feasibility is available "/ do ceryify 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 accomodation proposed six-laning".</p>	Enclosed	
8	<p>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 cable/duct has also been granted as a right if way to the concessionaire under the concession agreement for up- gradation of [----- section from Km----- to Km----- of NH No.----- Build, Opearate and Transfer Basis] and therefore, the licensess shall honour the same."</p>	Inserted	
9	Who will supervise the work of laying of water supply pipe line	RWS&S, Quality Control, Vijayawada, AP	
10	Who wil ensure that the defects in road portion after laying of Water Supply pipe line are corrected and if not corrected then what action will be taken.	Executive Engineer, Palasa, RWS&S, Division, SriKakulam District.	
11	Who will pay the claims for damages done/ disruption in working of concessionaire if asked by the concessionaire?	Executive Engineer, Palasa, RWS&S, Division, SriKakulam District.	
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).		

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


 28/12/2020
 Superintending Engineer
 RWS&S, Circle Srikakulam


 28/12/2020
 DGM (H)
 NHA-2



 28/12/2020
 TGT - TL - DCC


 28/12/2020
 Executive Engineer
 RWS&S, Division Palasa

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 then copy be enclosed	No Previous permissions were accorded.	
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Y. R. Srinivas Reddy
UG - POF - TL


28/12/2020
Superintending Engineer
RWS&S, Circle Srikakulam


28/12/20
Executive Engineer
RWS&S, Division Palasa

52115N JHR Datt
Dym(7)
NHR1.


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

Road Crossings through HDD & Maintenance & Service by RWS&S

From Km. (RHS) to Km. (LHS) Itchchpuram-Srikakulam (CHCHAPURAM-VIZAG) Section of NH-16

S.No	Proposed-Chainage	Location	Work Procedure	Feasible Chainage	ENCLOSED SHEETS	REMARKS
1	487.09	From Right to Left	HORIZONTAL DIRECTIONAL DRILLING	AT VUP-/486.600-487.0	Sheet-A	According to your Consultants(M/s.Lion Eng Consultants/SafeWay Concessions) remarks, We changed the locations of Pipe line Crossing- chainages (.Appended its Copies)
2	495.203	From Right to Left		495.980	Sheet-B	
3	503.93	From Right to Left		503.980	Sheet-C	
4	516.723	From Right to Left		516.723	Sheet-D	
5	532.1	From Right to Left		531.850	Sheet-E	
6	493.925	From Right to Left		493.925	Sheet-F	

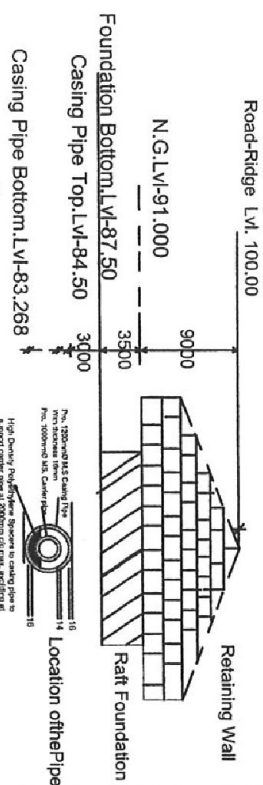
[Signature]
Dy. Executive Engineer
RWS&S, Sub-Division
Palasa (Projects)

[Signature]
Dy. Executive Engineer
RWS&S, Sub-Division
Sompeta (Projects)

[Signature]
Executive Engineer
RWS&S, Division Palasa

[Signature]
Superintending Engineer
RWS & S, Circle Srikakulam

EXISTING VUP OF CHAINAGE 486 /600---487 SHEET.A
PIPE LINE LAYING ACROSS THE NATIONAL HIGH WAY-16.
FOR UDHAANAM PROJECT ----(FEASIBLE-AT BENEATH OF THE STRUCTURE)



Our Pipe Line Will be Crossed the NH-16 at a Depth of 3.00m From Bottom of Raft Foundation Of Fly Over.(i.e. At A Depth of 7.5m From the Natural Ground Level of the Structure)

Superintending Engineer
RWS & S, Circle Srikakulam

FOR UDHAANAM PROJECT



Drive Pit

Superintending Engineer
RWS & S Circle Sivakulam

FOR UDHAANAM PROJECT



SECTION 'Y-Y'

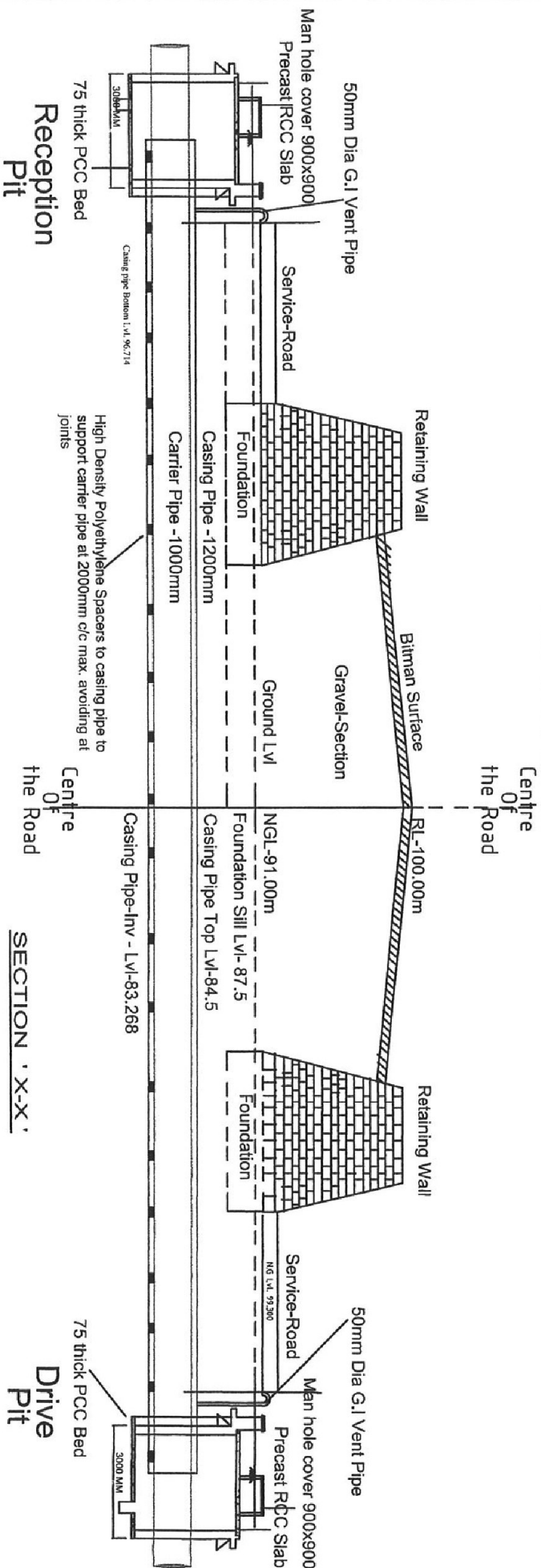
~~Executive Engineer
MWS&S, Division Palasa~~ 7/12

Superintending Engineer
RWS & S, Circle Srikulam

FEASIBILITY AT CHAINAGE 516 / 723 PIPE LINE LAYING ACROSS THE NATIONAL HIGH WAY -16.

SHEET.D

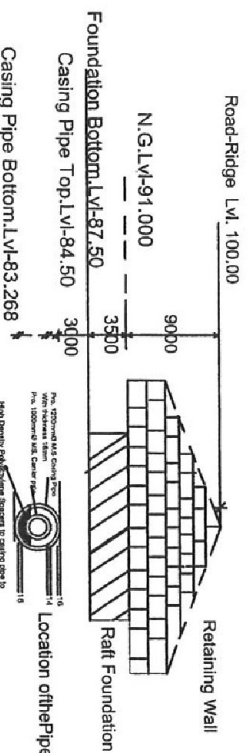
FOR UDHAANAM PROJECT



Our Pipe Line Will be Crossed the NH-16 at a Depth of 3.00m From Bottom of Raft Foundation Of Fly Over.(i.e. At A Depth of 7.5m From the Natural Ground Level of the Structure)

SECTION - Y-Y'

The existing 1000mm dia. carrier pipe is to be replaced by 1200mm dia. carrier pipe. High Density Polyethylene Spacers to casing pipe to support carrier pipe at 2000mm c/c max. avoiding at joints.



SECTION - X-X'

75 thick PCC Bed
3000 MM

Dy. Executive Engineer
RWS&S, Sub-Division
Palasa (Projects)

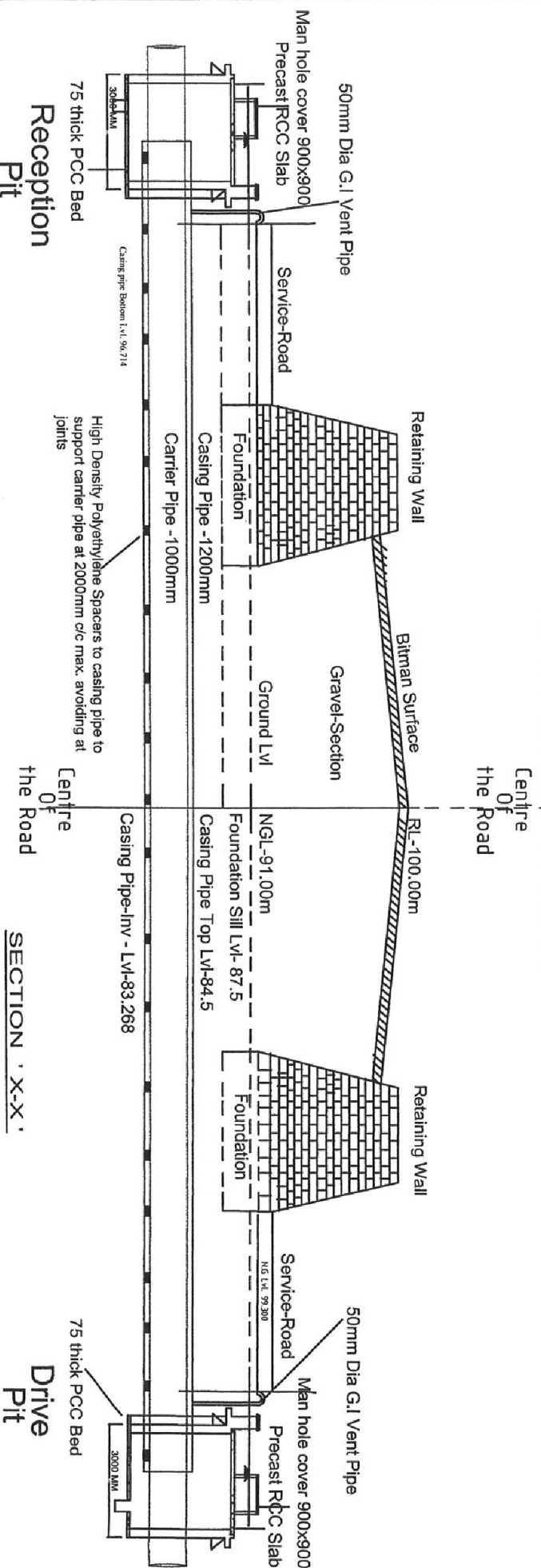
Dy. Executive Engineer
RWS&S, Division Palasa

Superintending Engineer
RWS & S, Circle Srikakulam

FEASIBILITY AT CHAINAGE 531 /850 SHEET.E

PIPE LINE LAYING ACROSS THE NATIONAL HIGH WAY -16.

FOR UDHAANAM PROJECT



Our Pipe Line Will be Crossed the NH-16 at a Depth of 3.00m From Bottom of Raft Foundation Of Fly Over.(i.e. At A Depth of 7.5m From the Natural Ground Level of the Structure)

SECTION 'Y-Y'



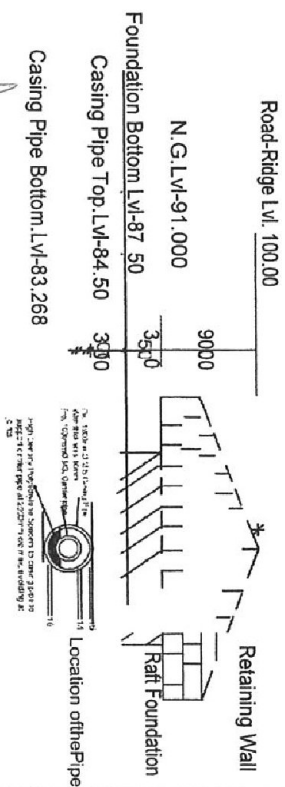
Location of the Pipe

Dy. Executive Engineer
RWS&S, Sub-Division
Palasa (Projects)

Dy. Executive Engineer
RWS&S, Division Palasa

Superintending Engineer
RWS & S, Circle Srikulam

FOR UDHAANAM PROJECT
Centre
of
the Road



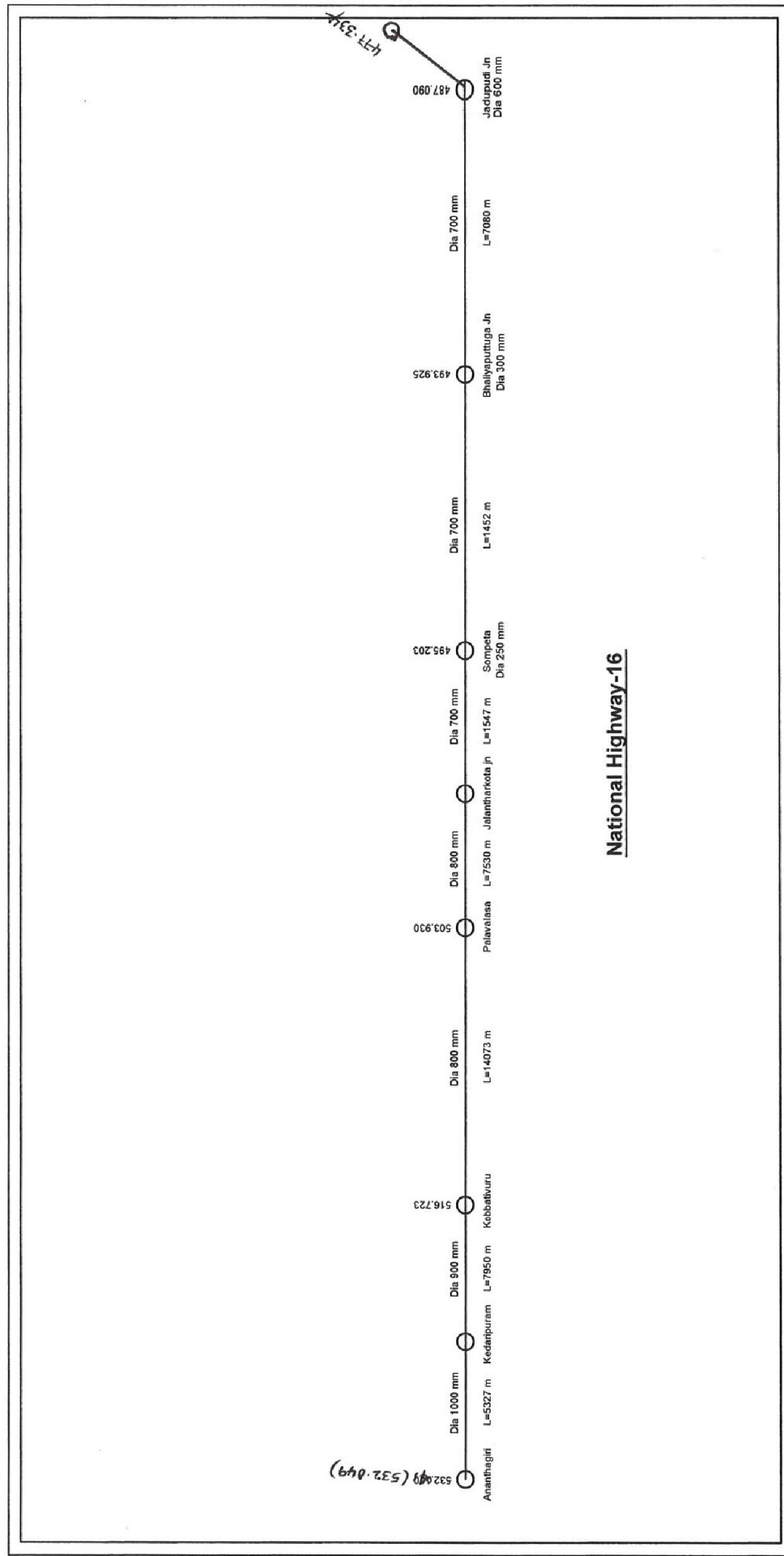
Our Pipe Line Will be Crossed the NH-16 at a Depth of 3.00m From Bottom of Raft Foundation Of Fly Over. (i.e. At A Depth of 7.5m From the Natural Ground Level of the Structure)

Dy. Executive Engineer
RWS&S, Sub-Division
Palasa (Projects)

~~Executive Engineer
MWS&S, Division Palasa~~

Superintending Engineer
RWS & S, Circle Srikulam

Demarcation



National Highway-16

K. Rajawade-BLR
UCC - TBT - TL

8/1/2020
Superintending Engineer
RWS & S, Circle Srikakulam
08/01/2020

11/1/2020
Executive Engineer
RWS & S, Division Palasa

8/1/2020
Dy. Executive Engineer
RWS & S, Sub-Division
Sompeta (Projects)

8/1/2020
Dy. Executive Engineer
RWS & S, Sub-Division
Palasa (Projects)