



# 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. 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/2020-21/363

Dt.15.02.2021

### INVITATION OF PUBLIC COMMENTS

**Sub:** RO - Vijayawada - Project Officer / EE, Andhra Pradesh Township and Infrastructure Development Corporation seeking permission for laying Water Supply Pipeline along National Highway from Km.601.840 to Km.605.340 of NH-16 at RHS in Srikakulam District for a length of 3500mt - Public comments - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of Andhra Pradesh Township and Infrastructure Development Corporation seeking permission for laying Water Supply Pipeline along National Highway from Km.601.840 to Km.605.340 of NH-16 at RHS in Srikakulam District for a length of 3500mt.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22<sup>nd</sup> 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](mailto: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.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

NHAI/PIU-VSP/APTIDCO/RO-VJA/2020/6910

Dt. 18.01.2021

To  
The Regional Officer,  
National Highways Authority of India,  
Regional Office, Gurunanak Nagar,  
Teachers Colony,  
VIJAYAWADA.

80 JAN 2021

513

Sub: NHAI, PIU, Visakhapatnam - 6-laning of Narasannapeta - Ranastalam section of NH-16 from design Km.580.671 (Existing Km.580.700) to design Km.632.861 (Existing Km.634.000) in the state of Andhra Pradesh under NHDP Phase-V on Hybrid Annuity Mode - Construction of 4384 EWS units at Patrunivalasa in Srikakulam District - Providing of external water supply system to the colony from the source of Nagavali River - Request for issuing NOC - Reg.

Ref: (1) AS, M/s. APCO Arasavalli Expressway Pvt., Ltd., Lr.No. AAEPL/NR- APCO/ NHAI/2020-21/1413 Dt. 31.12.2020.  
(2) IE, M/s. LEC Lr.No. LION/IE-0418/2018/NHAI-APCO-NR/1374 Dt. 22.12.2020.  
(3) This office Lr.No. NHAI/PIU-VSP/IE/Nar-Ran/APTIDCO WPL/2020/6654 Dt. 14.12.2020.  
(4) Lr.No. 09/PO/APTIDCO/SKLM/2020/198 Dt. 10.12.2020 received from PO/EE/APTIDCO, Srikakulam.

Sir,

- The Project Officer / EE, APTIDCO, Srikakulam vide Ref : 4 cited above, has submitted a proposal with a request to accord permission for laying of pipeline abutting to NH to provide external water supply system to the colony from the source of Nagavali River to the 4384 EWS Units at Patrunivalasa in Srikakulam District under Housing Scheme in the "Navaratnalu - Pedalandariki illu" by the Hon'ble Chief Minister, Govt., of Andhra Pradesh.
- The proposal has been inspected and verified by M/s Lion Engineering Consultants and submitted their recommendations vide their letter under reference 2<sup>nd</sup> cited above (copy enclosed) as per the guidelines and submitted their recommendations as follows:
  - The proposed 400 mm diameter DI water supply pipeline abutting to the NH-16 from Km 601.840 to Km 605.340 in Srikakulam District in Andhra Pradesh State at RCW (Kolkata - Chennai Corridor);
  - The ROW details as per the available records is 60M from Km.601.000 to Km.606.000;
  - The check list submitted the APTIDCO is duly verified against Ministry Circular No.RW/NH-33044/29/2015/S&R® dated 22.11.2016 for relevant information against each item and are found correct.

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>



3. The following documents are submitted by the Agency as per the norms and to be followed at site.
- (a) Proposal letter
  - (b) Check list;
  - (c) Undertaking to take all the actions as prescribed in Appendix-I of the Ministry Guidelines;
  - (d) Undertaking as per S.No. 5 of checklist;
  - (e) Indemnity Bond against all damages and claims as per S.No. 5.6 of Checklist;
  - (f) Certificate for 6-Laning;
  - (g) Undertaking to pay necessary license fee;
  - (h) License Agreement;
  - (i) Certified copy of layout plan;
  - (j) Certified copy of location plan;
  - (k) Certified copy of Index map;
- 3.1 Further the subject stretch is in 6-Laning project from Narasannapeta - Ranasthalam and hence the consent of the Concessionaire M/s. APCO cited under Ref:1, is enclosed herewith.
4. However, Calculations of the license fee statement in line with MoRTH guidelines has been computed by this office and enclosed.
5. Keeping in view of the recommendations of the Consultants and subsequent site visit on 01.01.2021, the proposal submitted by the APTIDCO, Srikakulam for permission for laying of 400 mm dia DI water supply pipeline abutting NH-16 from Km 601.840 to Km 605.340 in Srikakulam District in Andhra Pradesh State at RCW (Kolkata - Chennai Corridor) is herewith recommended for according necessary approval of the Competent Authority please.


Yours faithfully,

  
P. SIVA SANKAR  
GM (T) & Project Director

Encl: (1) Proposal in two sets (1+1) & Copy of letters under Ref : 1 & 2.

## CERTIFICATE

- 1 It is certified that the proposal for "laying of 400 mm dia DI water supply pipeline abutting NH-16 from Km 601.840 to Km 605.340 in Srikakulam District in Andhra Pradesh State at RCW (Kolkata - Chennai Corridor)" is confirming of all the standard conditions / guidelines issued vide Ministry circular No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016.
- 2 It is certified that any other location of utility line would be extremely difficult and unreasonable costly and installation of utility line within ROW will not adversely affect the design, stability and traffic safety of the Highway nor the likely future improvement such as widening of the carriageway easing of curve etc.
- 3 I will notify / forfeit the BG for claims for damages done / disruption in working, if any.
- 4 It is also certified that the details of the proposed permission shall be entered in the Register of Records of the permission maintained by PIU.

  
P. SIVA SANKAR  
GM (T) & Project Director  
NHAI, PIU, Visakhapatnam



# ANNEXURE - I

## Calculation of License Fees & Performance Bank Guarantee Amount

Proposal for granting of permission for Laying of 400 mm diameter DI water supply pipeline abutting to the NH-16 from Km 601.840 to Km 605.340 in Srikakulam District in Andhra Pradesh State at RCW (Kolkata - Chennai Corridor) in Visakhapatnam District of Andhra Pradesh under the jurisdiction of NHAI, PIU, Visakhapatnam

Sl. No.	Name of Village	Chainage		Length route Mtrs.	Width Mtrs. (400mm)	Utilized NH Land Area Sq. Mtrs.	Prevailing Circle rate of Land in Rs./Sq.Yard (As per Revenue Records)	Prevailing Circle rate of Land in Rs./Sq.Mtrs. (Rate per Sq.Yard x 1.196)	Amount Rs.	Remarks
		from km	to km							
1	Chaparam and Balaga	601.840	605.340	3,500	0.75	2,625.00	1,714.87	2,051	53,83,834	
Total Amount										
License Fees (Rs./month) =						53,83,834 /10x12				
Total License Fees for 5 years =						44,865 x12x5				
Total License Fees payable by APTIDCO ----->										
The Licence fee for public utilities shall be 33% of the fee prescribed for Industrial utilities as per point 5 of MoRTH guidelines vide Lr.No. RW/NH/33044/29/2015/S&R(R) dt. 22.11.2016										
Performance Bank Guarantee Amount calculation										
Amount of Performance Bank Guarantee to be submitted = Total No. of route meters x Rs. 250/- per route meter (>300 mm dia/width ) i.e. 3500 x Rs.250/- = 8,75,000/-										
Performance Bank Guarantee Amount = 8,75,000/-										
									8,88,333	

uptd - 28/12/2016  
By M (7)

  
PROJECT DIRECTOR

## UNIT RATES - VILLAGE WISE

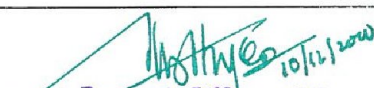
Survey No. Wise Details

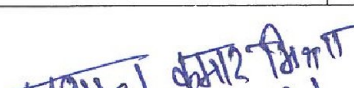
District Name	SRIKAKULAM		Mandal Name	SRIKAKULAM	
City/Town/Village	BALAGA (RURAL)				
S.No.	Survey No.	Sub No.	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)	
1.	146	/	8,300,000	10/08/2020	

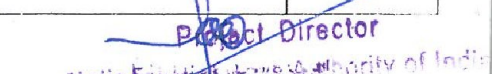
[Back](#)

# CHECK-LIST

Sl.NO	ITEM	Information /status	Remarks
1	General information		
1.1	Name and Address of the Applicant/Agency	PROJECT OFFICER/ EXECUTIVE ENGINEER APTIDCO, SRIKAKULAM.	
1.2	National Highway Number	16	
1.3	State	ANDHRA PRADESH	
1.4	Location	SRIKAKULAM ✓	
1.5	(Chainage in Km)	Km 601.840 to Km 605.340	
1.6	Length in Meters	3.50KM ✓	
1.7	Width of available ROW		
	(a)Left side from center line towards increasing Chainage/km direction	30M ✓	
	(b)Right side from center line towards increasing Chainage/km direction	30M ✓	
1.8	Proposal to lay underground Water Supply 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	29M ✓	
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 said where land is not to be acquired	NA	
	If not then where to lay the cable	NA	
1.11	Details of already laid services, if any, along the proposed route		
1.12	Number of existing lanes (2/4/6/8/ lanes)existing	4 Lanes and 6 lanes is in progress	
1.13	Proposed number of lanes (2 lane with paved shoulders /4/6/8 lanes	6-Lanes	
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 land		
	(A)Left side from center line	-	
	(B) Right side from center line	Yes	
1.16	Whether proposal to lay the utility is after the service road or between the service road and main carriageway	No	After the service road.
1.17	Whether carrying of sewage pipeline has been proposed on highway Bridges. If Yes. then mention the methodology proposed for the same.	NA	
1.18	Whether carrying of sewage pipeline has been proposed on the Parapet/any part of the bridges. If Yes. Then mention the methodology proposed for the same.	NA	
1.19	<b>If crossing of the road involved</b> If yes it shall be either encased in pipes or through structure of conduits specially built for that purpose at the expenses of the agency owning the line	NA	

  
 Project Officer/EE  
 APTIDCO  
 SRIKAKULAM  
 10/11/2020

  
 DyM

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



2	Document/Drawing enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2m deep x 0.3m wide) i) should not be greater the 60 <sup>cm</sup> wider than the out 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 Not shall these be laid over the existing culverts and bridges. iv) these should be so laid that their top is lease 0.6meter below the ground level so as not to obstruct drainage of the road land.	Enclosed	
2.2	Cross section showing the size of pit and location of cable for HDD method	NA	
2.3	Strip plan/Route Plan showing the utility / Water pipe line .Chainage. Width of ROW .distance of proposed pipe line 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.	YES	
	a) The trench width should be at least 30cm, but not more than 60cm 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 30cm. It shall consist of granular material free of lumps clods and cobbles and graded to veiled 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 backfill shall be completed in two stages (i) side -fill to the level of the top of pipe and (ii) overfill to bottom of the road crust.	Yes	
	d) The side-fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor 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	
	e) The road crust shall be built to the same strength as the existing crust on either side on the trench. Care shall be taken to avoid the formation of a dip at the trench.	Yes	
	f) The excavation shall be protected by flagman, signs and	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method	No	

Project Officer/EE  
APTIDCO  
SRIKAKULAM  
10/11/2020

Y211-2 10/11/2020  
dym (7)

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

2.4.3	Methodology for laying of pipeline through CD works and method of laying. In cases where the carrying of water pipe line on the bridge becomes inescapable.	NA	Through utility Corridor of Project
3	Draft License Agreement signed by two witnesses	YES	
3.1	The licensee fee estimate as per Ministry 'a guidelines issued vide circular No. RW/NH-33044/29/2015/S&(R) dated 22.11.2016.	YES	
4	Whether Performance Bank Guarantee as per Ministry 's Circular no.RW/NH-33044/29/2015/S&(R) DATED 22.11.2016 is obtained.	Given Undertaking	
4.1	Confirmation of BG has been obtained as per NHAI guidelines.	Given Undertaking	
5	Affidavit/Undertaking from the applicant for the following is to be furnished.		
5.1	Undertaking for not to Damage to other utility, If damage them to pay the losses either to NHAI or to the concerned agency.	YES	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MOR & H/NHAI.	YES	
5.3	Undertaking for Confirming all standard condition of Ministry Circulars and NHAI's guideline.	YES	
5.4	Undertaking for Indemnity against all damages and claims	YES	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	YES	
5.6	Undertaking that If any claim is raised by the concessionaire/contractor then the same has to be paid by the applicant.	YES	
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 showing water supply pipeline located in the National Highway right- of ways.	YES	
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 water supply pipeline will be borne by the agency owning the line.	YES	
5.9	Undertaking the text of the License deed is as per verbatim of MOR & H format (issued vide Ministry 's Circular No. RW/NH-33044/29/2015/S&R(R) Dated 22.11.2016)	YES	
5.10	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as Directorate of Electricity. Chief controller of Explosives. Petroleum and Explosive Safety Organization. Oil Industry Safety Directorate .state /Central Pollution Control Board and any other statutory clearances applicable. Before applying to Highway Administration.	YES	

Project Officer/EE  
APTIDCO  
SRIKAKULAM

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



5.11	If the MOR & H/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 MOR & H/NHAI at the cost of the agency owning by the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	YES	
5.12	<b>Certificate from the applicant in the following format</b> i)Laying of Water pipe line will not have any deleterious effect on any of the bridge components and roadway safety for traffic. ii) "we do undertake that I/we 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	
6	Who will sign the agreement on behalf of water supply pipe line agency.	PROJECT OFFICER/ EXECUTIVE ENGINEER APTIDCO, SRIKAKULAM.	
	Power of Attorney to sign the agreement is available or not		
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&(R0 dated 22.11.2016.	Enclosed	
7.2	<b>Certificate from PD in the following format</b> i)"It is certified that any other location of the Water pipe line would be extremely difficult and unreasonable costly and the installation of Water pipe line within ROW will not adversely affect the design stability & traffic safety of the Highway nor the likely future improvement such as wedding of carriageway, easing of curve etc." ii)for 6 -lining (a)Where feasibility is available "I do certified that will be no hindrance to proposed six- lining based on feasibility report considering proposed structures at the side location b)In case feasibility report is not available " I do certified that sufficient ROW is available at site accommodation proposed six -laning.	Enclosed	
8	If NH Section proposed to be taken up to NHAI on BOT basis a clause is to be inserted in agreement " the permitted highway on which licenses has been granted the right to lay Water pipeline/duct has also been granted as right of way to the concessionaire under the concession agreement for up-gradation of [NH-16 section from Km 580/670..to 634/860 Km of NH No 16 on build , operate and transfer basis ]and therefore, the licenses shall honor the same "	YES (HAM MODE)	
9	Who will supervise the work of laying of Water pipeline.		
	a)On behalf of the Applicant	PROJECT OFFICER/ EXECUTIVE ENGINEER APTIDCO, SRIKAKULAM.	
	b)On behalf of MOR & H/NHAI		

*[Signature]*  
Project Officer/EE  
APTIDCO  
SRIKAKULAM  
10/11/2020

*[Signature]*  
Dy M (T)

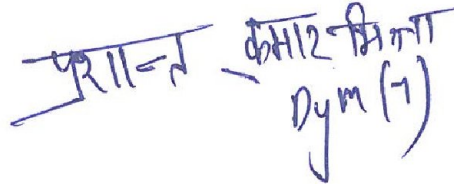
*[Signature]*  
Project Director  
National Highways Authority of India  
P.J.U. VISAKHAPATNAM



10	Who will ensure that the defects in road portion after laying of Water pipeline are corrected and if not corrected then what action will be taken.		
	a)On behalf of the Applicant	PROJECT OFFICER/ EXECUTIVE ENGINEER APTIDCO, SRIKAKULAM.	
	b)On behalf of NHAI	PD NHAI,VISAKHAPATNAM	
11	Who will pay claims for damages done/disruption in working of Concessionaire if asked by the concessionaire	PROJECT OFFICER/ EXECUTIVE ENGINEER APTIDCO, SRIKAKULAM.	
	On behalf of the Applicant		
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)	Enclosed	
13	If any previous approval is accorded for laying of underground Water pipe line then Photocopy of register of records of permissions accorded (as maintained by PD) be enclosed.	NILL	

  
 Project Officer/EE  
 APTIDCO  
 SRIKAKULAM  
 (Name Designation and signature of the Authorized representation of applicant)

(Name Designation and signature of the concerned field authority of NHAI/PWD/BRO)

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

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

### LICENSE FEE ESTIMATE

**Name of the work:** Towards license fee for Laying of 400mm dia DI Water Supply pipeline from Amadalavalsa Bridge to Sai Dental Collage National Highway-16 chainage at 601.840 to 605.340 of Kolkata to Chennai, NH-16 on RHS.

#### ESTIMATE-A

#### LICENSE FEE CHARGES

S.NO	Description	No	Measurements			Quantity	Rate	Per	Amount(In Rs)
			L	B	D				
1	2	3	4	5	6	7	8	9	10
1	Km 601.840 To 605.340	1.00	3500	0.75		2625	1816.40	Sqm	4768050
	Total								4768050
	License Fee (Rs./Sam/Month)	=4768050/10x12					39733.75	39733.75	
	License Fee for 5 Years	=5x12x39733.75						2384025	
	The license fee for public utilities shall be 33% of the fee prescribed for industrial Utilities as per point no.5 of MORTH guide lines vide letter No.RW/NH/33044/29/2015/S/&R(R)Dt.22.11.2016.								786728.25
	Rounding off								786730
	(Rupees Seven Lakh Eighty Six Thousand Seven Hundred Thirty Only)								

*Arathy S. Srinivas*  
Project Officer/EE  
APTIDCO  
SRIKAKULAM

*M. Srinivas*  
10/11/2020



Government Of Andhra Pradesh  
Registration And Stamps Department

Market Value Assistance  
(Duty & Fee Calculator)

Request No: 3348/2018

Date: 13/12/2018 16:49

SRO Name: 115 Srikakulam (O.B)

Dist Name: Srikakulam

Nature of the Document: Sale Deed (01-01)

Consideration Value of the Property:

Property Details:

Jurisdiction: SRIKAKULAM (O.B)-115

Village Name:	BALAGA (RURAL)		
Locality/Habitation:	BALAGA (RURAL)		
Classification:	Wet Land double crop	Property Type:	Agricultural Land
Door No:			
Survey No:	146/4A, 148/5A, 148/6, 148/7A, 148/8	Plot No:	
Extent:	1 Acres	Total Floors:	
Boundaries:	East:	West:	
	North:	South:	

Valuation Details:

Land Cost: 7350000	Structure Cost: 0	Market Value: 7350000
Unit Rate: 7350000/Acre	Valuation Code: 53	Taxable Value: Market Value

Duty & Fee Payable:

Stamp Duty: 367500	Transfer Duty: 110250	Registration Fee: 73500
--------------------	-----------------------	-------------------------

Project Officer/EE  
APTIDCO  
SRIKAKULAM

Authorized Signatory

Prepared By: BALANNA

Note: 1) This is the provisional statement providing the tentative information on MV, stamp duty & fee thereon as per the input given by the party. 2) This statement is not valid if it is found to be Prohibited as per section 22A of Registration Act. 3) The Value



### SPECIFICATION REPORT

Specification Report accompanying the estimate towards "license fee " for Laying of 400 mm dia DI water Supply pipeline from Amadalavalasa Bridge to Sai Dental collage National Highway-16 Chainage at (b/n KM 605.340 to 601.840) of Kolkata to Chennai ,NH-16 on RHS

Estimate Amount Rs.

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 chainges and breakup of village wise land rates are as follows:

Sl.No.	Name of village	Chainage (km)		Length (MTR)	Rate of land abutting NHA	
		From	To		Per Acre	Per Sqm
	Chaparam and Balaga Villages	601.840	605.340	3500	7350000	1816.40

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.RW/NH/33044/29/2015/S&R(R) Dt:22.11.2016.

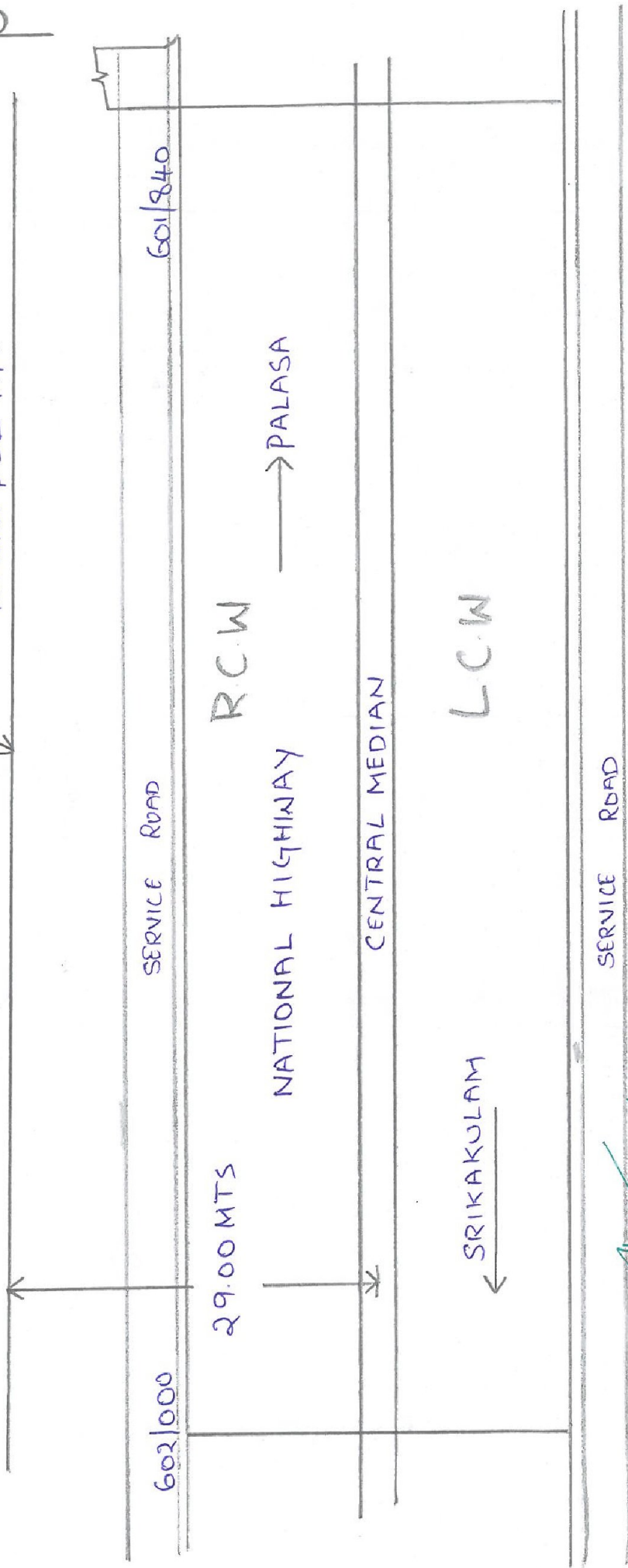
  
Project Officer/EE  
APTIDCO  
SRIKAKULAM  
  
17/12/2020

LAYING OF 400MM DIA D.I. PIPE LINE FROM AMADALAVLASA BRIDGE (NAGAVALI) TO SAI DENTAL COLLEGE ALONG NATIONAL HIGHWAY

STRIP CHART

SAI DENTAL  
COLLEGE

PROPOSED PIPE LINE  
400mm  $\phi$  D.I. PIPE

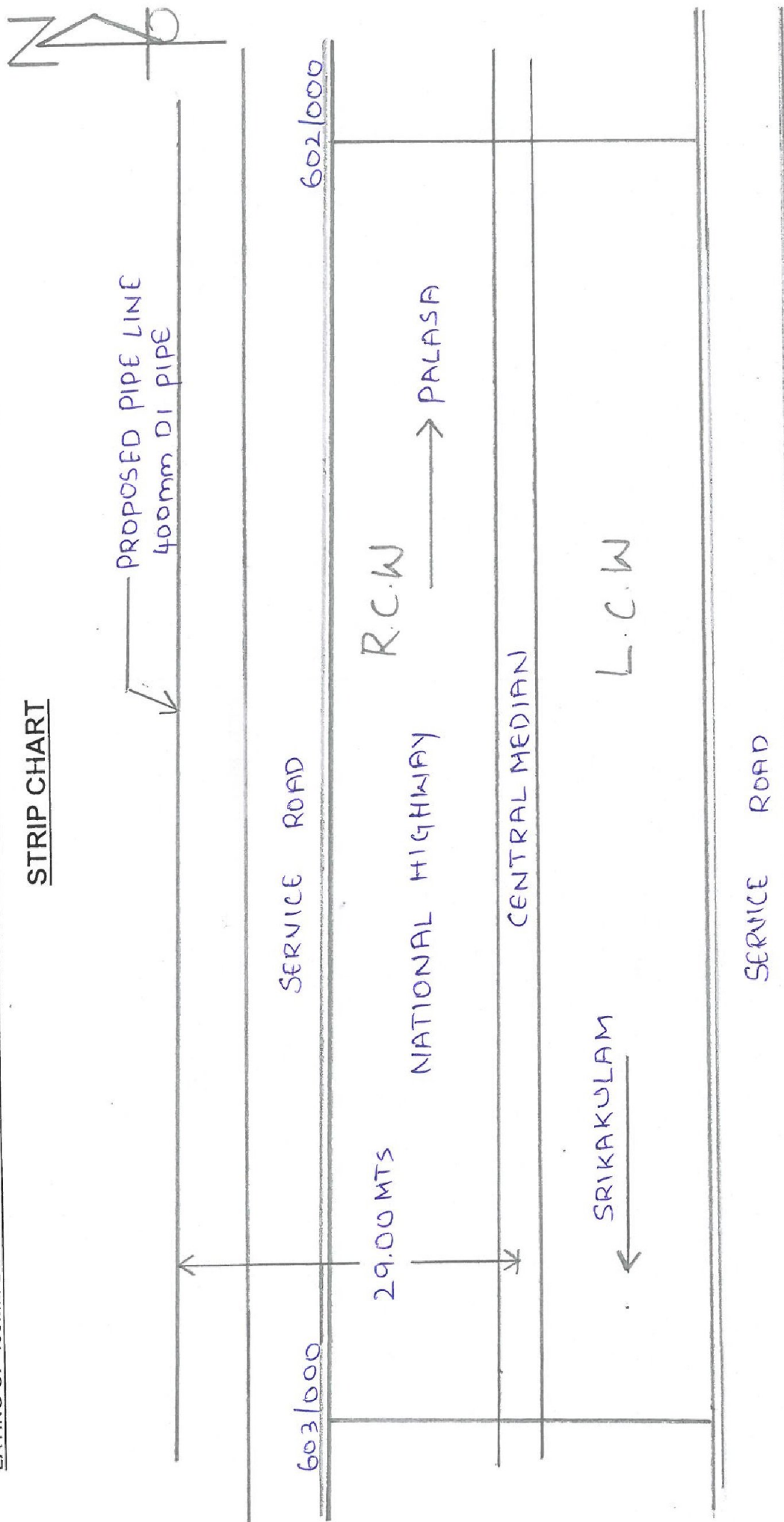


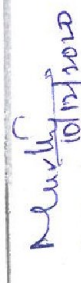
Dy. Technical Officer  
APTIDCO  
SRIKAKULAM


Project Officer/EE  
APTIDCO  
SRIKAKULAM

LAYING OF 400MM DIA D.I. PIPE LINE FROM AMADALAVLASA BRIDGE (NAGAVALI) TO SAI DENTAL COLLEGE ALONG NATIONAL HIGHWAY

### STRIP CHART



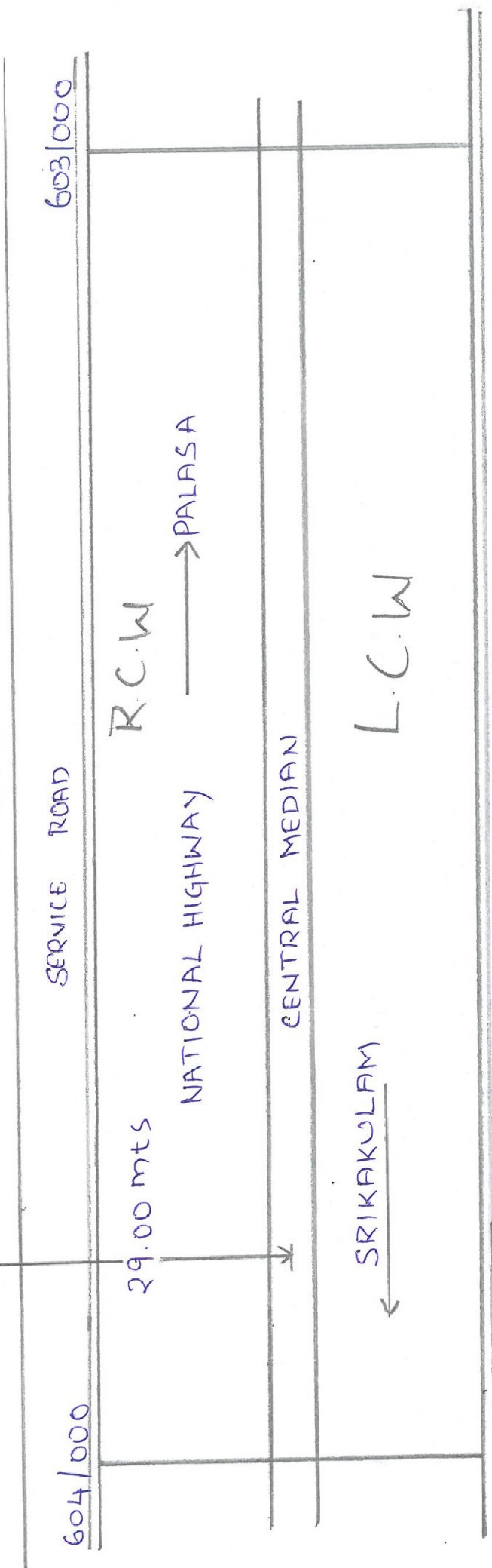
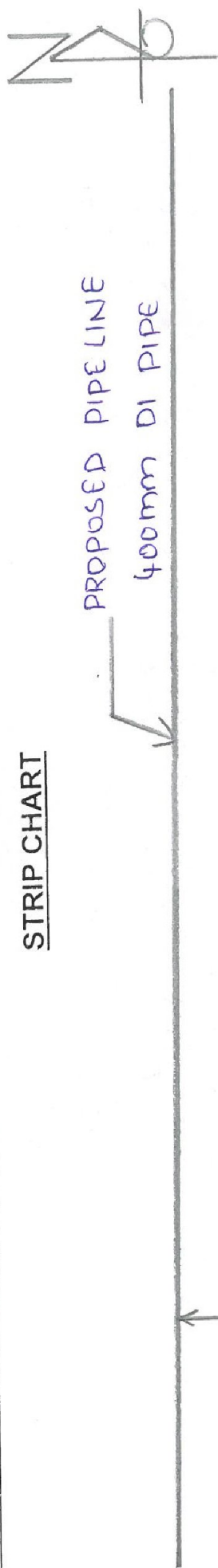
  
 Technical Officer  
 APTIDCO  
 SRIKAKULAM

  
 Project Officer/EE  
 APTIDCO  
 SRIKAKULAM



LAYING OF 400MM DIA D.I. PIPE LINE FROM AMADALAVLASA BRIDGE (NAGAVALI) TO SAI DENTAL COLLEGE ALONG NATIONAL HIGHWAY

### STRIP CHART



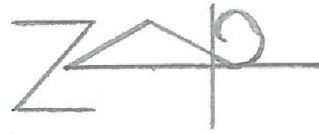
SERVICE ROAD

Murthy  
18/12/2020  
Dy. Technical Officer  
APTIDCO  
SRIKAKULAM

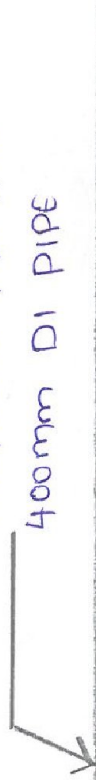
*[Signature]*  
Project Officer/EE  
APTIDCO  
SRIKAKULAM

LAYING OF 400MM DIA D.I. PIPE LINE FROM AMADALAVLASA BRIDGE (NAGAVALI) TO SAI DENTAL COLLEGE ALONG NATIONAL HIGHWAY

## STRIP CHART



PROPOSED PIPE LINE  
400mm DI PIPE



605/000

SERVICE ROAD

604/000

29.00mts

NATIONAL HIGHWAY

R.C.W. → PALASA

CENTRAL MEDIAN

← SRIKAKULAM

L.C.W

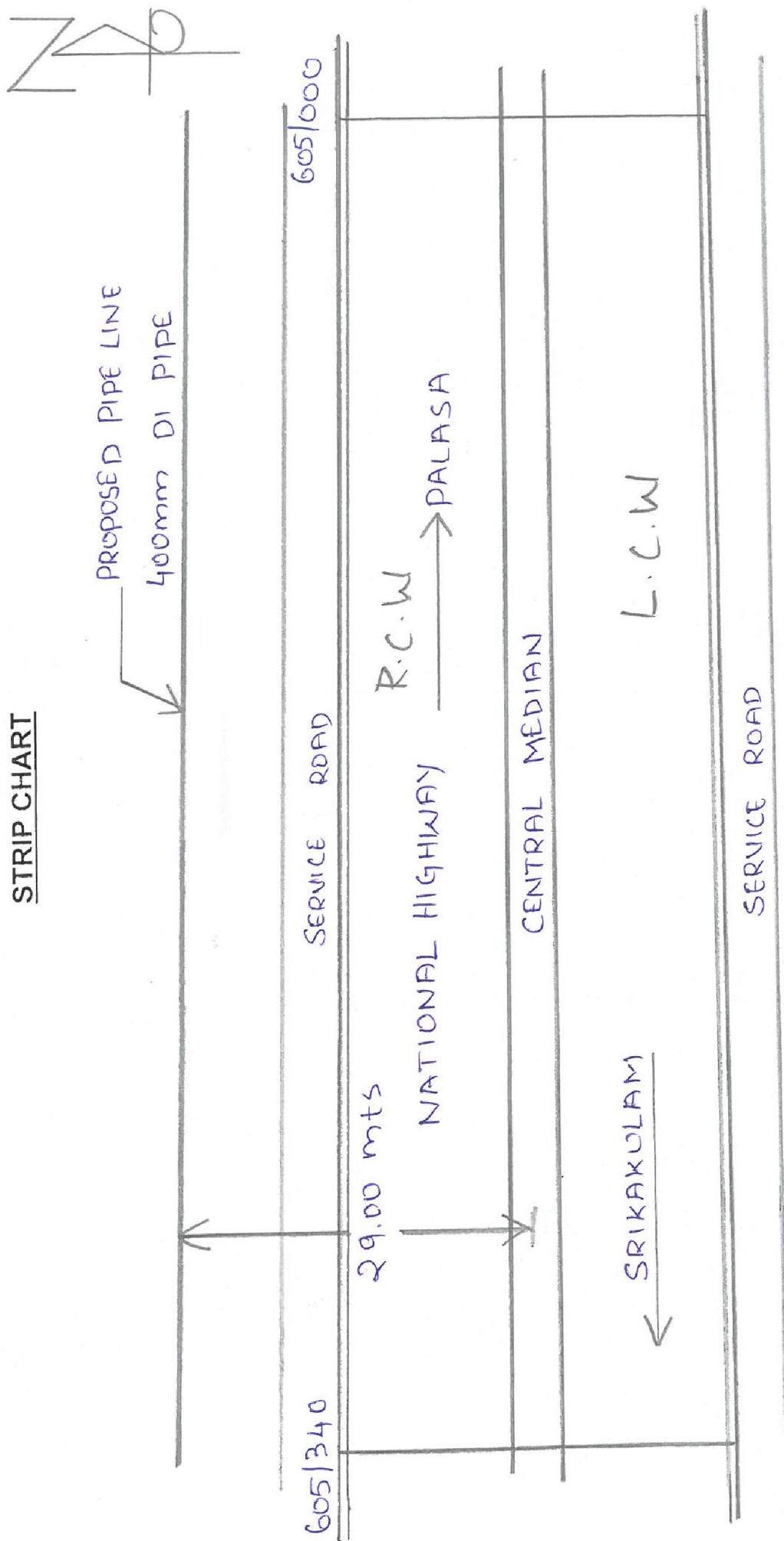
SERVICE ROAD

*Mark*  
10/12/2016  
Technical Officer  
APTIDCO  
SRIKAKULAM

*Mark*  
10/12/2016  
Project Officer/EE  
APTIDCO  
SRIKAKULAM

LAYING OF 400MM DIA D.I. PIPE LINE FROM AMADALAVLASA BRIDGE (NAGAVALI) TO SAI DENTAL COLLEGE ALONG NATIONAL HIGHWAY

### STRIP CHART



Murthy  
10/12/2020  
Dy. Technical Officer  
APTIDCO  
SRIKAKULAM

*Lighting Engineer*  
Project Officer/EE  
APTIDCO  
SRIKAKULAM





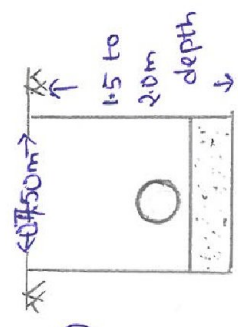
N.W:- Providing External

WATER SUPPLY TO

NTR-NAGAR COLONY (APTIDCO)

AT PATRUVINALLASA, SKLM.

1. 400mm  $\phi$  DI Pipe  
LENGTH 6.10km
2. INFILTRATION GALLERY - 1 NOS
3. INFILTRATION WELLS - 2 NOS
4. INTAKE WELL - 1 NOS
5. 500KL ELSR RESERVOIR



CROSS SECTION

Murthy  
10/12/2020  
Technical Officer  
APTIDCO  
SRIKAKULAM

*(Signature)*  
Project Officer/EE  
APTIDCO  
SRIKAKULAM