RO/VJA/Misc.24/B/OFC/S.No.78/72
Government of India
Ministry of Road Transport &Highways
Regional Office, Vijayawada
Door no. 38-2-3/2, Gorledalapanna Veedhi, Near American Hospital, Punnammithota
Vijayawada-520010. Tele: 0866-2970220; Fax: 0866-2571985

Dated:16.04.2021

Invitation of Public Comments

Sub: Water grid Project-Providing drinking water supply scheme to Uddanam area of Srikakulam District-Laying of Drinking water pipe line along and across NH 326A- NH Circle, Vijayawada-(R&B) NH Division Vishakhapatnam

Please find enclosed herewith the proposal in accordance with Ministry's latest guidelines dated 22.11.2016 forwarded by Chief Engineer (R&B), NH & CRF, A.P vide letter dated 12.03.2021 for laying drinking water supply scheme to Uddanam area of Srikakulam District-Laying of Drinking water pipe line along and across NH 326A.

2. As per the guidelines, issued by the Ministry vide Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the proposal for Highway crossing permission along & across National Highways shall be put out in the public domain for 30 days for seeking claims and objections on grounds of public inconvenience, safety and general public interest.

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

The Regional Officer,
Ministry of Road Transport and Highways,
Gorle Dalappana Veedhi,
Near American Hospital,Punnami Thota,
Vijayawada - 520010
Email id: romorthvijayawada@gmail.com

Yours faithfully,

Encl: As above

16/04/2021

(Ashutosh Gaur)
Assistant Executive Engineer
For Regional Officer

Copy to:

1) Senior Technical Director, NIC for uploading on the Ministry's website
2) Chief Engineer(R&B), NH &CRF, AP for information.
3) The Superintending Engineer(R&B), NH Circle, Vijayawada
4) The Executive Engineer(R&B), NH Division, Vishakhapatnam

GOVERNMENT OF ANDHRA PRADESH
ROADS AND BUILDINGS DEPARTMENT

From
V.Ramachandra M.Tech.,
Chief Engineer (R&B)
National Highways &CRF,
State HOD Offices Building Complex
M.G. Road, Vijayawada-10

To,
The Regional Officer,
Ministry of Road Transport and Highways
Door No. 38-2-3/2,
Gorle Dalapanna Veedhi,
Near American Hospital,
Vijayawada-520010

Lr No: Water Grid Project EE(NH&CRF)/DEE2/AEE2/2021 dated:12.03.2021

Sir,

Sub: (R&B) NH Circle, Vijayawada-(R&B) NH Division Vishakapatnam – Water grid project-Providing drinking water supply scheme to Uddanam area of Srikakulam District-Laying of Drinking water pipe line along and across NH326A -Approval Requested-Reg

Ref: 1) Lr No: 1357/RWS&S /Permissions/NH326A/T.O/2020 dated:16.02.2021 of SE/NH/VJA addressed to T/O
2) MoRTH Circular No.RW/NH-33044/29/2015/S&R (R) dated 22.11.2016

1. It is to inform that the SE/NH/VJA vide reference 1st cited has submitted a proposal of SE(RWS&S) Circle, Srikakulam for laying of 1000 mm dia Water Pipeline along the road of the NH326A from Km 3/200 to Km 4/470,Km 6/700 to Km 8/800 and Km 9/400 to Km 9/700 by Open trench Cutting Method and crossing the Highway at Km 8/800 by HDD method with a request to arrange approval for the NOC for the same form the Competent Authority.
2. The proposal of SE(RWS&S) Circle, Srikakulam as submitted by the SE/NH/Vijayawada has been examined in accordance with Ministry's Circular cited at 2nd reference.
3. The Estimated amount towards Performance Guarantee Charges to be paid by the Applicant and License fees/Lease rent to be collected for the usage of NH land based on Sub-Registrar Rates for the Land are corrected as per the Ministry's Circular cited in the 2nd reference are detailed below:

S. No	Description	As submitted by the SE/NH/VJA	As corrected by this office
1.	License fee for 5 years	9,05,156/-	12,71,817/-
2.	Performance Security	3,81,020/-	3,88,000/-

4. The Check-list, license deed, Undertaking, Methodology, Site plan, Cross section drawing etc are enclosed as part of proposal are found to be generally in order
5. In view of the above, the above proposal is herewith forwarded with a request to accord approval of the same at the earliest.

Encl: Proposal Booklet- 1 set

Yours faithfully,

For Chief Engineer(R&B)
NH&CRF

Copy to: 1. The Superintending Engineer(R&B) NH circle, Vijayawada for information.
2. The Executive Engineer(R&B), NH Division, Vishakhapatnam for information.

INSPECTION REPORT

The RWS&S, Circle Office (Govt. of AP) Srikakulam has submitted their proposals seeking permission for laying DRINKING WATER PIPE LINE along &across the road of the National Highway – 326A at Km 3/200-4/470, 6/700-8/800&9/400-9/700 of total length of 3.81Km (Villages of Hiramandalam). The site inspected along with the SE, RWS&S, Circle Office officials and report submitted as follows.

1. The SE,RWS&S, Circle Office (Govt. of AP) Srikakulam has submitted their proposals seeking permission for laying DRINKING WATER PIPE LINE across the road of the National Highway – 326A at Km 3/200-4/470, 6/700-8/800&9/400-9/700 of Patapatnam Village to Nowtala Village Jn of Srikakulam District in the State of Andhra Pradesh.
2. Underground DRINKING WATER PIPE LINE is proposed to cross the road of the National Highway – 326A at Km 3/200-4/470, 6/700-8/800&9/400-9/700 of total length of 3.81Km (Villages of Hiramandalam).
3. The Proposed site boundary is verified as per ROW and is found that it is inside of Extreme End of ROW of NH 326A.
4. During the inspection the Licensee was told to not to disturb the future 4 Lane Widening across NH – 326A. The Proposed Underground DRINKING WATER PIPE LINE does not effect to the future proposals like four laning / widening across NH-326A (New NH-326A) Road.
5. If the proposed DRINKING WATER PIPE LINE will obstruct the future proposal of NH four laning or any other development, they will relocate the DRINKING WATER PIPE LINE at their own cost notwithstanding the permission granted within such time as will be stipulated by (R&B) NH department.
6. The ROW varies in this Stretch at proposed location is 17 to 19.00 mts. (ROW 19m)
7. The Proposed DRINKING WATER PIPE LINE (40 inch) along with NH326A as per the drawing enclosed by the SE, RWS&S, Circle Office (A GOVT OF AP), Srikakulam.
8. The HDD method is used for laying of DRINKING WATER PIPE LINE across the road at KM 8/800 of 326A, Dhanupuram Village of HiraMandal.
9. The necessary documents are enclosed with the proposal.
10. The Water supply pipe lines where it crosses the structures should be out side structures and if any land acquisition required ,(where the NH Department is not having ROW) the RWS&S Department should acquire themselves.
11. Where the Water Pipe lines crosses the Road, First Higher Dia Casing Pipes to be laid, passing carrier pipes through it to avoid damage to the Road if any water leakages occurred in future.
12. If any development needs to this road, the RWS-Department has to shift their pipe line with their own cost.

Assistant Executive Engineer (R&B)
NH Section, Salur.

Deputy Executive Engineer (R&B)
NH Sub Division, Vizianagaram.

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

INDEX

ANNEXURE-1

NH-326A –Lay out Drawing

Check list /License Fees/Specification Report/Undertaking/License Agreement.

LAY OUT DRAWING OF PROPOSED PIPE LINE (1000mm-Dia)ALONG NH-326A FROM PATAPATNAM JUNCTION TO NOWTALA JUNCTION. BY RWS &S,SRIKAKULAM

proposed pipe line along NH326A

proposed pipe line by passing through Agri-fields

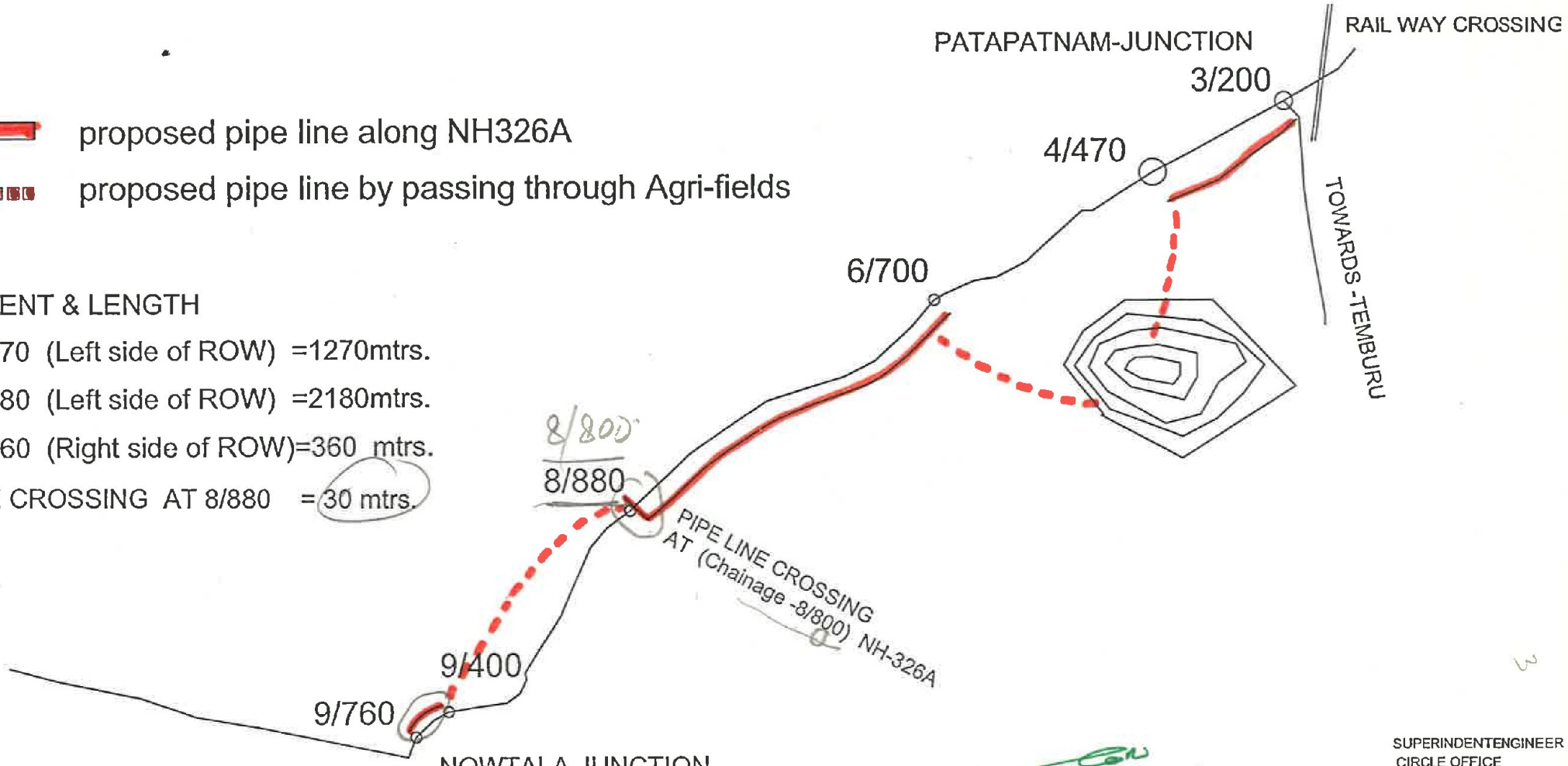
ALIGNEMENT & LENGTH

3/200- 4/470 (Left side of ROW) =1270mtrs.

6/700- 8/880 (Left side of ROW) =2180mtrs.

9/400- 9/760 (Right side of ROW)=360 mtrs.

PIPE LINE CROSSING AT 8/880 = 30 mtrs.



P.M. Rao
A.E (Rly) Alm proposal

G. Madhusudana Rao
Dy. Executive Engineer
RWS & S (Projects)

Executive Engineer
RWS&S, Division Palasa

Superintending Engineer
RWS&S, Circle Srikakulam
23/01/2021

SUPERINDENTENGINEER
CIRCLE OFFICE
RWS &S,SRIKAKULAM

Check list for getting approval for laying of water supply pipe line Crossings @ Km. in the section of Patapatnam -Nowtala Section of NH326A 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-326A**	
1.3	State	**AP**	
1.4	Location	**Patapatnam to Nowthala Jn**	
1.5	(Chainage in km)	**3/200-4/470,6/700-8/800&9/400-9/700**	
1.6	Length in Meters	**3810**	
1.7	Width of available ROW	**Enclosed**	
	(a) Left side from center line towards increasing chainage/km direction	**3/200-4/700,6/700-8/800**	
	(b) Right side from center line towards increasing chainage/km direction	**9/400-9/700**	
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	**No**	
	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	**2**	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 / 6/8 lanes)	---	
1.14	Service road existing or not .	**yes**	
	If yes then which side	**yes**	
	(a) Left side from center line	**yes**	
	(b) Right side from center line	**yes**	
1.15	Proposed Service road	**NA**	
	(a) Left side from center line	**---**	
	(b) Right side from center line	**---**	

16.2.21

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

30/12/2021
Asst. Exe. Engineer (R&B)
NH, Section, Salur

30/11/2021
Dy. Executive Engineer (R&B)
NH Sub Division, Vizianagaram

6/12/2021

3.2.21
Executive Engineer (R&B)
N.H.Division, Visakhapatnam-14

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	The Permission fro 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 Furmes / 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 watersupply 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 spade around the superstructure of the bridge remains available for inspection and repairs, etc (c) Cost of required extensionsion 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	**DRINKIN WATER PIPE LINE**	

30/1/2021
Asst. Exe. Engineer (R&B)
NH Section, Salur

3/9/11 2021.
Dy. Executive Engineer (R&B)
NH Sub Division, Vizianagaram

16.2.21
Superintending Engineer (R
N.H. Circle, Vijayawada.

3.2.21
Executive Engineer (R&B)
N.H.Division, Visakhapatnam-18

03/2/2021

1.18	If Crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	**YES --1CROSSINGS**	
	(a) Existing drainage structures shall not be allowed to carry the lines.	**NO**	
	(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 being15 meter. What is the distance from the existing structures	**MORE THAN 15 METERS**	
	(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 drainin cuts and toe of slope toe of slope in the fills.	**YES**	
	(g) The top of the Cassing/conduit pipe should be atleast 1.2meter below the surface of the road subject to being at least 0.3m below the drain inverts.	**COMPILLED**	
	(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 maner as to prevent the formation of a waterway along it.	**COMPILLED**	

16.2.21

Superintending Engineer (R
N.H. Circle, Vijayawada.

Exe. Engineer (R&B)
P&L Section, Salur

Executive Engineer (R&B)
NH Sub Division, Vizianagaram

3.2.21
Executive Engineer (R&B)
N.H.Division, Visakhapatnam-

03/2/2021

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**	
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.	**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.	**Complied**	

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Asst. Exe. Engineer (R&B)
N.H. Section, Salur

Dy. Executive Engineer (R&B)
NH Sub Division, Vizianagaram

Executive Engineer (R&B)
N.H.Division, Visakhapatnam-18

	(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.	**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 perimitted. (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	**COMPILLED**	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	**COMPILLED**	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	**WIIL BE PROVIDE,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	**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		

Asst. Exe. Engineer (R&B)
NH. Section, Salur

Dy. Executive Engineer (R&B)
NH Sub Division, Vizianagaram

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Executive Engineer (R&B)
N.H.Division, Visakhapatnam-18

	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 tenching 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		
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	**Enclosed**	
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 clains 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-- ENCLOSED**	
5.9	Prior approval of NHAI shall be before	Enclosed	
	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-- ENCLOSED**	

Asst. Exe. Engineer (R&B)
NH. Section, Salur

Dy. Executive Engineer (R&B)
NH Sub Division, Vizianagaram

Superintending Engineer (R
N.H. Circle, Vijayawada.

Executive Engineer (R&B)
N.H.Division, Visakhapatnam-1

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--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 permissiongranted 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**	

Asst. Executive Engineer (R&B)
NH. Section, Salur

Dy. Executive Engineer (R&B)
NH Sub Division, Vizianagaram

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Executive Engineer (R&B)
N.H.Division, Visakhapatnam

7.2	Certificate from PD in the following format (i) " It is certified that any other location of the Water Supply pipe line would be extremelydifficult and unreasonable costly and the installation of Water Supply pipe line withibn ROW will not adversely affect the design, Stability & traffic safety of the higway nor the likely future improvement such as widening of the carriageway, easing of curve etc". (ii) for 6-lanning (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" (b) In case feasibility report is not available : I do certify that sufficient ROW is available at site for accomodation proposed six-laning".	**Enclosed**	
8	If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay 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."	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).		
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.**	

Asst. Exe. Engineer (R&B)
NH. Section, Salur

Dy. Executive Engineer (R&B)
NH Sub Division, Vizianagaram

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Executive Engineer (R&B)
N.H.Division, Visakhapatnam-12

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-326A	
1.3	State	AP	
1.4	Location	Patapatnam to Nowthala Jn	
1.5	(Chainage in km)	3/200-4/470,6/700-8/880&9/400-9/760	
1.6	Length in Meters	3730 (3810) 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	Left & Right	
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	No	
	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	2	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 / 6/8 lanes)	---	
1.14	Service road existing or not	yes	
	If yes then which side	yes	
	(a) Left side from center line	yes	
	(b) Right side from center line	yes	

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

Dy. Executive Engineer RWS & S (Projects)

Executive Engineer RWS&S, Division Palasa

Superintending Engineer

	(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	The Permission fro 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 Furmes / 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 watersupply 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 spade around the superstructure of the bridge remains available for inspection and repairs, etc (c) Cost of required extensionsion 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	**DRINKING WATER PIPE LINE**	

P.M.Rao
AE(Elu) HRM Project

G. Madhuri
Dy. Executive Engineer
RWS & S (Projects)
HIRAMANDALAM

23/11/21
Executive Engineer
RWS&S, Division Palasa

Superintending Engineer
RWS&S, Circle Srikakulam
23/11/2021

1.18	If Crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	YES --1 CROSSING	
	(a) Existing drainage structures shall not be allowed to carry the lines.	NO	
	(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 being15 meter. What is the distance from the existing structures	MORE THAN 15 METERS	
	(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 drainin cuts and toe of slope toe of slope in the fills.	YES	
	(g) The top of the Cassing/conduit pipe should be atleast 1.2meter below the surface of the road subject to being at least 0.3m below the drain inverts.	COMPILLED Complied	
	(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 maner as to prevent the formation of a waterway along it.	COMPILLED	

Dy. Executive Engineer
RWS & S (Projects)
HIRAMANDALAM

Executive Engineer
RWS&S, Division Palasa
23/1/24

Superintending Engineer
RWS&S, Circle Srikakulam
29/01/2024

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**	
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.	**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.	**Complied**	

AE(Rural Wtr Supply)

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

Superintending Engineer
RWS&S, Circle Srikakulam

	(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.	**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 perimitted. (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	**COMPILLED**	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	**COMPILLED**	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	**WIIL BE PROVIDE,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	**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		

P.M. Rao
A.E(Rly) HLM
PROJECT

Dy. Executive Engineer
RWS & S.(Projects)
HIRAMANDALAM

Executive Engineer
RWS&S. Division Palasa

Superintending Engineer
RWS&S, Circle Srikakulam
29/6/2021

	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 tenching 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		
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	**Enclosed**	
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 clains 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-- ENCLOSED**	
5.9	Prior approval of NHAI shall be before	Enclosed	

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proj

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RWS&S, Circle Srikakulam

	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--ENCLOSED**	
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--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 permissiongranted 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**	

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Executive Engineer
RWS&S, Division Palasa

Superintending Engineer

7.2	Certificate from PD in the following format (i) " It is certified that any other location of the Water Supply pipe line would be extremelydifficult and unreasonable costly and the installation of Water Supply pipe line withibn ROW will not adversely affect the design, Stability & traffic safety of the higway nor the likely future improvement such as widening of the carriageway, easing of curve etc". (ii) for 6-lanning (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" (b) In case feasibility report is not available : I do certify that sufficient ROW is available at site for accomodation proposed six-laning".	**Enclosed**	
8	If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay 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."	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).		

Executive Engineer
RWS&S, Division Palasa

Superintending Engineer
Srikakulam

Dy. Executive Engineer
RWS & S (Projects)
HIRAMANDALAM

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.**	

P.M. Rao
AE(Rly)/Hlm
Proj

G. Madhusudhana Rao
Dy. Executive Engineer
RWS & S (Projects)
HIRAMANDALAM

22.1.21
Executive Engineer
RWS&S, Division Palasa

Superintending Engineer
RWS&S, Circle Srikakulam
29/1/2021

The work : Performance Guarantee for Laying of Drinking Water pipe line from km3/200-4/470,6/700-8/800 &9/400-9/700 and 8/800 (Across)of NH 326A Patapatnam-Nowtala Section) by -- SE,RWS&S,CIRCLE,SRIKAKULAM,AP)

PERFORMANCE GUARANTEE CHARGES

S. No.	Description	No	Measurement			Quantity	Rate	Per	Amount
			L	B	D	Sq.m	Per RM		
1	2	3	4	5	6	7	8	9	10
Towards PERFORMANCE BANK GUARANTEE for Laying of Drinking Water pipe line from km3/200-4/470,6/700-8/800 &9/400-9/700 of NH 326A Patapatnam-Nowtala Section) Along the Road & Across the Road@8/800									
						3730			
1	km3/200-4/470,6/700-8/800 &9/400-9/700	1	3730 3810	--	--	3810	100	RM	3,73,000/- 381000
						3730 3810			
2	8/800	1	20 30			30 20	500/RM		15,000 20
	Performance Guarantte Charges					=	Rs.		381020
				Eight					3,88,000/-
(Rupees three Lakh Eighty ~~One~~ Thousand ~~twenty~~ only)									

30/1/2021

Asst Exeeutive Engineer (R&B)
NH Section, Salur.

30/1/2021

Deputy Executive Engineer (R&B)
N.H. Sub Division, Vizianagaram.

3.2.21

Executive Engineer (R&B)
N.H.Division, Visakhapatnam-18

16.2.21

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Restoration Charges

Specification report to accompanying the estimate towards "Performance Guarantee" for laying DRINKING WATER PIPE LINE along &across the road of the National Highway – 326A at Km 3/200-4/470, 6/700-8/800&9/400-9/700 of total length of 3.81Km (Villages of Hiramandalam).

3,84,000/-

Estimate Amount Rs. 3,81020/-

SE,RWS&S,CIRCLE OFF,SRIKAKULAM vide ref Lr.NoRoad Cutting RWS&S/NH-326A VSP/JTO/2020-dt.09/11/2020 has requested permission for Laying of laying DRINKING WATER PIPE LINE Along &Across the road of the National Highway – 326A at Km 3/200-4/470, 6/700-8/800&9/400-9/700 of total length of 3.81Km (Villages of Hiramandalam).

As per the Endt. No SE, RWS&S, CIRCLE OFF, SRIKAKULAM /LR.NO.372/Udhanam Project/NHAI permission/JTO/2020-21., Dt.3/02/2021 of The Executive Engineer R&B, NH Division, Visakhapatnam, the estimate towards Restoration Charges is prepared for laying DRINKING WATER PIPE LINE Along &Across the road of the National Highway – 326A at Km 3/200-4/470, 6/700-8/800&9/400-9/700 of total length of 3.81Km (Villages of Hiramandalam).

The estimate is prepared as per MORTH Circular memo No. RW/NH/33044/09/2015/S&R (R), dated: 22.11.2016 and the work will be carried out as per MoRTH Guidelines.

30/2/2021

Asst. Executive Engineer (R & B)
NH Section, Salur

31/1/2021

Deputy Executive Engineer (R&B)
NH Sub Division, Vizianagaram.

3.2.21

Executive Engineer (R&B)
N.H.Division, Visakhapatnam-18

03/2/2021

K.2.21

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

LICENSE FEE ESTIMATE

Estimate towards License Fee for laying of Drinking Water Pipe Line fromPatapatnam Jn. (KM Ref: 3/200) to.Nowtala JN (KM Ref: 9/760) o L.H.S &R.H.S along NH-326ARoad by

M/s. RWS&S,Circle Office,Srikakulam.

UDHAANAM PROJECT

Estimate-A

From	To	No	Dia	Measurements			Quantity	Rate Per Sq.M	Unit	Amount
				L	B*	D	Sq.M			
1	2	3	4	5	6	7	8	10	10	10
3/200	4/470	1	1000mm	1270	1.6	-	2032	919	Sq.M	2867408.00
6/700	8/880	1	1000mm	2180	1.6	-	3488	919	Sq.M	3205472.00
9/400	9/760	1	1000mm	360	1.6	-	576	669	Sq.M	385344.00
NHAI crossing at km 8/880		1	1200mm	30	1.6	-	30	919	Sq.M	27570.00
				3730						
Total Amount										5485794.00
License Fee (Rs/Sq.Mtr/Month)						=			=	45714.95
License Fee for 5 years						=	5*12*45715		=	2742897.00

License fee prescribed for Public Utilities shall be 33% of the fee per MORTH Guide lines vide Lr. No: RW/NH-33044/29/2015/S&R(R) Dated: 22/11/2016	905156.01
Rounding Off	905156

RUPEES ~~NINE~~ LAKHS FIVE THOUSAND ONE HUNDRED FIFTY SIX ONLY

*Breadth is considered by taking-1000mm Dia pipes Along the NH326A and 1000mm Dia - Duct Across the NH326A

P.M.Rao
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project

G.Madhusudhan
Dy. Executive Engineer
RWS & S (Projects)
HIRAMANDALAM

Executive Engineer
RWS&S Division, Palasa

Superintending Engineer
RWS&S, Circle Srikakulam

SPECIFICATION REPORT

Specification report to estimate the estimate towards "**License Fee**" for crossing of slurry pipeline and water pipeline along with OFC at km 1/477 to 9/100 on NH-326A from PATAPATNAM Jn to NOWTALA Jn of Srikakulam district, Andhra Pradesh by M/s RWS&S, Circle Office, Srikakulam, Andhra Pradesh.

Estimate Amount: Rs. ____905156/-_____ /-

Superintending Engineer M/s RWS&S, Circle Office, Srikakulam, Andhra Pradesh. Vide letter No. 372/UDHANAM PROJECT/AEE2/NH-326 /2020/21 dated 06.10.2020 has requested to issue permission for laying of pipeline along/across km 3/200 to 9/760 on NH-326A from PATAPATNAM Jn to NOWTALA Jn of Srikakulam district, Andhra Pradesh by M/s RWS&S, Circle Office, Srikakulam, Andhra Pradesh.

The rate of land abutting NH/SH/ZPP/MPP obtained from the website of registration and stamp department, Government of Andhra Pradesh is used for calculation and breakup of village wise land rates are as follows:

Pipe crossing along the NH-326A

S.No	Name of the Village	Chainage (Km) at	Length (m)	Rate of land Abutting NH	
				Per Sq.Yard	Per Sq.mtr
1	Patapatnam/Nowtala	8/880-8/880	30	1100/-	919/-

1315.60

Laying of the Pipe line along the NH-326A

S.No	Name of the Village	Chainage/Km at	Length (Sqm)	Rate of land Abutting NH		
				Per Sq.Y	Per Sq.mtr	
1	Patapatnam/Burgam	3/200---4/470	2032	1100/-	919/-	1315.60
2	Korasavada/Danupuram	6/700 to 8/880	3488	1100/-	919/-	1315.60
3	Nowtala/Nowtala Out skirts	9/400 to 9/760	576	800/-	669/-	956.80

The land rate corresponding to the chain age 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], dated 22nd Nov,2016.

Superintending Engineer
R.W.S&S, Srikakulam.

EXECUTIVE ENGINEER
NH-R&B.

Dy. Executive Engineer
RWS & S (Projects)
HIRAMANDALAM

Executive Engineer
RWS&S, Division Palasa

Superintending Engineer
RWS&S, Circle Srikakulam

Government Of Andhra Pradesh

Registration And Stamps Department

Market Value Assistance
(Duty & Fee Calculator)

Request No: 21/2021
Date: 21/01/2021 15:40

SRO Name: 109 Pathapatnam
Dist Name: Srikakulam

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

Consideration Value of the Property:

Property Details:

Jurisdiction: PATHAPATNAM-109

Village Name:	BOORAGAM			
Locality/Habitation:	BOORAGAM (0-0)			
Classification:	Residential	Property Type:	Open Plot	
Door No:				
Survey No:	56	Plot No:		
Extent:	1 Sq.Yards	Total Floors:		
Boundaries: East:		West:		
Boundaries: North:		South:		

Valuation Details:		
Land Cost: 1100	Structure Cost: 0	Market Value: 1100
Unit Rate: 1100/Sq. Yd	Valuation Code: 04	Taxable Value: Market Value

Duty & Fee Payable:		
Stamp Duty: 75	Transfer Duty: 23	Registration Fee: 15

P.M.Rao
AE(Rly) HLM
prosu

G. Madhukar
Dy. Executive Engineer
RWS & S (Projects)
HIRAMANDALAM

Executive Engineer
RWS&S, Division Palasa
23/1/21

Superintending Engineer
RWS&S, Circle Srikakulam
23/01/2021

SUB-REGISTRAR
PATHAPATNAM
Authorized Signatory

Prepared By: SANTOSH

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 Values shown are valid till the next Market Value Revision. 4) This report is valid for the Entries done on or after 01-AUG-19.
Disclaimer: This statement is not applicable if the property is found to be prohibited.

Printed on:21/01/2021, 03:58 PM

Source: CCA

Government Of Andhra Pradesh

Registration And Stamps Department

Market Value Assistance
(Duty & Fee Calculator)

Request No: 19/2021

SRO Name: 109 Pathapatnam

Dist Name: Srikakulam

Date: 21/01/2021 15:38

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

Consideration Value of the Property:

Property Details:

Jurisdiction: PATHAPATNAM-109

Village Name:	NOWTHALA				
Locality/Habitation:	NOWTHALA (0-0)				
Classification:	Residential		Property Type:	Open Plot	
Door No:					
Survey No:	57		Plot No:		
Extent:	1 Sq.Yards		Total Floors:		
Boundaries:	East:		West:		
	North:		South:		

Valuation Details:		
Land Cost: 800	Structure Cost: 0	Market Value: 800
Unit Rate: 800/Sq. Yd	Valuation Code: 04	Taxable Value: Market Value

Duty & Fee Payable:		
Stamp Duty: 50	Transfer Duty: 15	Registration Fee: 10

P.M.Rao AE(Rev) H/o proposer

Dy. Executive Engineer RWS & S (Projects) HIRAMANDALAM

Executive Engineer RWS&S. Division Palasa

Superintending Engineer RWS&S. Circle Srikakulam

SUB-REGISTRAR
PATHAPATNAM

Prepared By: SANTOSH

Authorized Signatory

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 Values shown are valid till the next Market Value Revision. 4) This report is valid for the Entries done on or after 01-AUG-19.

Disclaimer: This statement is not applicable if the property is found to be prohibited.

Printed on:21/01/2021, 03:57 PM

Source: CCA

Government Of Andhra Pradesh

Registration And Stamps Department

Market Value Assistance
(Duty & Fee Calculator)

Request No: **20/2021**

SRO Name: **109 Pathapatnam**

Dist Name: **Srikakulam**

Date: **21/01/2021 15:39**

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

Consideration Value of the Property:

Property Details:

Jurisdiction: **PATHAPATNAM-109**

Village Name:	KORSAVADA				
Locality/Habitation:	KAGUVADA-1#1 (0-0)				
Classification:	Residential		Property Type:	Open Plot	
Door No:					
Survey No:	12		Plot No:		
Extent:	1 Sq.Yards		Total Floors:		
Boundaries: East:			West:		
Boundaries: North:			South:		

Valuation Details:		
Land Cost: **1100**	Structure Cost: **0**	Market Value: **1100**
Unit Rate: **1100/Sq. Yd**	Valuation Code: **04**	Taxable Value: **Market Value**

Duty & Fee Payable:		
Stamp Duty: **75**	Transfer Duty: **23**	Registration Fee: **15**

Dy. Executive Engineer
RWS & S (Projects)
HIRAMANDALAM

Executive Engineer
RWS&S, Division Palasa

Superintending Engineer
RWS&S, Circle Srikakulam
22/01/2021

SUB-REGISTRAR
PATHAPATNAM
Authorized Signatory

Prepared By: SANTOSH

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 Values shown are valid till the next Market Value Revision. 4) This report is valid for the Entries done on or after 01-AUG-19.
Disclaimer: This statement is not applicable if the property is found to be prohibited.

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Printed on:21/01/2021, 03:57 PM

Source: CCA

Pipe Line Along the Road NH326A (Open Trench Method)								
From Km. (LHS) to Km. (LHS)Patapatnam-Nowtala(Patapatnam-Narsannapeta) Section of NH-326A								
S.No	Proposed-Chainage		Length in Kms	Row from the center of the Median of the	Offset of proposed pipe line from centre of median	Offset of existing pipe line from centre of median	Work Procedure	Location
	From	To						
1	3/ 200	4/ 470		9.5	8.5	nill	Open Trench Cutting	From Left of ROW
2	6/ 700	8/ 880		9.5	8.5	nill		From Left of ROW
3	9/ 400	9/ 760		9.5	8.5	nill		From Right of ROW

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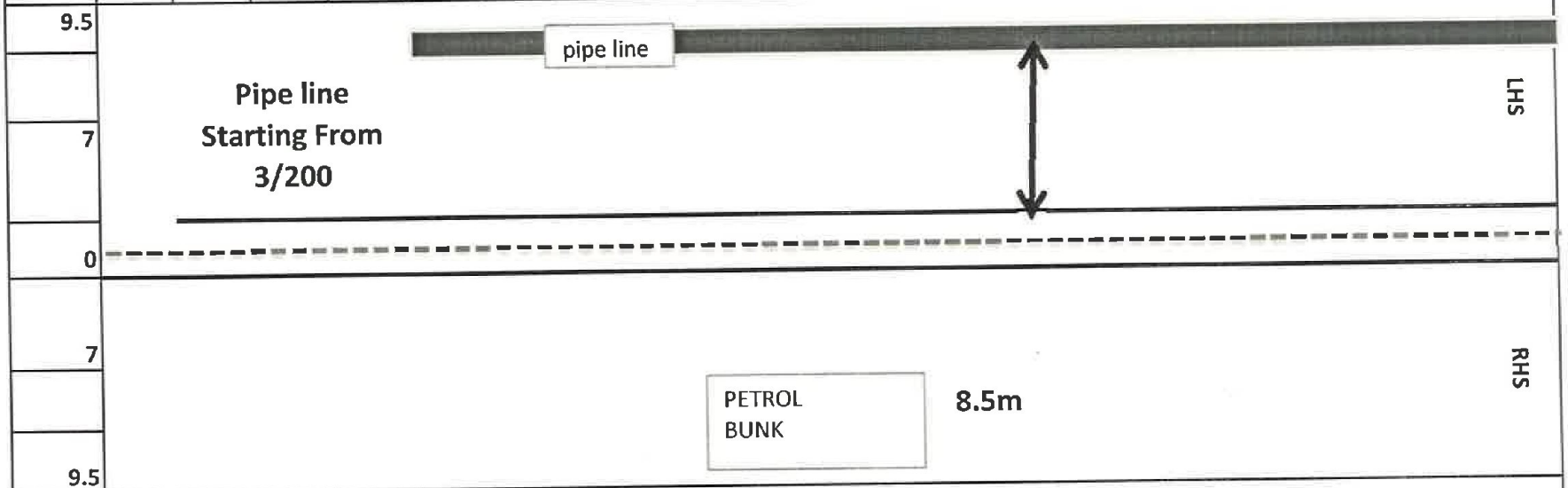
RWS&S, Circle Srikakulam
27/01/2021

Proposed PipeLine Laying At NH-326A- R.O.W-Details P.No-1

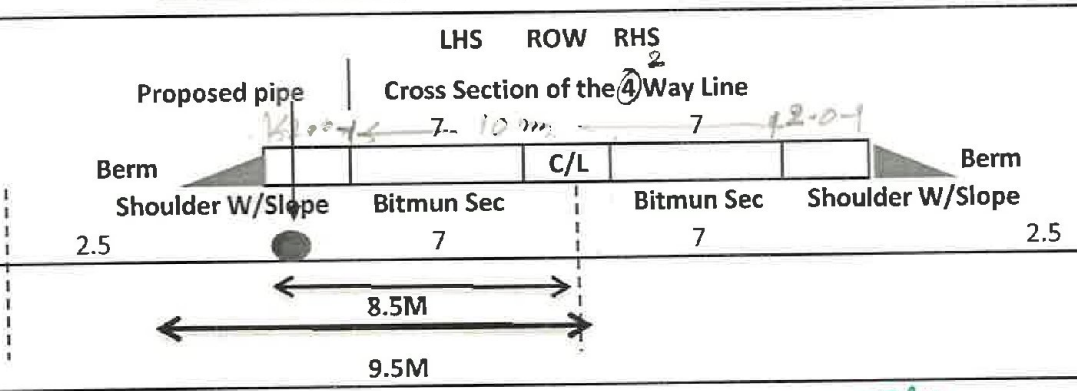
From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

Chainage From 3/0 to Chainage3/1000--(4)

3	3	3	3	3	3	3	3	3	3	3
0	100	200	300	400	500	600	700	800	900	1000



RHS-Laid Distance of the Pipe From C/L of the Road is	=	8.5m
Size of the Pipe Dia	=	1m
Length Of the Pipe	=	1Km
B.T.Surface-Sec	=	7m 10.0
Berm Surface Sec	=	2.5m 2.0m



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23/1/21

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27/01/2021

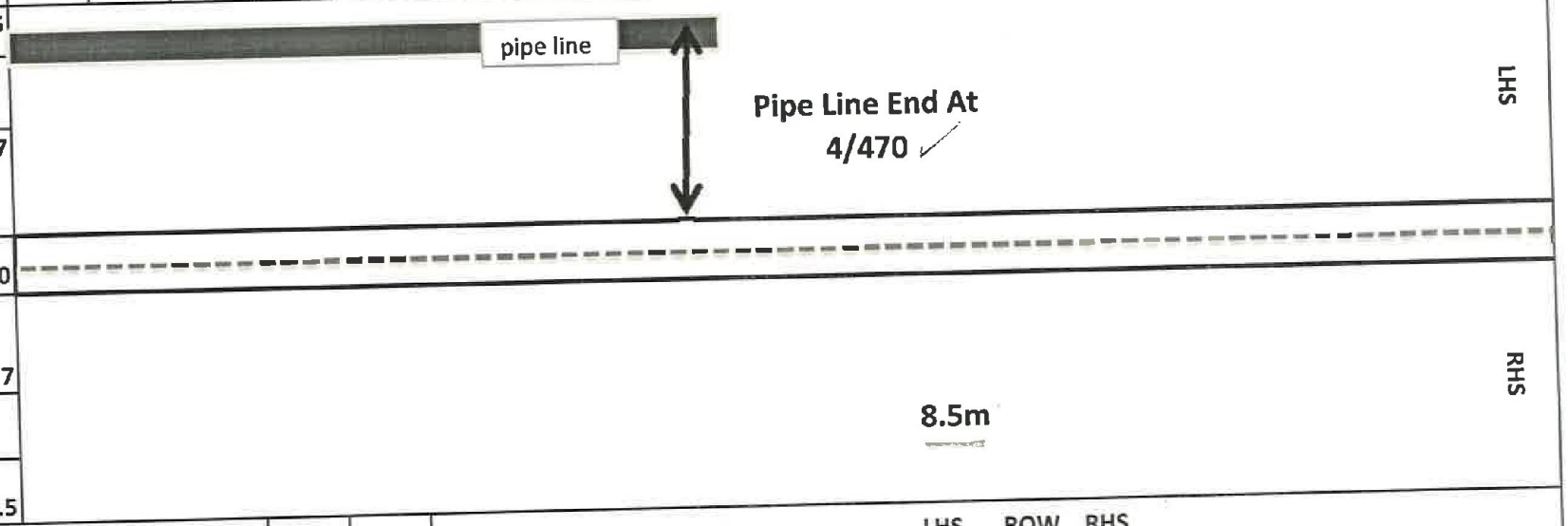
Proposed PipeLine Laying At NH-326A- R.O.W-Details

P.No-2

From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

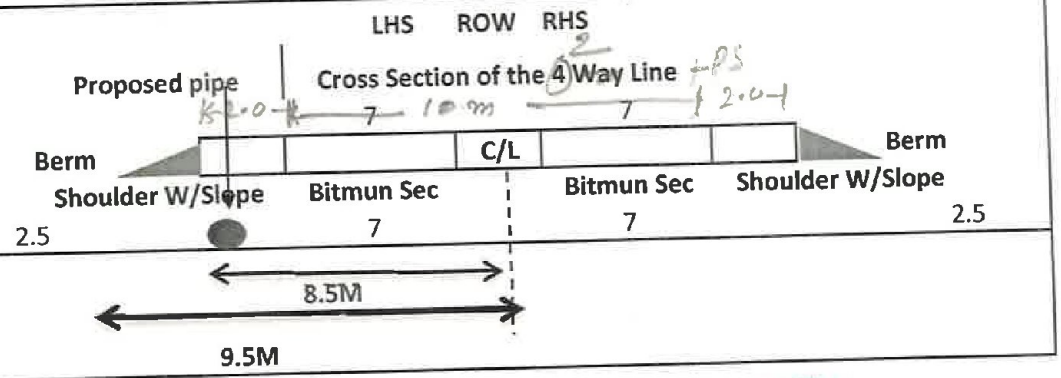
Chainage From 4/0 to Chainage4/1000--(5)

4		4		4		4		4		4		4		4		4	4
0		100		200		300		400		500		600		700		800		900	1000



RHS-Laid Distance of the Pipe From C/L of the Road is	=	8.5m
Size of the Pipe Dia	=	1m
Length Of the Pipe	=	1Km
B.T.Surface-Sec	=	7m
Berm Surface Sec	=	2.5m

2.0m



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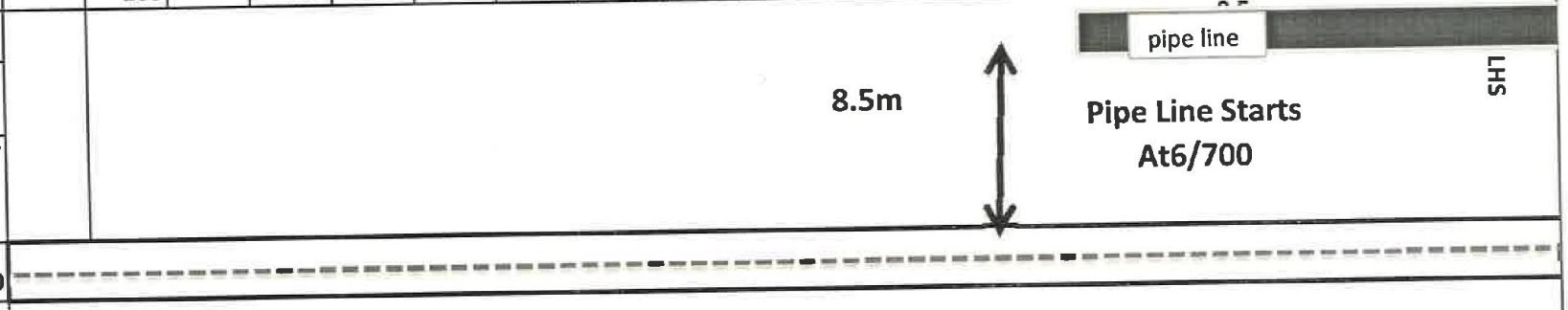
on 22/01/2024

Proposed PipeLine Laying At NH-326A- R.O.W-Details P.No-3

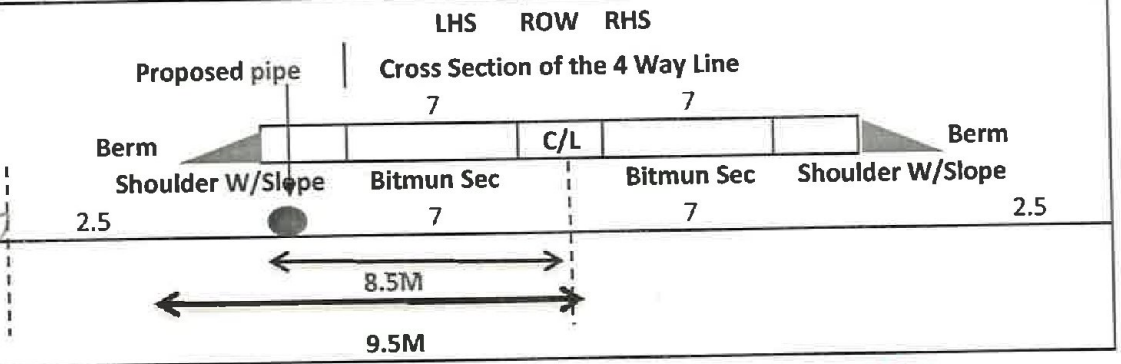
From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

Chainage From 6/0 to Chainage6/1000--(7)

6		6		6		6		6		6		6		6		6		6	6
0		100		200		300		400		500		600		700		800		900	1000



RHS-Laid Distance of the Pipe From C/L of the Road	=	8.5m
Size of the Pipe Dia	=	1m
Length Of the Pipe	=	1Km
B.T.Surface-Sec	=	7m
Berm Surface Sec	=	2.5m



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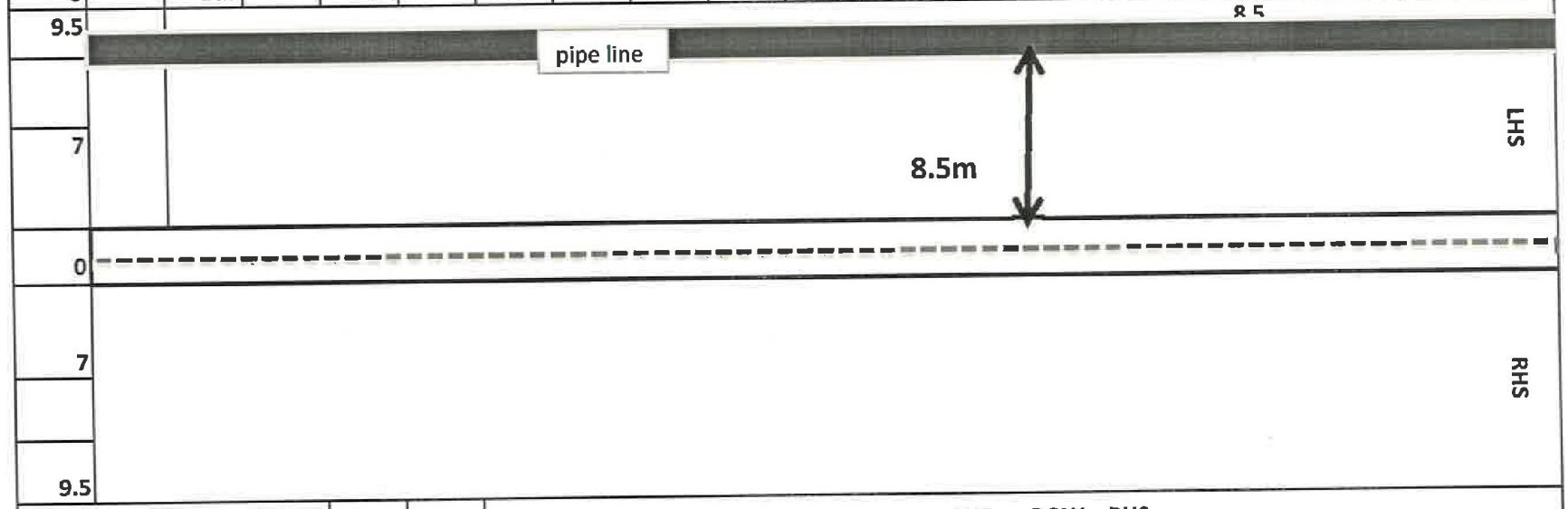
RWS&S
23/1/2024

Proposed PipeLine Laying At NH-326A- R.O.W-Details P.No-4

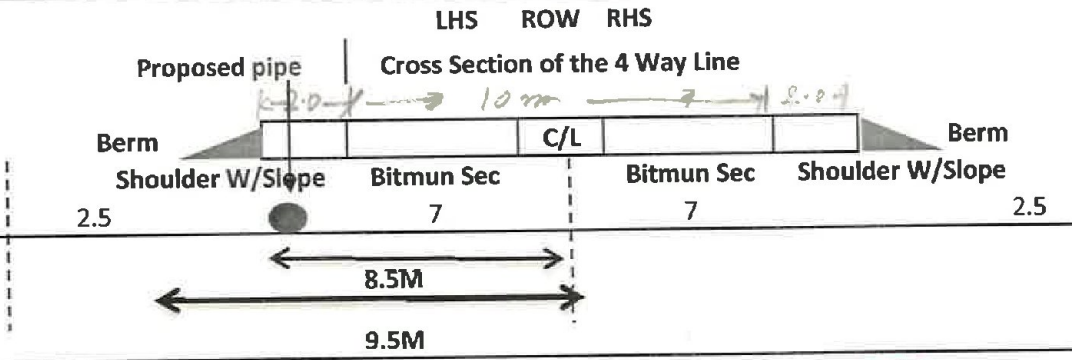
From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

Chainage From 7/0 to Chainage7/1000--(8)

7		7		7		7		7		7		7		7		7		7	7
0		100		200		300		400		500		600		700		800		900	1000



RHS-Laid Distance of the Pipe From C/L of the Road	=	8.5m
Size of the Pipe Dia	=	1m
Length Of the Pipe	=	1Km
B.T.Surface-Sec	=	7m 10.0m
Berm Surface Sec	=	2.5m 2.0m



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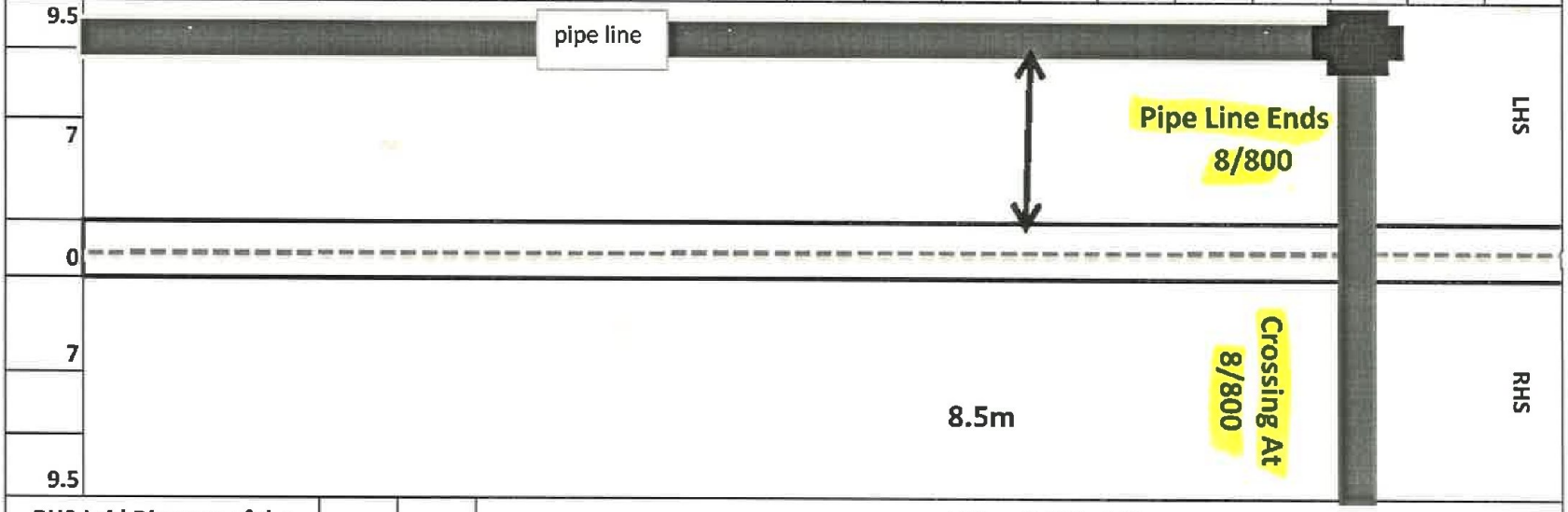
Proposed PipeLine Laying At NH-326A- R.O.W-Details P.No-5

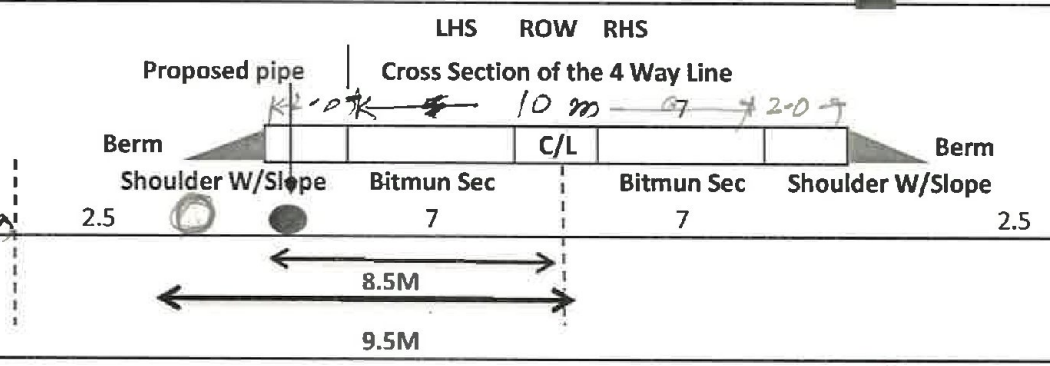
From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

Chainage From 8/0 to Chainage8/1000--(9)

8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
0		100		200		300		400		500		600		700		800		900	1000



RHS-Laid Distance of the Pipe From C/L of the Road is	=	8.5m
Size of the Pipe Dia	=	1m
Length Of the Pipe	=	1Km
B.T.Surface-Sec	=	7m
Berm Surface Sec	=	2.5m



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RWS&S

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Proposed PipeLine Laying At NH-326A- R.O.W-Details

P.No-6

From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

Chainage From 8/0 to Chainage8/1000--(9)

9		9		9		9		9		9		9		9		9	9
0		100		200		300		400		500		600		700		800		900	1000

9.5

7

Pipe Line Starts At
9/400, Ends At9/700

LHS

0

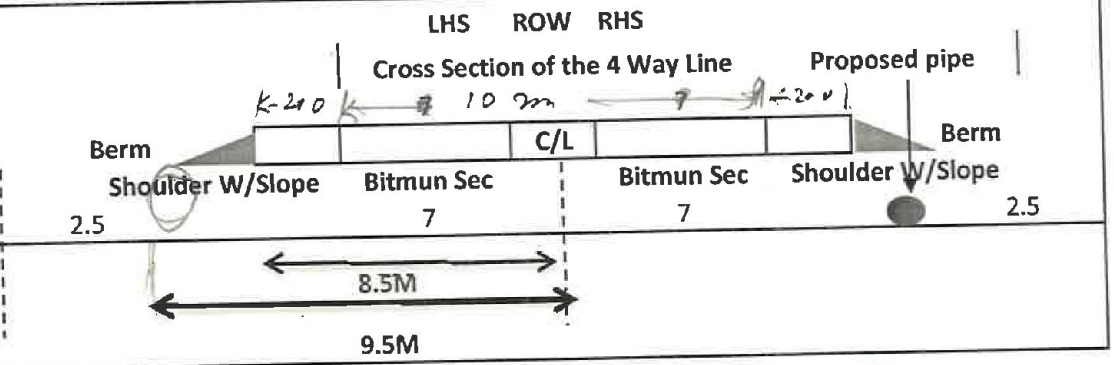
7

8.5m

RHS

9.5

RHS-Laid Distance of the Pipe From C/L of the Road	=	8.5m
Size of the Pipe Dia	=	1m
Length Of the Pipe	=	1Km
B.T.Surface-Sec	=	7m
Berm Surface Sec	=	2.5m



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27/9/2024

ANNEXURE-5

DETAILS OF

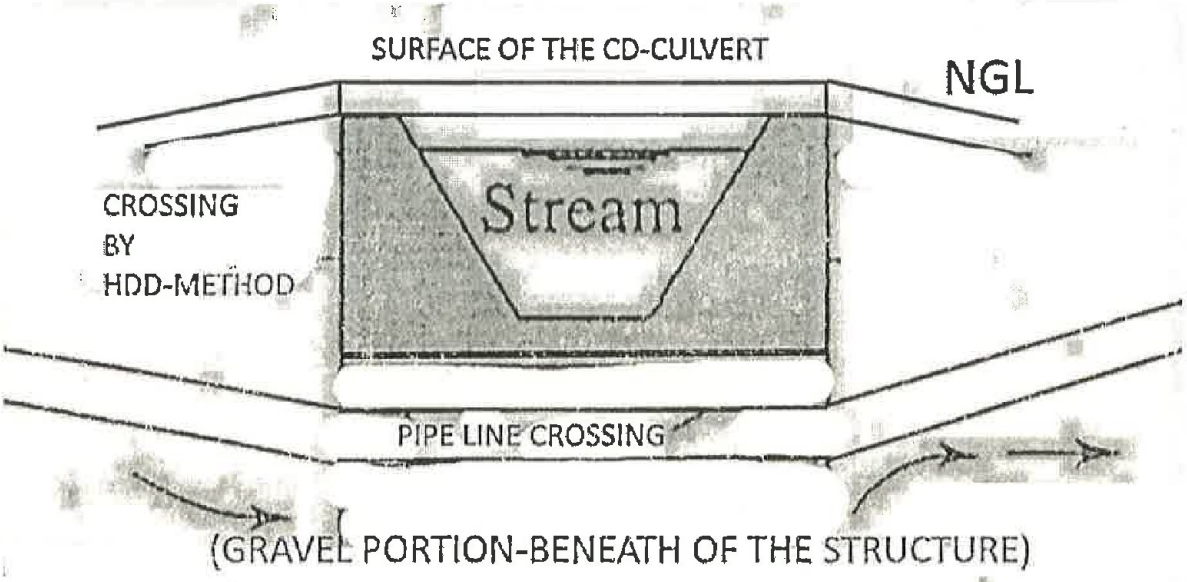
CROSS SECTIONS OF

THE SIZE OF PITS FOR OPEN TRENCH METHOD ON-NH-326A

&

CROSS SECTION OF CROSS DRAINAGE

PIPE LINE CROSSING AT CROSS-DRAINAGE AREA



We can cross the Pipe line under CD-Structure By HDD method along (Parallel to NH-326A) the **NH-326A** at a Depth of 2meters from Sill lvl of CD Structure. **HDD-Methodology is enclosed in separate sheet**

P.M. Rao
A.E(Pur) HPM
Project

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RWS & S (Projects)
HIRAMANDALAM

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Superintending Engineer
RWS&S, Circle Srikakulam
29/01/2021

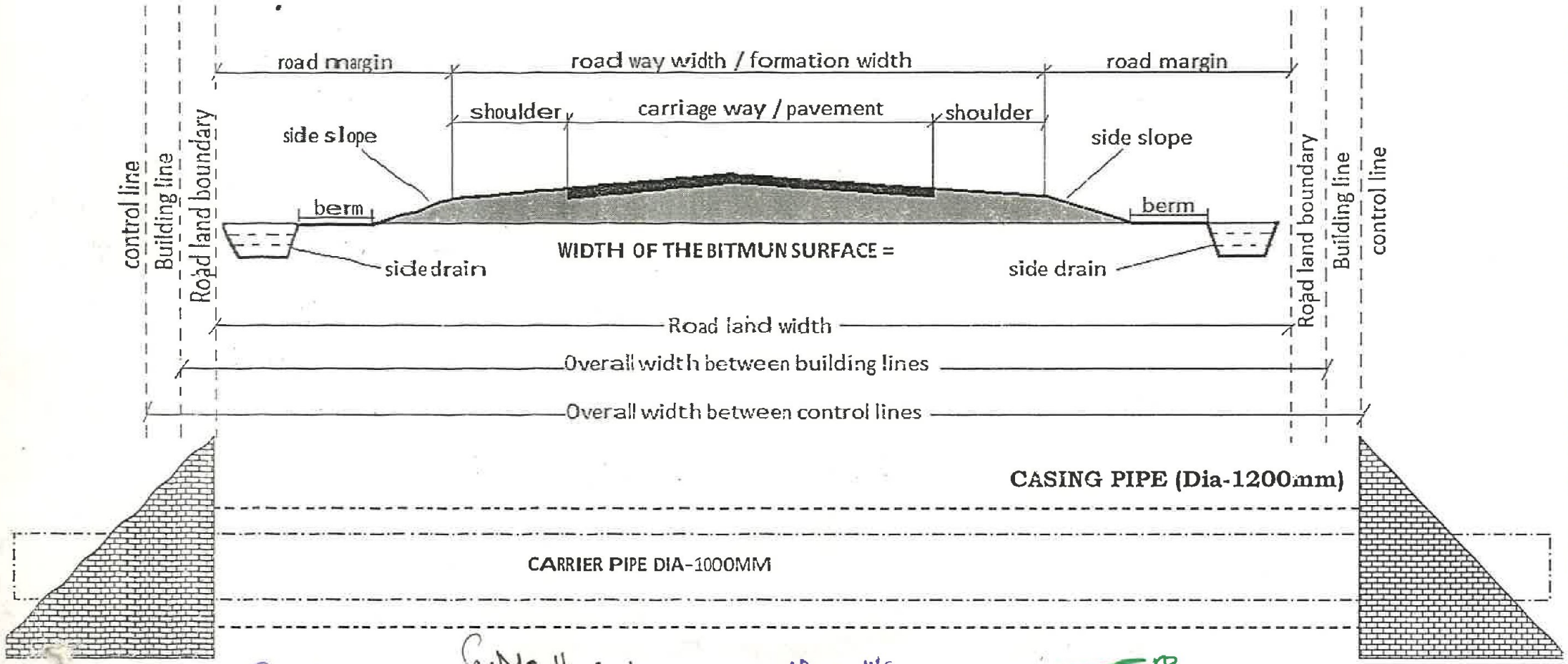
UDHAANAM PROJECT—HDD METHOD

PROPOSALS OF PIPE LINE LAYING ACROSS THE NH326A section- X

KORASAWADA JUNCTION

FROM _8/880_____JUNCTION -(CHAINAGE - ____) TO ___8/880_____I- (CHAINAGE. ____)

Dia OF ThePipe-1000 mm Total Length of the Pipe=____30_____



P.M. Rao
AE(Rly) HRM PROJECT

G. Madhusudhan
Dy. Executive Engineer
RWS & S (Projects)
HIRAMANDALAM

Executive Engineer
RWS&S, Division Palasa

Superintending Engineer
RWS&S, Circle Srikakulam

List of Exisisting Structures.

Rehabilitation and Up-gradation of NH 326 A from Km 00+000 to 41+979 to (Excluding Km 2+255 to 3+732 and 36+820 to 38+275) to Two Lane with paved shoulders in State of Andhra Pradesh Under NH(O) on EPC mode.

Agreement No 03/2018-19, dt:18.04.2018

04 January 2021

STRUCTURE Status

Sl.No	As per Design		Type of Structure	Configuration	Work Status							Remarks
	Praposed Ch:	Existing Ch:			Excavation	PCC	Foundation	Sub Str	Super Str	Perapet Work	Protection work	
1	00+315	00+296	Box Culvert	1X2X1.5	Completed	Completed	Completed	Completed	in progress			in progress
2	00+936	00+918	Box Culvert	1X2X1.5	Patapatnam townand water pipe line [05]							
3	01+630	01+667	Box Culvert	1X2X2.5								
4	01+913	01+888	HP Culvert	1 x 1200 dia								
5	02+105	02+059	Box Culvert	1X2X2								
6	03+970	03+927	Box Culvert	1X2X1.5	Completed	Completed	Completed	Completed	Completed	Completed		Completed
7	04+093	04+050	Box Culvert	1X2X1.5	Completed	Completed	Completed	Completed	Completed	Completed		Completed
8	04+341	04+297	Box Culvert	1X2X3.1	Completed	Completed	Completed	Completed	Completed	Completed		Completed
9	04+722	04+677	Box Culvert	1X2X2.4	Completed	Completed	Completed	Completed	Completed	Completed		Completed
10	05+460	05+448	Box Culvert	1X3X2.25	Completed	Completed	Completed	Completed	Completed	Completed		Completed
11	06+365	06+324	Box Culvert	1X4X1.47	Completed	Completed	Completed	Completed	Completed	Completed		Completed
12	06+780	06+770	Box Culvert	1X2X1.5	Completed	Completed	Completed	Completed	Completed	Completed		Completed
13	07+067	07+027	Box Culvert	1X2X1.5	Completed	Completed	Completed	Completed	Completed	Completed		Completed
14	07+255	07+216	Box Culvert	1X2X1.5	Completed	Completed	Completed	Completed	Completed	Completed		Completed
15	07+495	07+457	Box Culvert	1X2X1.5	Completed	Completed	Completed	Completed	Completed	Completed		Completed
16	07+655	07+457	Additional Box Culvert	1X3X2	Completed	Completed	Completed	Completed	Completed	Completed		Completed
17	07+870	00+000	Box Culvert	1X2X2.5	Completed	Completed	Completed	Completed	Completed	Completed		Completed
18	08+051	08+006	HP Culvert	1 x 1200 dia	Completed	Completed	Completed	Completed	Completed	Completed		Completed
19	08+315	08+315	Additional HP Culvert	1 x 1200 dia	Completed	Completed	Completed	Completed	Completed	Completed		Completed
20	08+530	08+530	Additional Box Culvert	1X3X2	Completed	Completed	Completed	Completed	Completed	Completed		Completed
21	08+532	08+492	Box Culvert	1X2X1.5	Completed	Completed	Completed	Completed	Completed	Completed		Completed
22	08+755	08+755	Additional Box Culvert	1X3X2	Completed	Completed	Completed	Completed	Completed	Completed		Completed
23	08+827	00+000	Box Culvert	1X2X2.7	Completed	Completed	Completed	Completed	Completed	Completed		Completed
24	08+919	08+957	Minor Bridge	2 X 8.00 X 6.20	Completed	Completed	In progress					in progress
25	09+433	09+495	Box Culvert	1X2X1.5	Completed	Completed	Completed	Completed	Completed	Completed		Completed
26	09+542	09+502	HP Culvert	1 x 1200 dia	Completed	Completed	Completed	Completed	Completed	Completed	IPC-9	Completed
27	09+583	09+543	HPC Widening	1 x 1200 dia	Completed	Completed	Completed	Completed	Completed	Completed	IPC-8	Completed
28	09+740		Pedestrain Under Pass	2 X 8.00 X 6.20	Deleted Scope							

P.M.Rao
AE(Rd) H/m proj

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Superintending Engineer
RWS&S, Circle Srikakulam

Name of Work :Upgradtion to two lane with paved shoulders configuration of the National Highways from km.0.000 to 42.000 of NH326A in the state of Andhraprdesh under Corridor approach on Engineering procurement & Construction (E.P.C.) Mode .

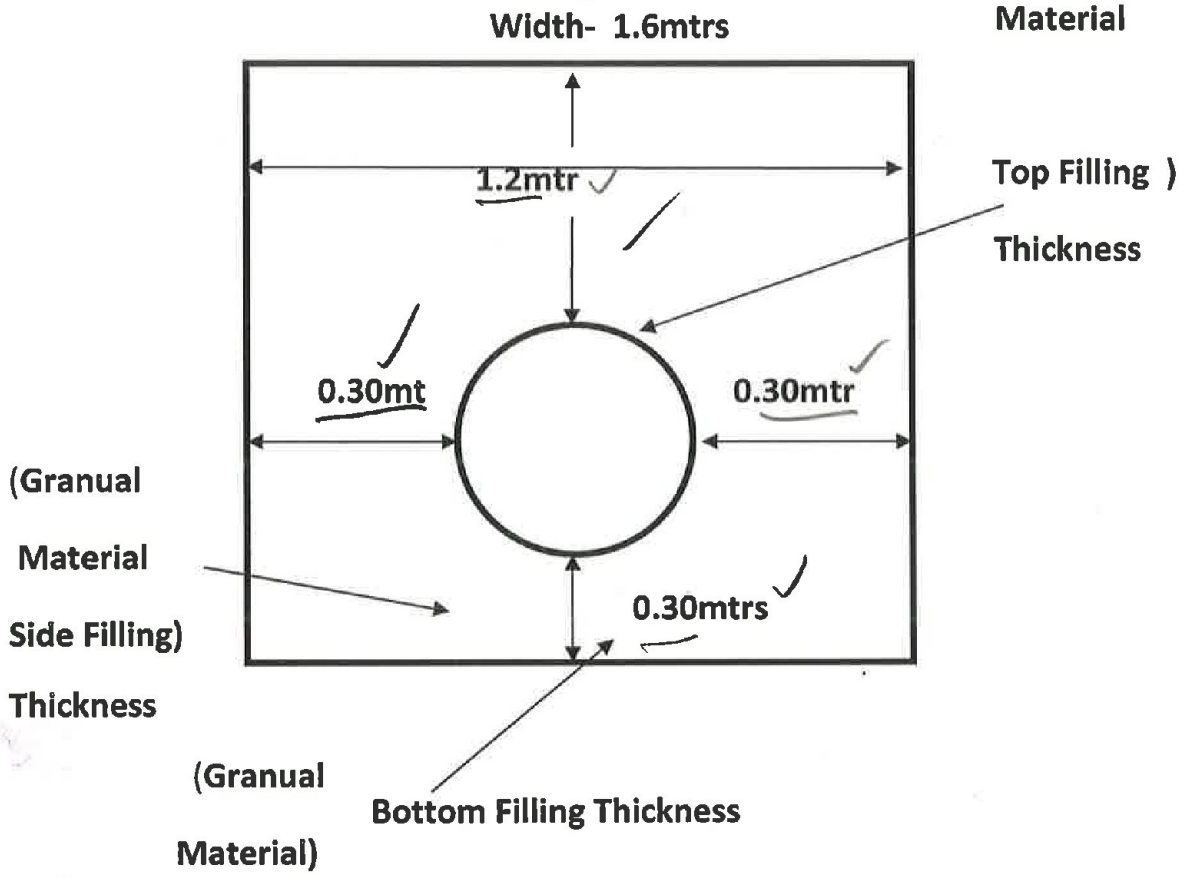
Existing Chainage		Design Chainage		Length (m)	Existing ROW
From	To	From	To		
0.000	133.822	142	275	0.133	26.2
133.822	858.936	275	1000	0.725	23.1
858.936	913.970	1000	1055	0.055	24.3
913.970	1224.626	1055	1355	0.300	22
1224.626	1319.624	1355	1450	0.095	21.2
1319.624	1409.639	1450	1540	0.090	21.2
1409.639	1869.717	1540	2000	0.460	28.1
1869.717	2018.643	2000	2100	0.100	17.2
2018.643	2173.865	2100	2255	0.155	16.2
4370.452	4600.452	4400	4770	0.370	18.2
4740.266	4930.107	4770	4960	0.190	26
4930.107	5002.376	4960	5000	0.040	22
5002.376	5102.374	5000	5100	0.100	40
5102.374	5202.430	5100	5200	0.100	20
5202.430	5402.308	5200	5400	0.200	40
5402.308	5602.199	5400	5600	0.200	26
5602.199	5802.478	5600	5800	0.200	22.5
5802.478	5892.482	5800	5890	0.090	23
5892.482	6235.650	5890	6200	0.310	23
6235.650	6635.730	6200	6600	0.400	35
6635.730	7660.423	6600	7600	1.000	31.2
8063.407	8767.105	8000	8800	0.800	25
8963.228	9395.046	9000	9400	0.400	25
9395.046	9697.688	9400	9700	0.300	25
9697.688	10420.640	9700	10400	0.700	30
10420.640	13238.109	10400	13260	2.860	30
13238.109	13478.109	13260	13500	0.240	30
13478.109	14176.204	13500	14200	0.700	30
14176.204	14476.358	14200	14500	0.300	30
14822.183	16794.477	14833	17000	2.167	30
16794.477	17687.721	17000	17700	0.700	30
17687.721	18289.844	17700	18300	0.600	24
18289.844	18429.996	18300	18440	0.140	24
18429.996	18489.977	18440	18500	0.060	24
18489.977	19463.196	18500	19480	0.980	22
19840.915	21294.844	19843	21300	1.457	28
22332.710	23134.372	22167	22970	0.803	22
23134.372	23965.654	22970	23800	0.830	20
24062.503	24512.507	23900	24350	0.450	20
24512.507	24662.511	24350	24500	0.150	20
24662.511	25370.673	24500	25200	0.700	20
25370.673	25671.626	25200	25560	0.360	22
26059.980	26400.211	25900	26300	0.400	20
26400.211	27166.006	26300	27000	0.700	20
27166.006	28666.585	27000	28500	1.500	22

Dy. Executive Engineer
RWS & S (Projects)
HIRAMANDALAM

Executive Engineer
RWS&S, Division Palasa

Superintending Engineer
RWS&S, Circle Srikakulam
27/2/2024

DETAILS OF TRENCH CROSS SECTION FOR 1000mm Dia PIPE LAYING ALONG THE NH-326A.



23/11/2021
Executive Engineer
RWS&S, Division Palasa

Superintending Engineer
RWS&S, Circle Srikakulam
27/01/2021

Annexure - III

(Enclosure to MOST (Deptt. Of RT &H) Letter No.....

Format for maintaining Records of Right of Way permission granted for laying

Drinking Water Pipe line

(to be maintained separately for every NH and State, every PWD Division or equivalent)

1. Name of State : Andhra Pradesh
2. Name of the Agency (PWD/BRO/NHAI) : SE,RWS&S,Circle,Srikakulam
3. Name of PWD Division or Equivalent : (R&B) NH Division Visakhapatnam
4. NH Number : **326A**

S. No.	Location (chainage in km)	Left or right side of NH (towards increasing chainage / km direction)	Section and reach	Kind of service	Name of licensee and contract address	Date of signing of agreement	Date of validity of agreement	Date of last Inspection agreement of site	Any deviation from MoRT standard norms	Remarks
1	3/200-4/700, 6/700-8/800, 9/400-9/700	RHS- RHS- -LHS	Patapatnam to Nowtala Junction	Drinking Water Pipe Line	SE,RWS&S, Circle, Srikakulam					Along the NH326A
2	8/800-8/800	LHS to RHS								Across of the NH326A

Asst Executive Engineer (R&B)
NH Section, Salur.

30/1/2021.
Deputy Executive Engineer (R&B)
N.H. Sub Division, Vizianagaram.

3.2.21
Executive Engineer (R&B)
N.H.Division, Visakhapatnam-18

03/2/2021

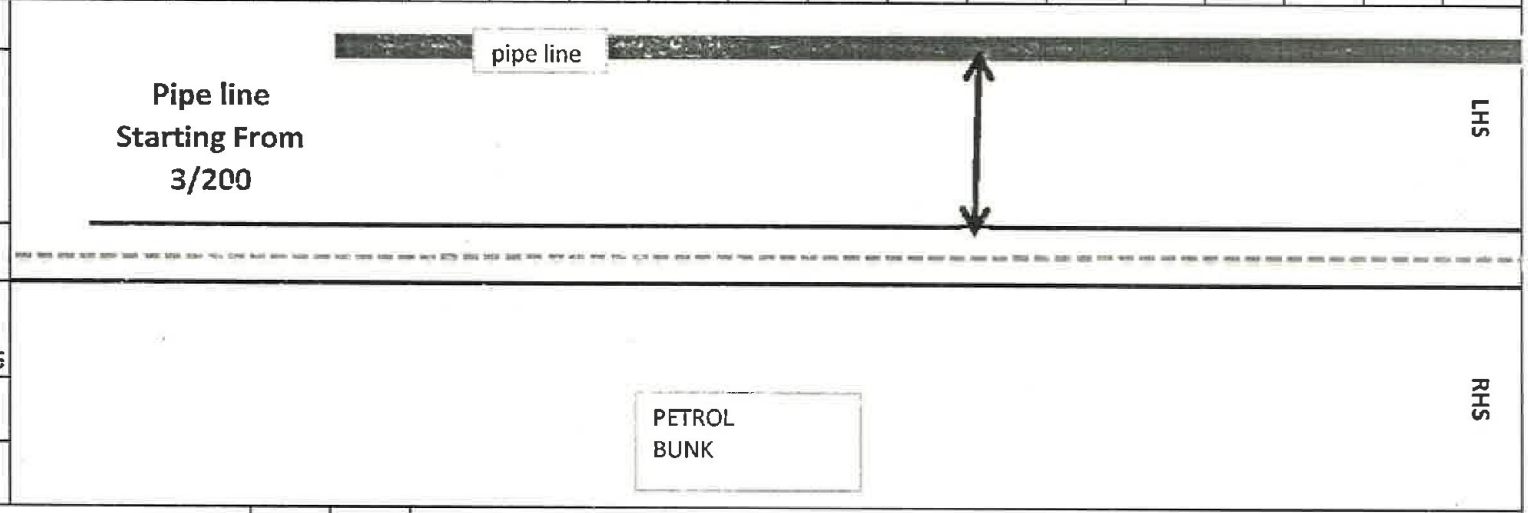
16.2.21
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Proposed PipeLine Laying At NH-326A- R.O.W-Details P.No-1

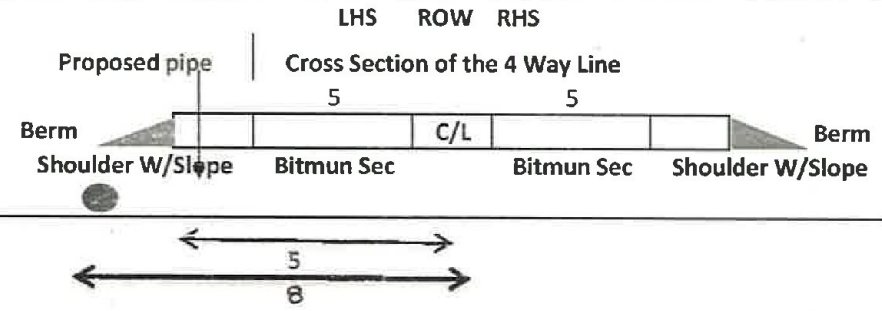
From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

Chainage From 3/0 to Chainage3/1000--(4)

3		3		3		3		3		3		3		3		3		3	3
0		100		200		300		400		500		600		700		800		900	1000



RHS-Laid Distance of the Pipe From C/L of the Road is	=	
Size of the Pipe Dia	=	1.0m
Length Of the Pipe	=	30
B.T.Surface-Sec	=	10
Berm Surface Sec	=	2+2



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SE,Circle,Srikakulam
RWS&S

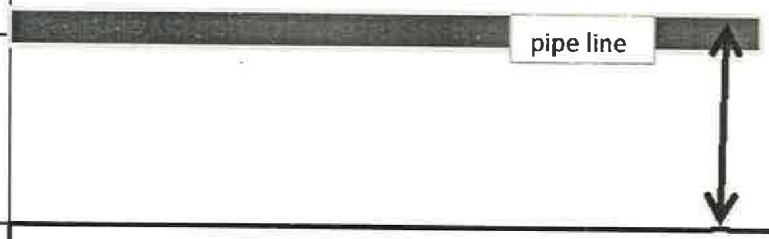
Superintending Engineer
RWS&S, Circle Srikakulam

Proposed PipeLine Laying At NH-326A- R.O.W-Details P.No-2

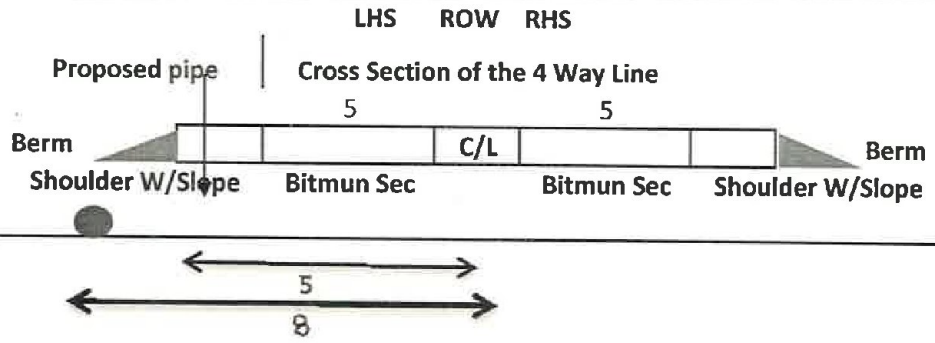
From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

Chainage From 4/0 to Chainage4/1000--(5)

4		4		4		4		4		4		4		4		4		4	4
0		100		200		300		400		500		600		700		800		900	1000



RHS-Laid Distance of the Pipe From C/L of the Road is	=	
Size of the Pipe Dia	=	1.0m
Length Of the Pipe	=	30
B.T.Surface-Sec	=	10
Berm Surface Sec	=	2+2



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RWS&S

Executive Engineer
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SE,Circle,Srikakulam
RWS&S

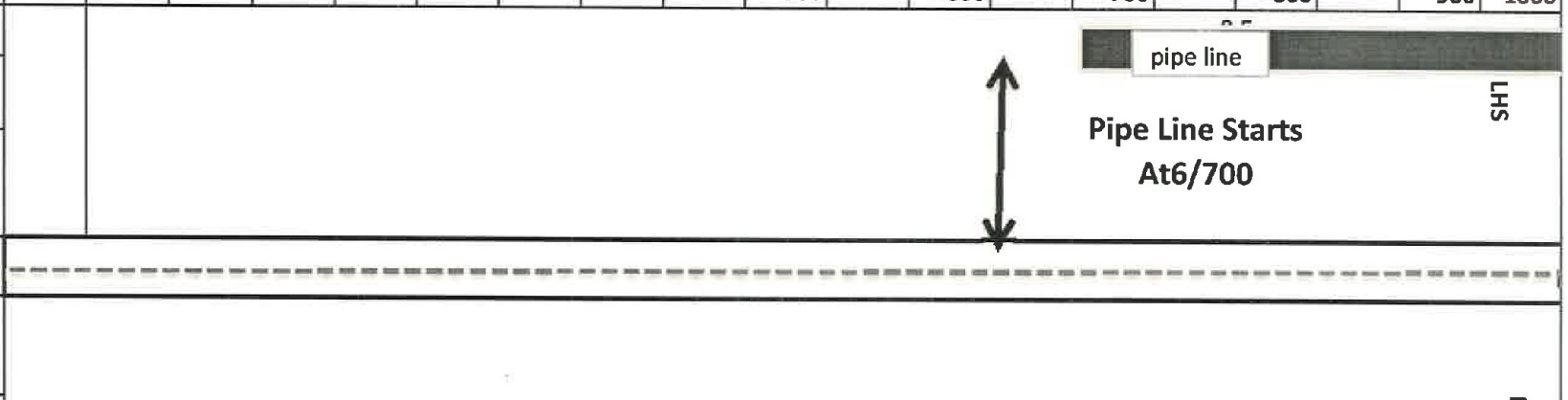
Superintending Engineer
RWS&S, Circle Srikakulam

Proposed PipeLine Laying At NH-326A- R.O.W-Details P.No-3

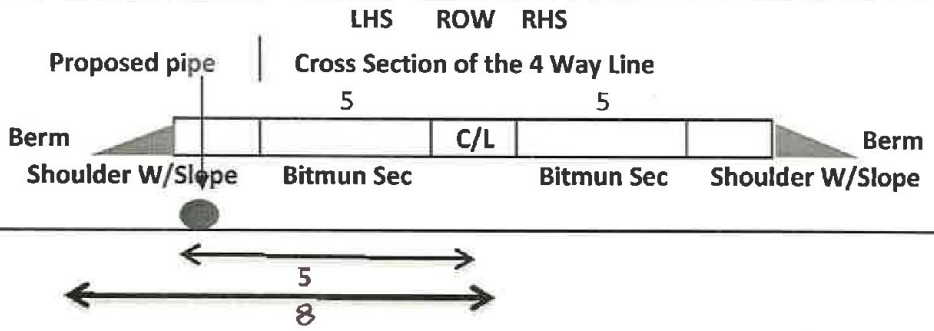
From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

Chainage From 6/0 to Chainage6/1000–(7)

6	6	6	6	6	6	6	6	6	6	6	6
0	100	200	300	400	500	600	700	800	900	1000	



RHS-Laid Distance of the Pipe From C/L of the Road	=	
Size of the Pipe Dia	=	1.0m
Length Of the Pipe	=	30
B.T.Surface-Sec	=	10
Berm Surface Sec	=	2+2



EE,Div,Palasa
RWS&S

Executive Engineer
RWS&S. Division Palasa

SE,Circle,Srikakulam
RWS&S

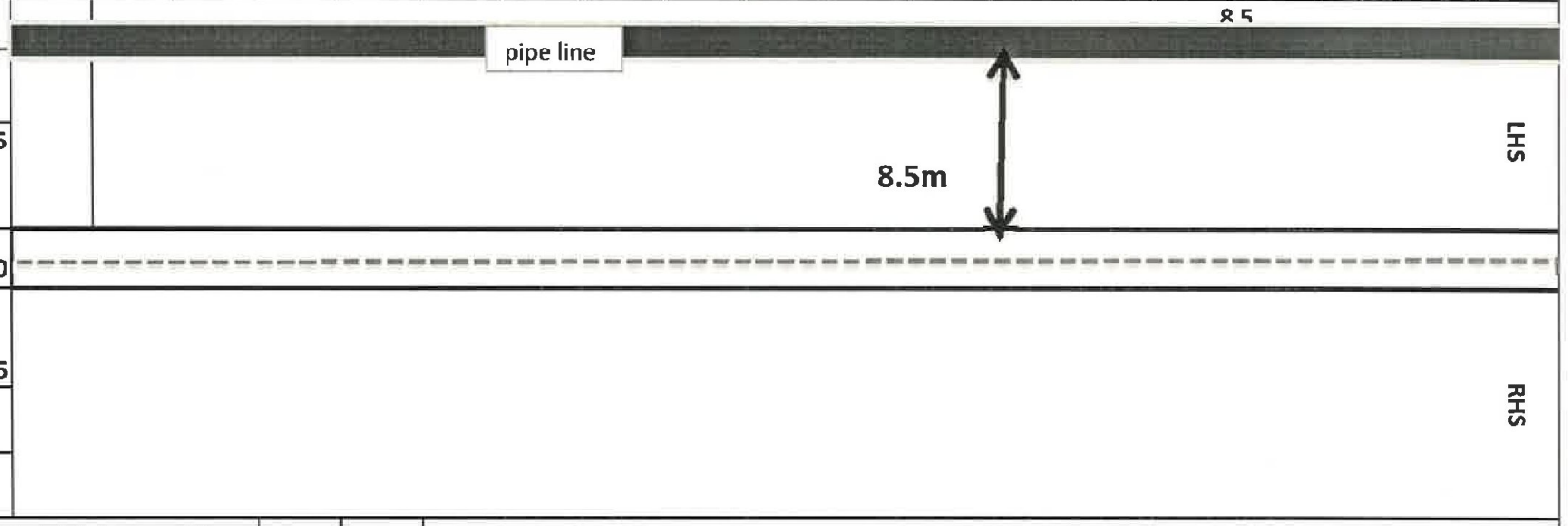
Superintending Engineer
RWS&S Circle Srikakulam

Proposed PipeLine Laying At NH-326A- R.O.W-Details P.No-4

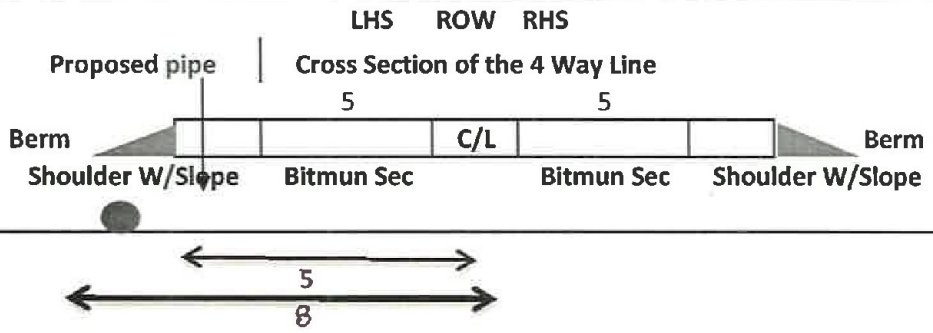
From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

Chainage From 7/0 to Chainage7/1000--(8)

7		7		7		7		7		7		7		7		7		7	7
0		100		200		300		400		500		600		700		800		900	1000



RHS-Laid Distance of the Pipe From C/L of the Road	=	
Size of the Pipe Dia	=	1.0m
Length Of the Pipe	=	30
B.T.Surface-Sec	=	10
Berm Surface Sec	=	2+2



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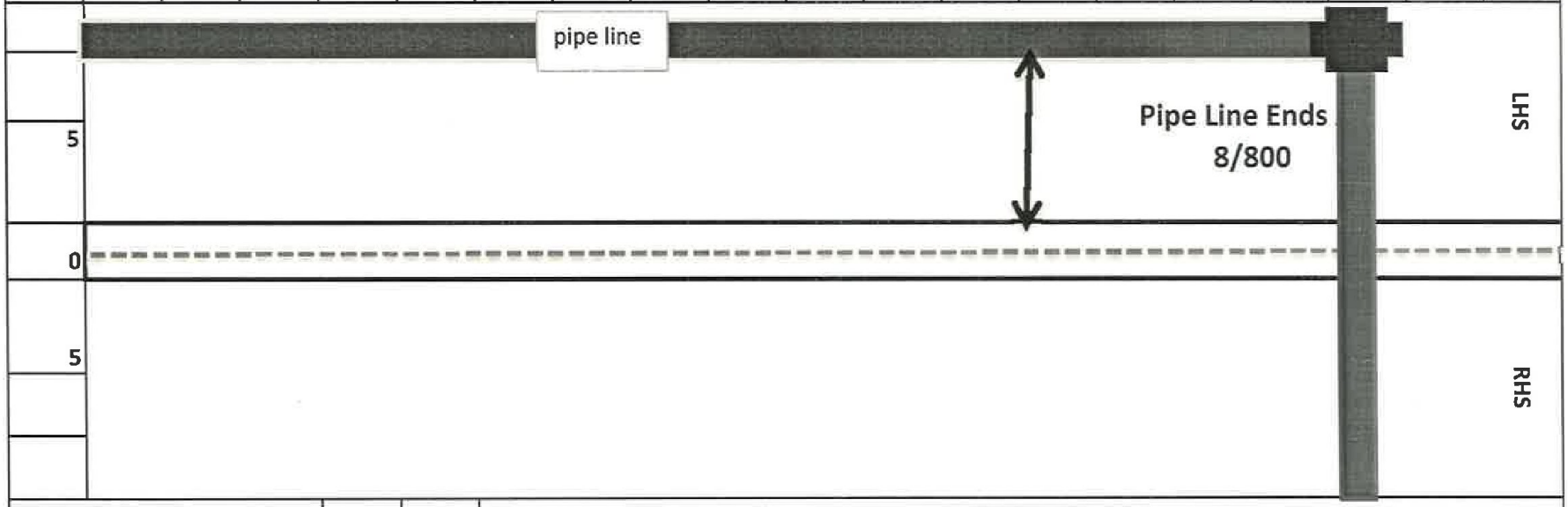
Proposed PipeLine Laying At NH-326A- R.O.W-Details P.No-5

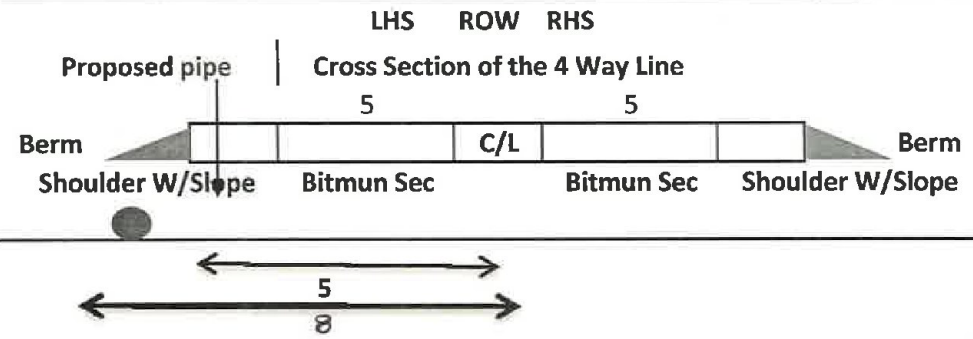
From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

Chainage From 8/0 to Chainage8/1000--(9)

8		8		8		8		8		8		8		8		8	8
0		100		200		300		400		500		600		700		800		900	1000



RHS-Laid Distance of the Pipe From C/L of the Road is	=	
Size of the Pipe Dia	=	1.0m
Length Of the Pipe	=	30
B.T.Surface-Sec	=	10
Berm Surface Sec	=	2+2



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Proposed PipeLine Laying At NH-326A- R.O.W-Details P.No-6

From Patapatnam Junction to Nowtala Jn (Not to Scale- All inMetres)

Chainage From 8/0 to Chainage8/1000--(9)

9		9		9		9		9		9		9		9		9	9
0		100		200		300		400		500		600		700		800		900	1000

5

Pipe Line Starts At
9/400, Ends At9/700

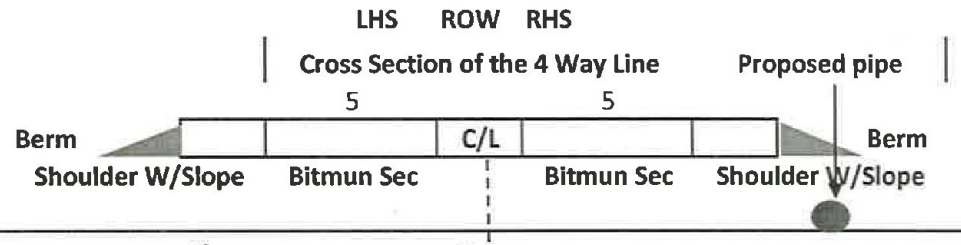
LHS

0

5

RHS

RHS-Laid Distance of the Pipe From C/L of the Road	=	
Size of the Pipe Dia	=	1.0m
Length Of the Pipe	=	30
B.T.Surface-Sec	=	10
Berm Surface Sec	=	2+2



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