



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

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

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

दूरभाष / Tele : 0866-2483910

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



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Ref:NHAI/RO-VJA/NOC/Airtel OFC-617.720-656.000/2021-22/1217

Dt: 08-06-2021

INVITATION OF PUBLIC COMMENTS


Sub: RO - Vijayawada - Proposal of M/s. Telesonic Network Ltd. for laying Optical Fiber Cable (OFC) along NH-16 from Km.617+720 to Km.656+000 including 4 crossings at Km.632+225, Km.641+260, Km.643+400 & Km.656+000 for a total length of 38.520 Km in Vizianagaram & Srikakulam Districts along NH-16 - **Public comments - Reg.**

The Project Director, PIU - Visakhapatnam submitted a proposal of M/s. Telesonic Network Ltd. for laying Optical Fiber Cable (OFC) OFC along NH-16 from Km.617+720 to Km.656+000 including 4 crossings at Km.632+225, Km.641+260, Km.643+400 & Km.656+000 for a total length of 38.520 Km in Vizianagaram & Srikakulam Districts in the State of Andhra Pradesh.

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

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

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


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



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय)

(MINISTRY OF ROAD TRANSPORT & HIGHWAYS)

परियोजना कार्यान्वयन इकाई (जि क्यू), भा.रा.रा.पा. एन्क्लेव, कि.मी. 2/8 रा.रा.5.,

Project Implementation Unit (GQ), NHAI Enclave, KM 2/8 NH-16

हनुमन्तवाका, विशाखपट्टणम - 530 040, ए.पि., भारत

Hanumanthavaka, Visakhapatnam - 530 040, A.P. India

oRef. No.: NHAI/PIU-VSP/Permissions-Airtel/2020-21/ 7780



भारतमाला

प्रगति के पथ पर अग्रसर

BHARATMALA
ROAD TO PROSPERITY

दूरभाष / Phone : 0891-2707600

2714119

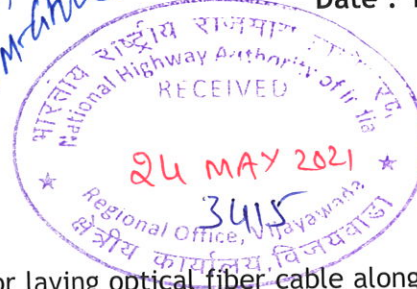
फाक्स / Fax No. : 0891-2714118

ई-मेल / E-mail : vis@nhai.org

Date : 17.05.2021

To

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



on file please
Jee
29/5
paw

Sub: NHAI, PIU, Visakhapatnam - Permission for laying optical fiber cable along the NH-16 from Km. 61.720 to Km. 632.225 & Km. 641.260 to Km. 643.400 (LHS) Km 632.225 to Km. 641.260 & 643.400 to Km 656.000 (RHS) and across the road at Km. 632.225 Km. 641.260, Km. 643.400, Km. 656.000 for a total length of 38.520 Kms in Vizianagaram and Srikakulam district in the state of Andhra Pradesh - Request for issuing NOC-regarding.

Ref: 1. Letter No. Airtel/STL/Visakhapatnam/NH-16/05 Dt. 12.01.2021 received on 05.02.2021
2. This office letter No. NHAI/PIU-VSP/IE-NAR-RAN/2021-21/7093 Dt. 11.02.2021
3. M/s LEC letter No. LION/IE-0418/2018/NHAI-APCO-NR/1488 Dt. 01.03.2021
4. ARARL/IE/NH-16/2020-21/692 Dt. 09.04.2021
5. AAEPL/NR-APCO/NHAI/2021-22/1603 Dt. 27.04.2021
6. MSV ARMENGE/IERA/NHAI/VSP/2021/1241 Dt. 30.04.2021.

1. Vide letter 01st cited, the Authorized Signatory, Airtel Telesonic Network Ltd., has submitted a proposal with a request to accord Permission for laying optical fiber cable along the NH-16 for a total length of 38.520 Kms in Vizianagaram and Srikakulam district in the state of Andhra Pradesh. The proposal has been forwarded to the Independent Consultant vide this office letter 02nd cited.
2. The subject proposal falls in i) 6-Laning of Ranasthalam to Annadapuram section and ii) 6- Laining Narasannapeta to Ranstalam section and thus concurrence/ report has been sought from both the Independent Engineers & Concessionaires. The proposal has been inspected and verified by Independent Engineers of this office and recommendations have been communicated vide reference 03rd and 6th cited and concessionaire's consent has also been submitted vide reference 4th and 5th cited, above.
4. The following documents are submitted by the Agency as per the MORTH guidelines dated 26.6.2020.
 - (a) Proposal letter
 - (b) Check List
 - (c) The ROW details as per available records are 60 mts.
 - (d) License deed / Lease agreement.
 - (e) Undertakings
 - (f) General Power of Attorney
 - (g) Strip plan

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>

- (h) Detailed description of methodology for crossing of Slurry pipeline and water pipeline along with OFC.
- (i) Detailed description of standard technical specification for laying of underground slurry pipeline and water pipeline along with OFC
- (j) License fee estimate
- (k) Cross section of Road crossing drawing.
- (l) Cross section of open trench method

6. In view of the recommendations of the Consultants, the proposal submitted by M/s Airtel Telesonic Network Lmd, for permission for Km. 617.720 to Km. 632.225 & Km.641.260 to Km. 643.400 (LHS) Km 632.225 to Km. 641.260 & 643.400 to Km 656.000 (RHS) and across the road at Km.632.225 Km. 641.260, Km. 643.400, Km. 656.000 for a total length of 38.520 Kms is herewith recommended for communicating the approval of Competent Authority.

Encl: Proposal in two sets
(01 Original + 01 Duplicate)

Yours faithfully,


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

ANNEXURE - I **Calculation of License Fees & Bank Guarantee Amount**

Permission for laying optical fiber cable along the NH-16 from Km. 617.720 to Km. 632.225 & Km.641.260 to Km. 643.400 (LHS) Km 632.225 to Km. 641.260 & 643.400 to Km 656.000 (RHS) and across the road at Km.632.225 Km. 641.260, Km. 643.400, Km. 656.000 for a total length of 38.520 Kms in Vizianagaram and Srikakulam district in the state of Andhra Pradesh under the jurisdiction of NHAI, PIU, Visakhapatnam

Sl. No.	Name of Village	Chainage		Length	Width	Area required Sq. Mtrs.	Prevailing rate of Land in Rs./acre (As per Revenue Records)	Prevailing rate of Land in Rs./Sq.Mtrs.	Amount Rs.	Remarks
1	Chilakapalem	617.720	621.200	3.480	0.420	1,461.60	25,00,000	618	9,02,923	
2	Allinagaram	621.200	624.300	3.100	0.420	1,302.00	25,00,000	618	8,04,328	
3	Budumuru	624.300	626.500	2.200	0.420	924.00	12,50,000	309	2,85,407	
4	Bejjipuram	626.500	628.400	1,900	0.420	798.00	13,00,000	321	2,56,347	
5	Bonthupeta	628.400	631.300	2,900	0.420	1,218.00	13,00,000	321	3,91,267	
6	Thallavalasa	631.300	634.700	3,400	0.420	1,428.00	13,00,000	321	4,58,726	
7	Seetampeta	634.700	637.200	2,500	0.420	1,050.00	15,00,000	371	3,89,191	
8	Ranasthiam	637.200	642.400	5,200	0.420	2,184.00	15,00,000	371	8,09,517	
9	Nelivada	642.400	645.600	3,200	0.420	1,344.00	11,00,000	272	3,65,321	
10	Kandivalasa	645.600	647.500	1,900	0.420	798.00	17,50,000	432	3,45,083	
11	Pusapatirega	647.500	652.200	4,700	0.420	1,974.00	35,00,000	865	17,07,251	
12	Perapuram	652.200	656.000	3,800	0.420	1,596.00	30,00,000	741	11,83,141	
	crossing of Roads									
	Thallavalasa	632.225		60	0.100	6.00	13,00,000	321	1,927	
	Ranasthalam	641.260		60	0.100	6.00	15,00,000	371	2,224	
	Nelivada	643.472		60	0.100	6.00	11,00,000	272	1,631	
	Perapuram	656.000		60	0.100	6.00	30,00,000	741	4,448	
				38,520	0.300	11,556.00				
	Total Amount									
	License Fees (Rs./month) = 79,08,732/10*12									79,08,732
	Total License Fees for 5 years = 65,906*12*5									65,906
										39,54,366

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 and <= 1000 mm dia/width) + Total No. of route meters x Rs. 100/- per route meter (< 300 mm dia/width)	
= 38280*250+240*100 = 95,94,000	95,94,000


 GM (T) & Project Director


 Dy M (T)

CERTIFICATE

- 1 It is certified that the proposal for "Permission for laying optical fiber cable along the NH-16 from Km. 617.720 to Km. 632.225 & Km.641.260 to Km. 643.400 (LHS) Km 632.225 to Km. 641.260 & 643.400 to Km 656.000 (RHS) and across the road at Km.632.225 Km. 641.260, Km. 643.400, Km. 656.000 for a total length of 38.520 Kms in Vizianagaram and Srikakulam district in the state of Andhra Pradesh" 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 the six laning of the subject chainages has already been completed (M/s Ashoka) / under completion (M/s Apco).
3. It is certified that the details of the proposed permission shall be entered in the Register of Records of the Permission maintained by PIU.


GM (T) & Project Director


(Prashant Kumar Mishra)
Dy. Manager (Tech)



MSV INTERNATIONAL INC.

In Association with

ARMENGE ENGINEERING AND MANAGEMENT CONSULTANTS PVT. LTD.

ISO 9001: 2015
Certified Company

MSV International. 1

Project Office

2nd Floor, D. No: 1-55/9, St.

Bindra Nagar, Madhura

Visakhapatnam - 530048

Email:

msvarmenge.ranasthalam@gmail.com

CONSULTANCY SERVICES FOR THE IE SERVICES FOR SIX LANEING OF RANASTHALAM-ANANDAPURAM OF NH-16 IN THE STATE OF ANDHRA PRADESH

MSV ARMENGE/IERA/NHAI/VSP/2021/1241

Date: 30.04.2021

To,

The Project Director

National Highway Authority of India

Project Implementation Unit, NHAI Enclave, in 2/8 at NH-5

Old Dairy farm Compound Hanumanthavaka,

Visakhapatnam -530040.



NHAI PIU	VSP
Mgr. (T)	
Dy.M (T)	✓
PS (MLN)	
PA (RVG)	
ACCTS	
SE-1	✓
SE-2	
SE-3	

Sub: - Six laning of Ranasthalam – Anandapuram section of NH-16 from km. 634.000 to km. 681.000 in the state of Andhra Pradesh under NHDP phase - V on Hybrid Annuity mode – **Permission to lay OFC along the Chilakapalem - Nathavalasa of NH-16 road from Km.617.720 to Km.632.225 and Km.641.260 to Km.634.400 (LHS), Km.632.225 to Km.641.260 and from Km.634.400 to 656 (RHS) and across the road at Km.632.225, Km.641.26, Km.643.400 and from Km.656 for a total length of 38,520m - Request to Check the proposal and submit your report – Reg.**

- Ref. 1. Proposal Submitted by M/s Telesonic network Ltd. (Airtel) vide Lr. No. Airtel/STL/Visakhapatnam/NH-16/05 dated.12.01.2021 received from the Office on 05.02.2021
2. NHAI/PIU-VSKP/IE/RAN-ANDPR/2020/7394 dated. 22/03/2021
3. MSV ARMENGE/IERA/ARARL/VSP/2021/1221 dated.27/03/2021
4. ARARL/IE/NH-16/2020-21/692 dated.09.04.2021
5. MSV ARMENGE/IERA/NHAI/VSP/2021/1237 dated.22/04/2021
6. Policy Guidelines/Norms for Accommodation of Public and Industrial Utility services along and across National Highways , issued by MoRTH, S&R® ZONE vide F.No. RW/NH-33044/29/2015/S&R(R) Dated 22.11.2016.
7. E-mail received from PD,PIU, VSKP dated.24.04.2021 at 05:23PM

Dear Sir,

- This has reference to the above subject, vide under reference 1st cited above therewith submitted on the compliance of this office vide letter under reference 5th cited above, a revised proposal from M/s Telesonic Network Ltd., (Airtel) for Right of way (ROW) permission for laying of Optical Fiber Cable (OFC) along the road NH-16 from from Km.617.720 to Km 632.225 & km 641.260 to Km 643.400 on LHS and Km 632.225 to Km 641.260 & Km 643.400 to Km 656.000 for a total length of 38520 meter under the jurisdiction of NHAI, PIU, Visakhapatnam received through NHAI, PIU, Visakhapatnam vide letter under reference 2nd cited above.
- In this regard, the above proposal has been examined and conducted the site visit along with M/s Telesonic Network Ltd., (Airtel) representative on 31.03.2021 pertaining to the stretch of Ranasthalam – Anandapuram section (From Km.634.400 to Km.656.000) and the following are the observations.

BY

- I. The ROW details as per the Schedule -A of Concession agreement is From KM 634.400 to KM 650.900 & from KM 651.400 to KM 655.200 - 60Mts (LHS 30m + RHS 30m), From KM 650.900 to KM 6651.400 - 45 Mts (LHS 22.50 + RHS 22.50) and From KM 655.200 to KM 656.000 – 70 Mts (LHS 35.00 + RHS 35.000).
 - II. The Check List submitted for laying of Optical Fiber Cable (OFC) as per latest MoRTH guide lines dated 22.11.2016 by the Individual is duly verified for relevant information against each item and are found to be in order of specified MORTH guidelines.
 - III. The proposal for laying of Optical Fiber Cable (OFC) is HDD method only.
 - IV. The applicant has submitted the methodology & Under taking Crossings at the Existing Bridges/Culverts , No Utility Services shall be laid over existing culverts and bridges except through the utility ducts where such provisions exists. In case of absence of such provisions the licensee shall make own arrangements for crossing of cross drainage structures, river, etc., below the bed level.
- 3. The applicant has not submitted any documents showing the various safety clearances from the respective Authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosives Safety Organization, Oil Industry, Safety Directorate, State/Central Pollution Control Board and any other statutory clearances as applicable, which must be obtained by the Applicant before applying to the Highways Administration as per Para 4 of MoRTH guidelines vide under reference 6th cited above.**
4. The following documents are submitted by the Agency as per the revised/latest guidelines.
 - a) Proposal Letter addressed to PD/NHA/PIU, Visakhapatnam.
 - b) Check List.
 - c) Signed copy of Draft license deed.
 - d) Power of Attorney in support of Authorized Signatory for signing the proposals.
 - e) Indemnity Bond.
 - f) Methodology for laying of OFC Cable.
 - g) Necessary Affidavit/Undertakings submitted as per checklist Sno.5 (i.e 5.1 to 5.9).
 - h) Land Valuation Certificates & License fee calculations.



Ashoka Ranastalam Anandapuram Road Limited.
1st Floor, Door No. 5-89/1, Assessment No.286,
Vemulavalasa, Anandapuram, Visakhapatnam, India

Ref. No. ARARL/IE/NH-16/2020-21/692

Date: 09/04/2021

To,
Team Leader,
M/s MSV International Inc. in association with
ARMENGE Engineering and Management Consultants Pvt. Ltd.
2nd Floor, D.No. 1-55/9, Shipyard Layout,
Visakhapatnam-530041

Sub: Six-laning of Ranastalam - Anandapuram section of NH-16 from km 634.000 to km 681.000 in the State of Andhra Pradesh under NHDP Phase- V on Hybrid Annuity Mode - Permission to lay OFC along the Chilakapalem - Nathavalasa of NH-16 road from Km.617.720 to Km.632.225 and Km.641.260 to Km.634.40(LHS), Km.632.225 to Km.641.260 and from Km.634.400 to 634.656(RHS) and across the road at Km.632.225, Km.641.26, Km.643.400 and from Km.656 for a total length of 38,520m -Request to check the proposal and submit your report - Reg

- f: 1. Proposal Submitted by M/s Telesonic network Ltd. (Airtel) vide Lr. No- Airtel/STL/Visakhapatnam /NH-16/05 dt.12.01.2021 received from the Office on 05.02.2021
2. NHAI/PIU-VSP/IE/RAN-ANDPR/2020/7394 dt.22.03.2021
3. MSV ARMENGE/IERA/ARARL/VSP/2021/1221 dt.27.03.2021

Dear Sir,

In sequel to the above, a joint inspection had been conducted by the representative of Independent Engineer and the Concessionaire. Accordingly the following is submitted :

1. OFC should be laid within the Utility Corridor of 2m at the edge of Right of Way.
2. No open trenching method should be resorted to while crossing the road.
3. The laying of OFC or doing permanent or temporary pit should not cause any damages/ defects in road, structure, road side furniture etc.
4. If any defects are found after OFC is laid, then it has to be rectified by the agency at their cost.

This is submitted for your information, please.

Thanking you,
Yours truly,
For Ashoka Ranastalam Anandapuram Road Limited.

(Naveen Chakravarthy Vedula)
Authorized Signatory

Position	Action	Seen
TL		By 09/04/21
RE		
BE		
ME		

Copy to - Project Director - PIU (GQ), NHAI Enclave, Km 2/8, Hanumanthavaka,
Visakhapatnam- 530040 - for favour of his kind information.

Regd Office : Unit No. 403, 4th Floor, City Center, Plot No. 5, Sector 12, Dwarka, New delhi-110 075, Delhi, India.
Corporate Office: Ashoka House, Ashoka Marg, Nashik 422 011, Maharashtra, India • Tel +91 253 3011705
Fax +91 253 2422704 • corporate@ashokabuildcon.com • www.ashokabuildcon.com
CIN:U45500DL2017PLC315722

i) Certified copy of the Lay out plan showing the details like ROW details and proposed laying of cable.

5. Hence, in view of the above, it is satisfying with the revised/latest Ministry guide lines dated 22.11.2016 for recommending to consideration and according Right of way permission duly complying of the above Point No 3 to M/s. Telesonic Networks limited(Airtel) for laying of Optical Fiber Cable (OFC) along the road NH-16 From KM 634.400 to KM 656.000 (LHS to RHS).

This is submitted for favor of information and necessary action please.

Yours faithfully



Ashok B Yadav
Team Leader

Encl: - As above.

Copy to: - Concessionaire-Ashoka RanasthalamAnadapuram Road Limited 1st Floor, D.No5-89/1, Vemulavalasa, Anadapuram, Visakhapatnam, India (Without Enclosed).



LION ENGINEERING CONSULTANTS PVT. LTD.

"Contributing in Building the Infrastructure of the Nation"

CIN No. U74999MP2020PTC050788

Sri Sobha Rani Nilayam,

1st Floor, Satyanarayana Nagar,
Opp. Durga Temple, Kusalapuram (Village),
Fareed Peta (Post), Etcherla (Mandal),
Srikakulam (District), Andhra Pradesh-532405,
Tel: 08942-271799.

Date: 01.03.2020.

Letter No. LION/IE-0418/2018/NHAI-APCO-NR /1488

To,

The Project Director

Project Implementation Unit (GQ),

National Highways Authority of India (NHAI) Enclave,

KM 2/8 NH-16, Hanumanthavaka, Visakhapatnam- 530 040, A.P., India

Email: vis@nhai.org nhaipiuvsp@gmail.com.

Sub : Independent Engineer Services for Supervision of Six Laning of Narsannapeta-Ranastalam Section of NH-16(Old NH-5) from design km 580.671 (Existing km 580.700) to design km 634.861(Existing length 634.000) (Design Length=54.19 km) in the State of Andhra Pradesh under NHDP Phase-V on Hybrid Annuity Mode. "Request for Right of way (ROW) permission for laying of Optical Fiber Cable (OFC) along the road NH-16 from Km.617.720 to Km 632.225 & km 641.260 to Km 643.400 on LHS and Km 632.225 to Km 641.260 & Km 643.400 to Km 656.000 on RHS and across the road at Km 632.225, Km 641.260, Km 643.400 & KM 656.000 for a total length of 38520 meter under the jurisdiction of NHAI, PIU, Visakhapatnam - Report furnished- Reg.

- Ref:
1. your office letter no. NHAI/PIU-VSP/IE-NAR-RAN/2020-21/7093 dated 11.02.2021
 2. M/s Telesonic Network Ltd., (Airtel) letter no. Airtel/STL/VISAKHAPATNAM/NHAI-16/05 Dated 12.01.2021 addressed to PD/NHAI/PIU- Visakhapatnam.
 3. This office letter No. LION/IE-0418/2018/NHAI-APCO-NR /1335 dated 03.12.2020.
 4. your office letter no. NHAI/PIU-VSP/Airtel-OFC/2020-21/6430 dated 17.11.2020 received on 23.11.2020 by post.
 5. M/s Telesonic Network Ltd., (Airtel) letter no. Airtel/STL/VISAKHAPATNAM/NHAI-16/01 Dated 03.10.2020 addressed to PD/NHAI/PIU- Visakhapatnam.
 6. Policy Guidelines/Norms for Accommodation of Public and Industrial Utility services along and across National Highways , issued by MoRTH, S&R@ ZONE vide F.No. RW/NH-33044/29/2015/S&R(R) Dated 22.11.2016.

Sir,

1. This has reference to the above subject, vide under reference 2nd cited above therewith submitted on the compliance of this office vide letter under reference 3rd cited above, a revised proposal from M/s Telesonic Network Ltd., (Airtel) for Right of way (ROW) permission for laying of Optical Fiber Cable (OFC) along the road NH-16 from from Km.617.720 to Km 632.225 & km 641.260 to Km 643.400 on LHS and Km 632.225 to Km 641.260 & Km 643.400 to Km 656.000 on RHS and across the road at Km 632.225, Km 641.260, Km 643.400 & KM 656.000 for a total length of 38520 meter under the jurisdiction of NHAI, PIU, Visakhapatnam received through NHAI, PIU, Visakhapatnam vide letter under reference 1st cited above.
2. In this regard, the above proposal has been examined and conducted the site visit along with M/s Telesonic Network Ltd., (Airtel) representative on 27.02.2021 pertaining to the stretch of Narasannapeta - Ranasthalam section (From Km 617/720 to Km 634.000) and the following are the observations.
 - I. The ROW details as per the Schedule -A of Concession agreement is From KM 617.000 to KM 631.00 & from KM 632.400 to KM 634.000 - 60mts (LHS 30m + RHS 30m) and From KM 631.000 to KM 632.400 45 Mts (LHS 22.50 + RHS 22.50).

- II. The Check List submitted for laying of Optical Fiber Cable (OFC) as per latest MoRTH guide lines dated 22.11.2016 by the Individual is duly verified for relevant information against each item and are found to be in order of specified MORTH guidelines.
 - III. The proposal for laying of Optical Fiber Cable (OFC) is HDD method only.
 - IV. The applicant has submitted the methodology & Under taking Crossings at the Existing Bridges/Culverts , No Utility Services shall be laid over existing culverts and bridges except through the utility ducts where such provisions exists. In case of absence of such provisions the licensee shall make own arrangements for crossing of cross drainage structures, river, etc., below the bed level.
3. The applicant has not submitted any documents showing the various safety clearances from the respective Authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosives Safety Organization, Oil Industry, Safety Directorate, State/Central Pollution Control Board and any other statutory clearances as applicable, which must be obtained by the Applicant before applying to the Highways Administration as per Para 4 of MoRTH guidelines vide under reference 6th cited above.
4. The following documents are submitted by the Agency as per the revised/latest guidelines.
- a) Proposal Letter addressed to PD/NHA/PIU, Visakhapatnam.
 - b) Check List.
 - c) Signed copy of Draft license deed.
 - d) Power of Attorney in support of Authorized Signatory for signing the proposals.
 - e) Indemnity Bond.
 - f) Methodology for laying of OFC Cable.
 - g) Necessary Affidavit/Undertakings submitted as per checklist Sno.5 (i.e 5.1 to 5.9).
 - h) Land Valuation Certificates & License fee calculations.
 - i) Certified copy of the Lay out plan showing the details like ROW details and proposed laying of cable.
5. Hence, in view of the above, it is satisfying with the revised/latest Ministry guide lines dated 22.11.2016 for recommending to consideration and according Right of way permission duly complying of the above Point No 3 to M/s.. Telesonic Networks limited(Airtel) for laying of Optical Fiber Cable (OFC) along the road NH-16 from Km.617.720 to Km 632.225 on LHS & Km 632.225 to Km 634.000 on RHS and across the road at Km 632.225 (From LHS to RHS).

This is submitted for favour of information and necessary action please.

Thanking You,

Yours sincerely,

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

(G. Ellappan)

Team Leader

Copy to: Corporate Office , Lion Engineering Consultants Pvt Ltd., Bhopal.

APCO Arasavalli Expressway Private Limited

(An SPV for Development of Narasannapeta - Ranastalam Section of NH-16)

CIN : U45309UP2017PTC099555



Ref: AAEPL/NR-APCO/NHA/2021-22/ -1603

Date: 27.04.2021

To

The Project Director

PIU - National Highways Authority of India

Hanumanthavaka Junction

Visakhapatnam

Andhra Pradesh



Project: Six laning of Narasannapeta-Ranastalam section of NH-16 (Old NH-5) from design Km 580.671 (Existing Km 580.700) to design Km 634.861 (Existing Km 634.000) (Design Length- 54.19 Km) in the State of Andhra Pradesh under NHDP Phase-V on Hybrid Annuity Mode

Subject: Request to verify the proposal of M/s Telesonic Network Ltd(Airtel) and furnish report along with recommendations -Submission of Consent reg.

Reference:

1. Concession Agreement (CA) dated: 18.01.2018
2. Authority's letter no: NHA/PIU-VSP/Airtel-OFC/2020-21/6430, dtd: 17.11.2020

Dear Sir,

This has reference to Authority's letter under s.no (2), regarding the subject matter; vide which Authority has requested the Concessionaire for providing consent on the proposal submitted by M/s Telesonic Network Ltd regarding seeking permission for laying of OFC along the NH-16 under the jurisdiction of PIU, Visakhapatnam.

In this regard, Concessionaire do not have any objections in providing access permission to the agency for implementation of OFC works, provided agency shall comply the following:

1. Agency shall provide the OFC layout and drawings showing offset and depth of cables proposed to be laid along the project stretch, before start of works and take a Consent of Authority/Concessionaire.
2. Coordination with Concessionaire/other Concerned while implementation of OFC laying and proper execution of works by M/s Telesonic Network Ltd is so as not to damage the NHA's/Concessionaire's road furniture, drains, various other utilities and facilities exist in the utility corridor.
3. In case of any damage to NHA's/Concessionaire's/other properties by the agency during the execution, the agency has to rectify the damaged works with its own cost.

In view of above conditions, Concessionaire is submitting its Consent for providing access permission for laying of OFC along the NH-16 pertaining to our project stretch i.e from Km.617.000 to 634.861 and requests the Authority/M/s Telesonic Network for careful execution of OFC works fulfilling the conditions cited above.

The above is for your information and further needful please.

Yours faithfully,

For APCO Arasavalli Expressway Pvt Ltd.

B. S. Swamy
Authorized Signatory



Copy to: The Independent Engineer, Lion Engineering Consultants, Etc (M), Srikakulam (AP) - 532410 - for kind information

NHA/PIU	VSP
Mgr (T)	
Dy.M (T)	✓
PS (MLN)	
PA (M)	
ACCTS	
SE-2	
SE-3	

Corporate Office

UNIVERSAL TRADE TOWER, 4th Floor, Sohna Road, Sector 48-49, Gurugram-122 101 (HR.) P +91 124 4417300

Head Office

APCO House, B-9, Vibhuti Khand, Gomti Nagar, Lucknow - 226 010 (U.P.) P +91 522 4036111, 2720520/21 F +91 522 4036130

admin@apcoinfra.com www.apcoinfra.com

Annexure-1

CHECK-LIST

Guidelines for Project Directors for processing the proposal of laying optical fiber cable by private parties in the land along National Highways vested with NHAI.

Relevant circulars

- Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.09.2000
- NHAI's circular No. NHAI/OEC/2k/Vol II dated 7.11.2000, which includes the comprehensive guideline and draft license agreement for laying of OFC cable by private party in the land along National Highway vested with NHAI.
- Ministry's circular No. RW/NH-33044/27/2015-S&R(R) dated 22.11.2016. It is regarding the modification of previous Ministry's circular enhancing the amount of Performance Bank Guarantee and Charges for granting license for use of highway land.

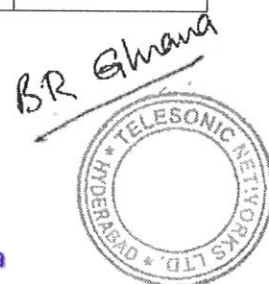
Check list for getting approval for laying of optical fiber cables on NH land

S. No.	Item	Information/Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	Telesonic Networks Ltd, 1-8-437,438,364 & 445, Splendid Towers Opp. Begumpet Police Station, Hyderabad-500016	
1.2	National Highway Number	NH-16	
1.3	State	Andhra Pradesh	
1.4	Location	Between Chlakapalem to Nathavalasa	
1.5	(Chainage in km)	Km.617.720 to Km.632.225 & Km 641.260 to 643.400 (LHS) Km 632.225 to 641.260 & Km 643.400 to 656 (RHS)	
1.6	Length in Meters	38.520 M (Along the Road 38280 M & Road crossings 4 X 60 M=240 M)	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	617.720 to 631.46 = 30 mtrs 631.460 to 633.860 = 30 mtrs 632.860 to 632.460 = 30 mtrs	
	(b) Right side from center line towards increasing chainage/km direction	617.720 to 631.46 = 30 mtrs 631.460 to 633.860 = 30 mtrs 632.860 to 632.460 = 30 mtrs	

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1.8	Proposal to lay the cable		
	(a) Left side from center line towards increasing chainage/km direction	Yes, as per Drawings attached (Utility Corridor)	
	(b) Right side from center line towards increasing chainage/km direction	Yes, as per Drawings attached (Utility Corridor)	
1.9	Proposal to acquire land	NA	
	(a) Left side form center line	-	
	(b) Right side from center line	-	
1.10	Whether proposal is in the same side where land is not to be acquired	yes	
	If not then where to lay the cable		
1.11	Details of already laid services, if any, along the proposed route	-	
1.12	Number of lanes (2/4 / 6/8 lanes) existing	6 lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	Yes	
	If yes then which side		
	(a) Left side from center line	yes	
	(b) Right side from center line	yes	
1.15	Proposed Service Road	NA	
	(a) Left side from center Line		
	(b) Right side from center line		
1.16	Whether proposal to lay cable is after the service road or between the service road and main carriageway	After the service road	
1.17	The permission for laying OFC shall be considered for approval/rejection		
	(i) Where the ROW is more than 45 m then the duct cable shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening.	Yes	

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	(ii) where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4-laning.	NA	
	(iii) Where the widening plan for 4-laning is not yet decided and available ROW is around 30m or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5m to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans.	NA	
	(iv) Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain.	NA	
	(v) Where land strip for utility corridor cannot be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.	NA	
1.18	No. of applicants on the same stretch	1	
1.19	Whether the case of multiple licenses	No	
1.20	If so furnish a joint implementation programmer to lay their respective ducts within stipulated time frame.	NA	
1.21	If crossings of the road involved If Yes it shall only be through trench-less technology	Yes @ Km 632.225, Km 641.26, Km. 643.400 & Km 656 By HDD Method	

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2.	Document/Drawings enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m (Min.) deep x 0.42m wide) Should not be greater than 1.2m in width in multiple ducts.	Yes, Enclosed	
2.2	Cross section showing the size of pit and location of cable for HDD method	Yes Attached	
2.3	Strip plan/Route Plan showing the OFC, Chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Yes, Attached as per the Drawing	
2.4	Methodology for laying of OFC	Laying Methodology Attached	
2.4.1	Open trenching method. If yes, Methodology of refilling of trench	Back fill the soil excavated with Compaction @ every 300mm	
2.4.2	Horizontal Directional Drilling (HDD) Method	Only for Road Crossing	
2.4.3	Laying OFC Through CD Works And Method Of Laying (Whether to be hung outside parapet)	No	
3.	Draft license Agreement signed by two witnesses	Yes	
4.1	Performance Bank Guarantee		
4.2	Confirmation of BG has been obtained as per NHAI guidelines	BG shall be submitted as per NHAI Guidelines	
5	Affidavit/ Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes ; Enclosed	
5.2	Renewal of Bank Guarantee	Yes, will be obtain after submission of BG	
5.3	Confirming all standard condition of NHAI's guideline	Yes ; Enclosed	
5.4	Shifting of OFC as and when required by NHAI	Yes ; Enclosed	

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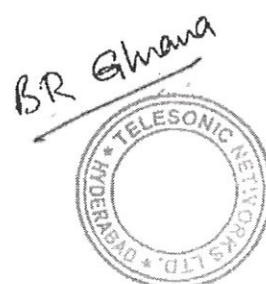
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Project Director
National Highways Authority of India
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5.5	Shifting due to 6 lanning / widening of NH	Yes ; Enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes ; Enclosed	
5.7	Traffic movement during laying of OFC to be managed by the applicant	Yes ; Enclosed	
5.8	If any claim is raised by the Concessionaries then the same has to be paid by the applicant	Yes ; Enclosed	
5.9	Certificate for 6-lanning from the applicant in following format "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six-lanning or any other development."	Yes ; Enclosed	
6.	Power of Attorney in favour of authorized signatory	Yes ; Enclosed	
7.	Copy of DOT license	Yes ; Enclosed	
8.	Certificate from the Project Director	Yes, Enclosed	
8.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.9.2000 and NHAI's guidelines issued vide No. NHAI/OEC/2k/Vol II dated 7.11.2000 and Ministry's Circular No. RW/NH-33044/27/2015-S&R(R) dated 22.11.2016.	Undertaking Enclosed	
8.2	Certificate for 6-lanning from PD in the following format.	NA, as stretch is already 6 lane / under 6 lanning.	

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	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location. (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning".		
9.	The agreement fee of Rs. 1 shall be charged	NA	
10.	If NH section proposed to be taken up by NHAI on BOT basis - a clause in para 17 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 of way to the concessionaire under the concession agreement for upgradation of Section from Km. To Km..... on Build, Operate and Transfer basis and therefore, the licensee shall honour the same."	Yes	
11.	Who will supervise the work of laying of OFC	Telesonic networks Limited	
12.	Who will ensure that the defects in road portion after laying of OFC are corrected and if not corrected then what action will be taken.	Telesonic networks Limited	
13.	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire	Telesonic networks Limited	

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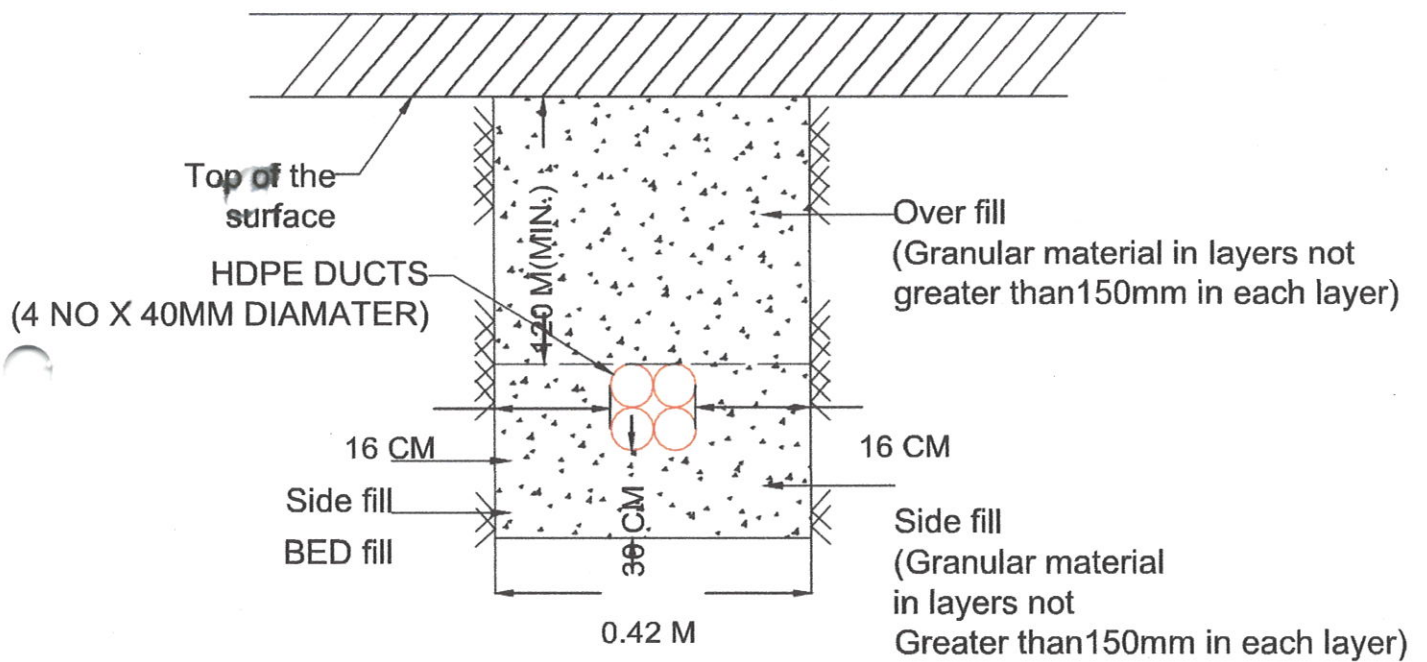
14.	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed) issued vide Ministry Circular No. RW/NH-33044/27/2015-S&R(R) dated 22.11.2016.	Yes, Enclosed Annexure-III	
15.	If any previous approval is accorded for laying of cable then Photocopy of register of records of permissions accorded as maintained by PD (as per Ministry Circular No. RW/NH-33044/27/2015-S&R(R) dated 22.11.2016) as referred in para 13 above is enclosed or not.	No	

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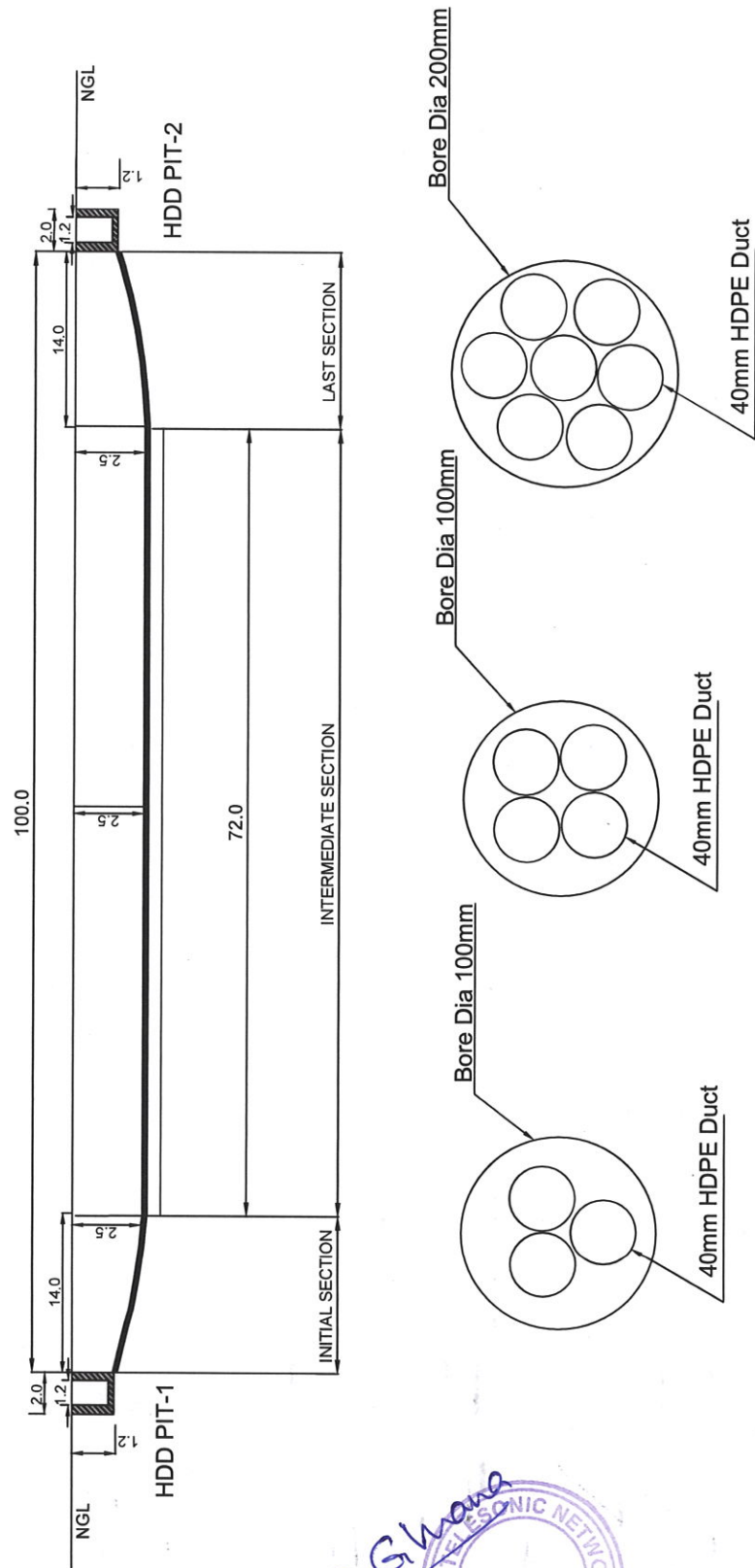
TRENCH CROSS SECTION FOR 4 HDPE DUCTS



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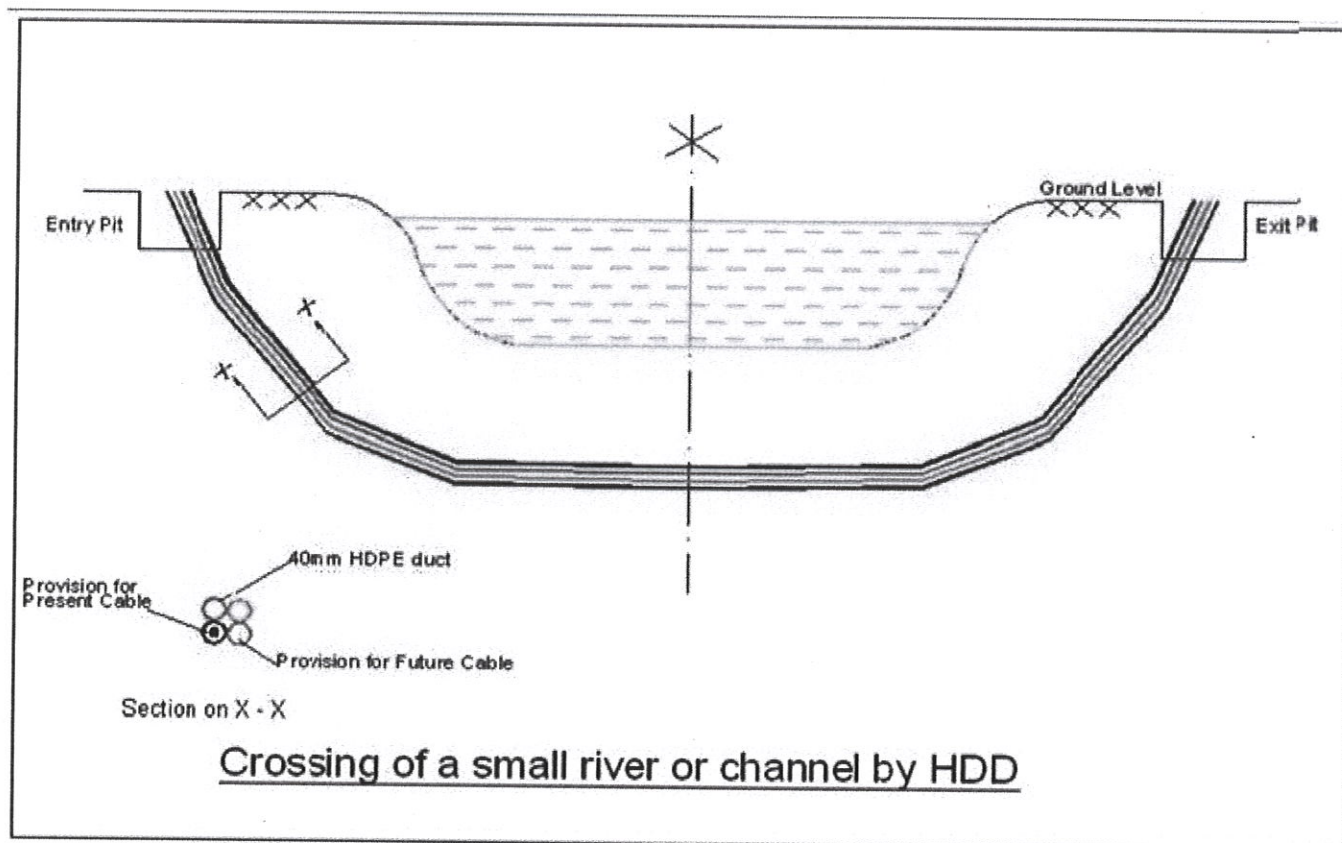
Typical Cross Sectional For HDD



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Methodology of OFC Laying



Route Markers

Route markers made of RCC (1:2:4) shall be provided at a distance of every 250 meters or wherever there are crossings or major deviation in the route from being straight. Additionally route markers shall be installed on both sides of the crossing. Route markers shall also be put at duct coupler locations and man-hole and Handhole locations. Markers shall be of length 1250 mm with base of 100 mm x 250 mm tapering to 100 mm x 200 mm. Name/logo of Owner shall be engraved on the surface of marker. Aboveground surface of route marker shall be painted in Blue colour. Route Markers placed at coupler locations shall be painted yellow. Markers placed at the man-holes shall be painted red in colour. Owner name/logo shall be filled with fluorescent white.

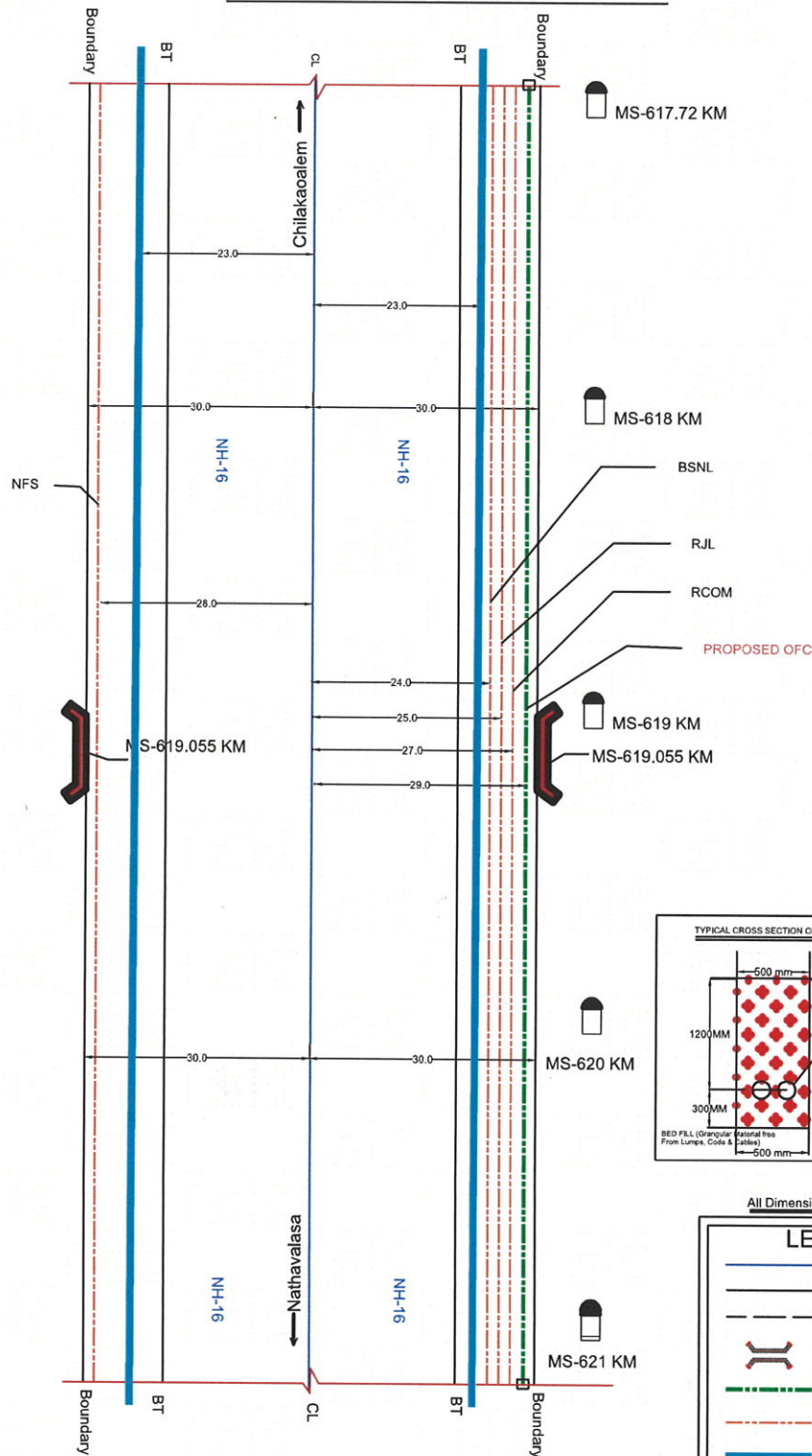
Man Holes/Hand holes

Size of Manholes made of RCC is 1.0m dia and depth 1.1m depth. They will be placed 500mm below GL and will be placed each at 1.0Km distance.

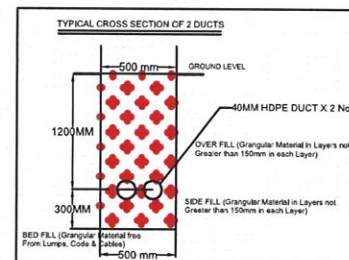


ROW PLAN FOR - NH - 16 CHILAKAPALEM TO NATHAVALASA

SHEET NO.01



SECTION LENGTH=4 KM

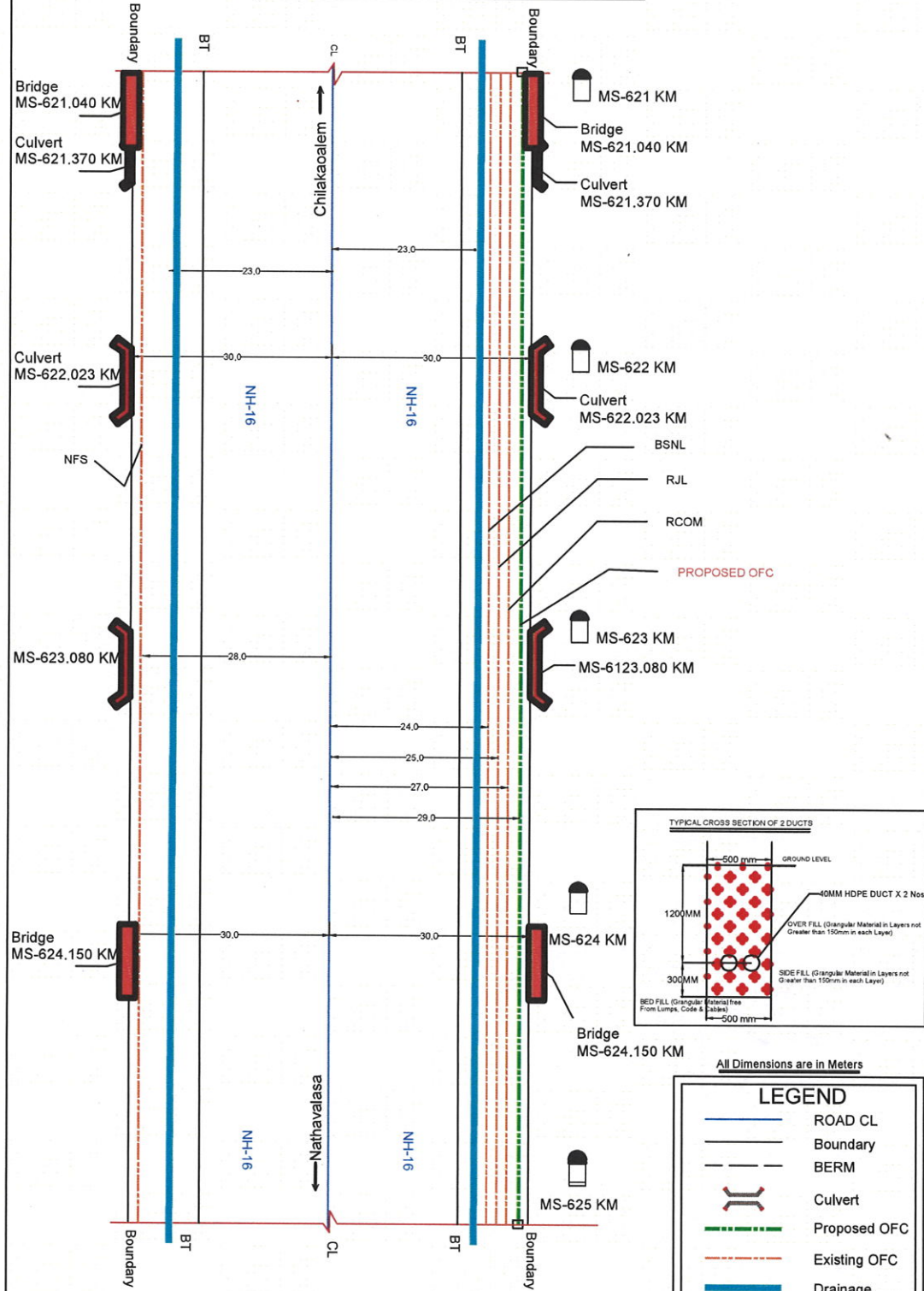


All Dimensions are in Meters

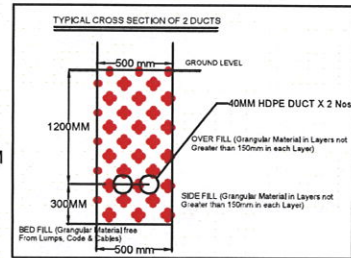
LEGEND	
	ROAD CL
	Boundary
	BERM
	Culvert
	Proposed OFC
	Existing OFC
	Drainage
SCALE	NOT TO SCALE

ROW PLAN FOR - NH - 16 CHILAKAPALEM TO NATHAVALASA

SHEET NO.02



SECTION LENGTH=4 KM



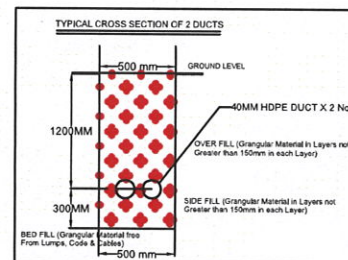
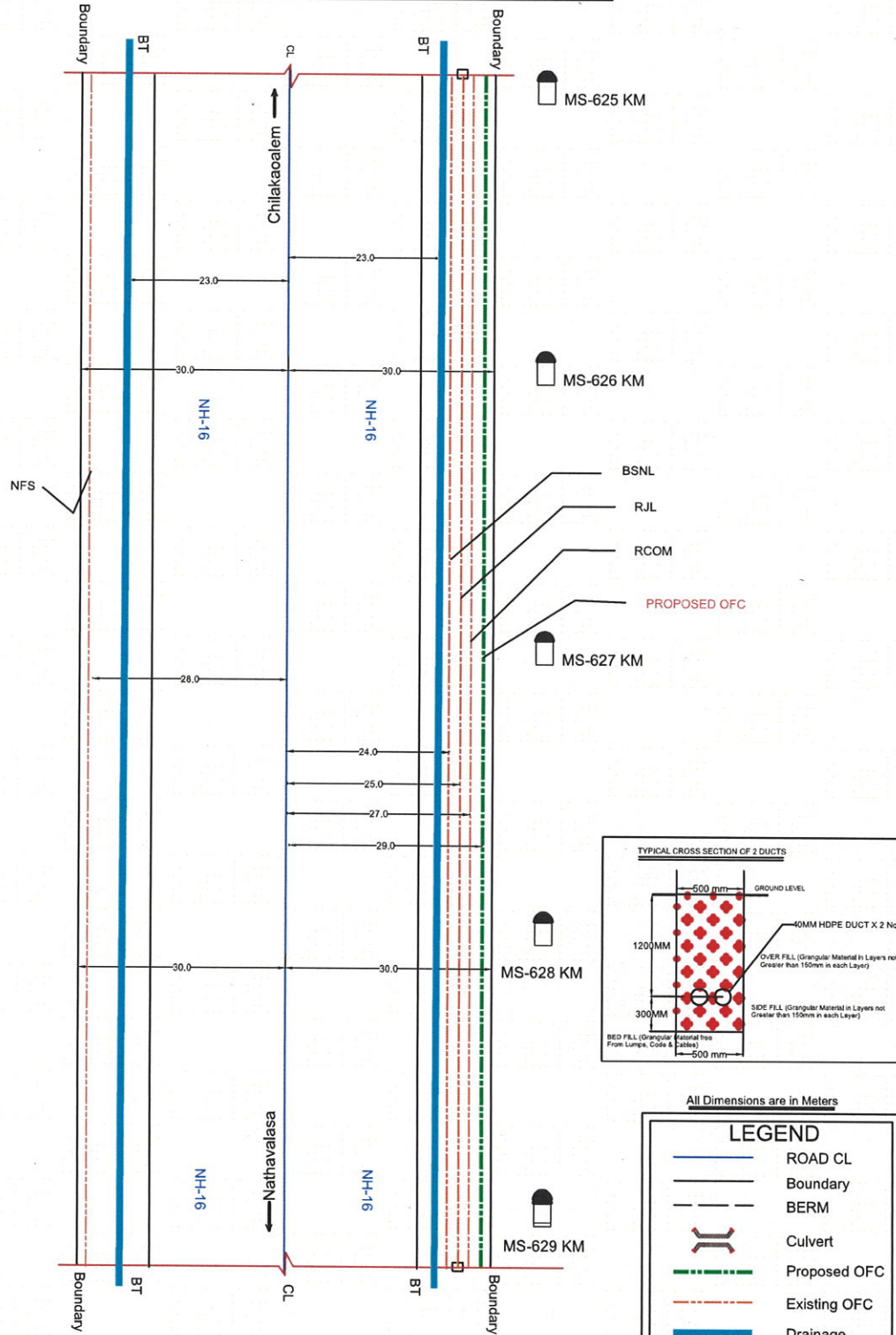
All Dimensions are in Meters

LEGEND	
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	Boundary
	BERM
	Culvert
	Proposed OFC
	Existing OFC
	Drainage
SCALE	NOT TO SCALE

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HYDERABAD

ROW PLAN FOR - NH - 16 CHILAKAPALEM TO NATHAVALASA

SHEET NO.03



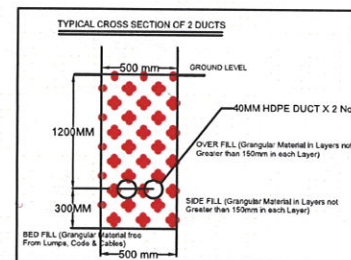
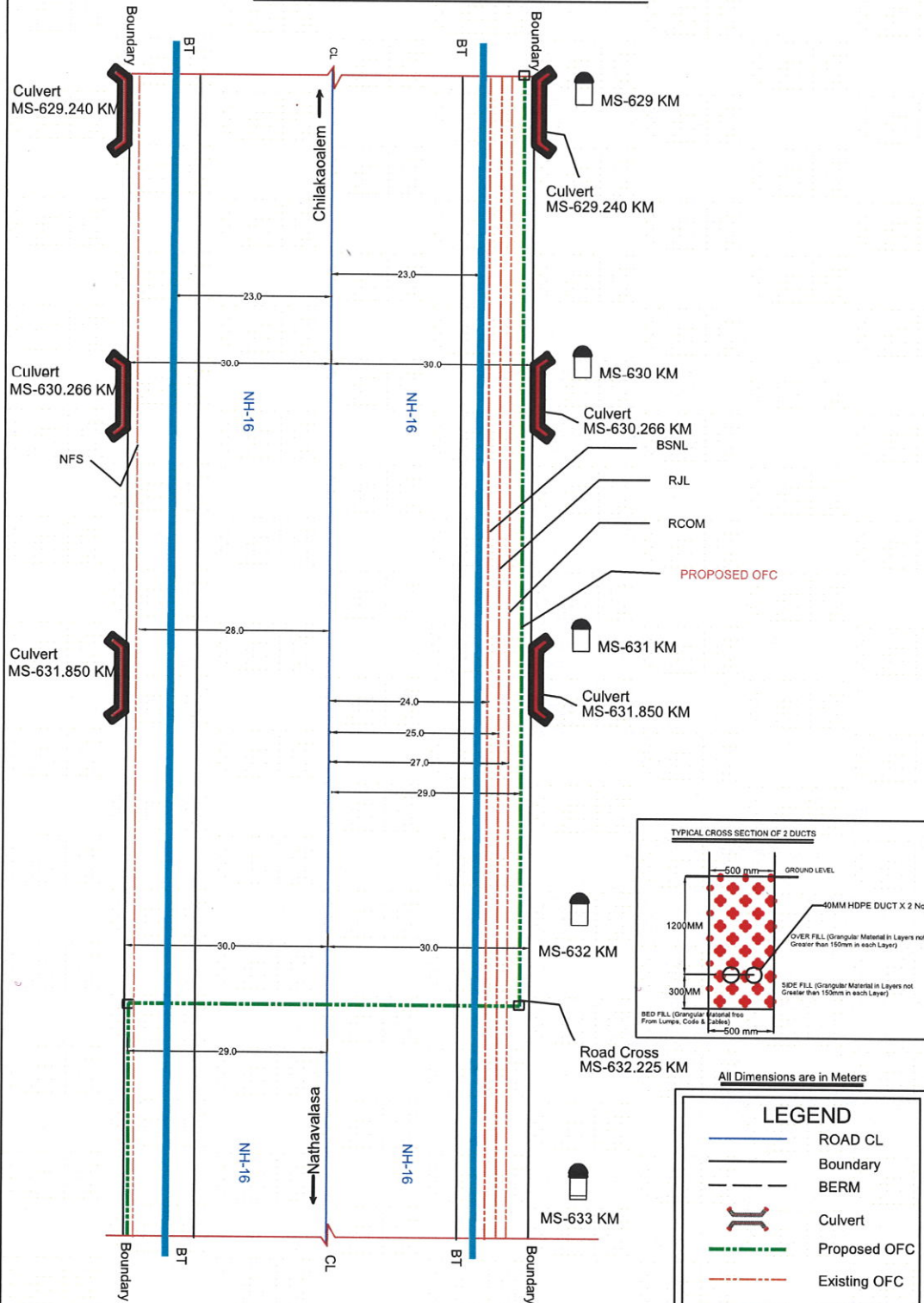
All Dimensions are in Meters

LEGEND	
	ROAD CL
	Boundary
	BERM
	Culvert
	Proposed OFC
	Existing OFC
	Drainage
SCALE	NOT TO SCALE

SECTION LENGTH=4 KM

ROW PLAN FOR - NH - 16 CHILAKAPALEM TO NATHAVALASA

SHEET NO.04



All Dimensions are in Meters

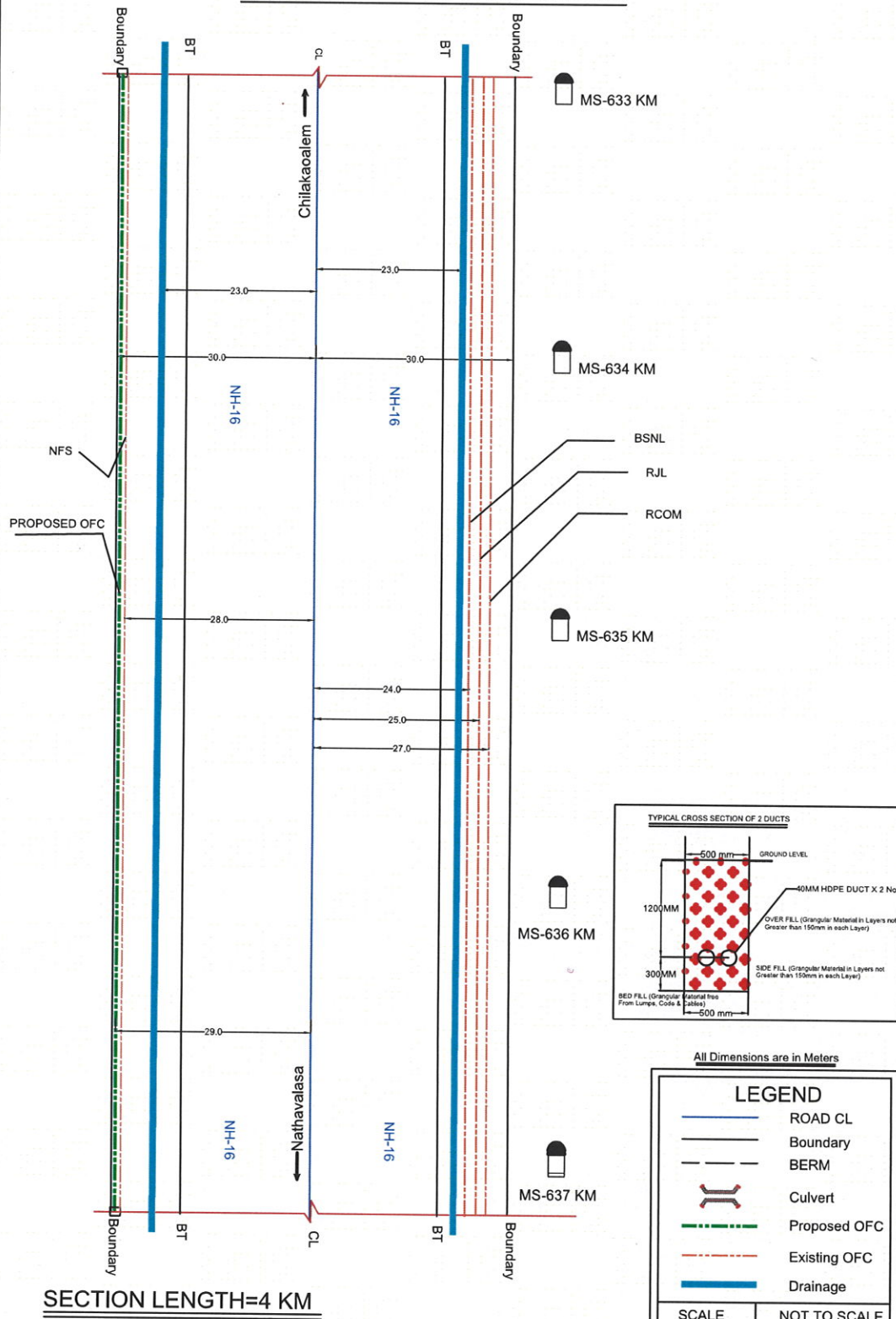
LEGEND	
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	Boundary
	BERM
	Culvert
	Proposed OFC
	Existing OFC
	Drainage
SCALE	NOT TO SCALE

SECTION LENGTH=4 KM



ROW PLAN FOR - NH - 16 CHILAKAPALEM TO NATHAVALASA

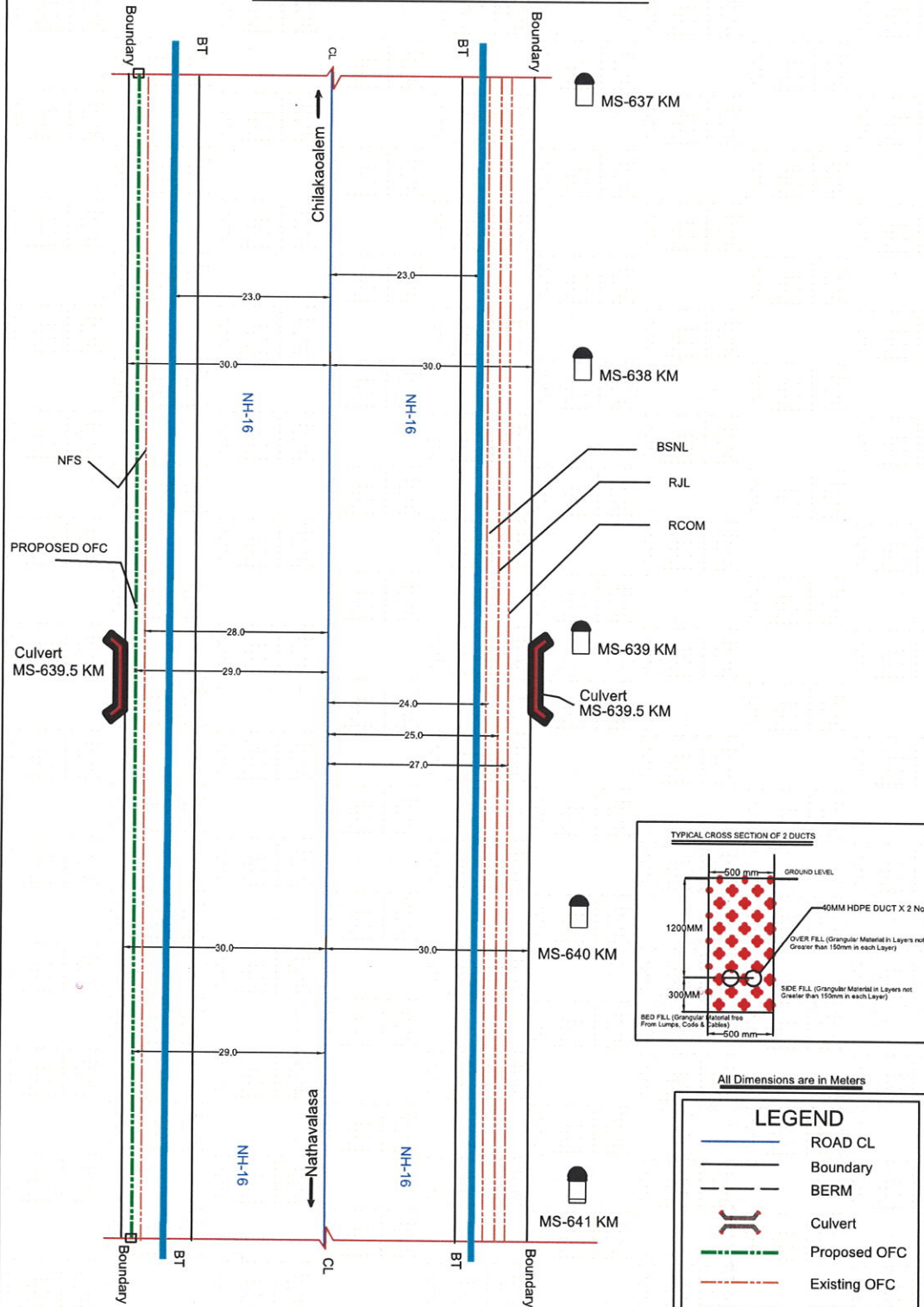
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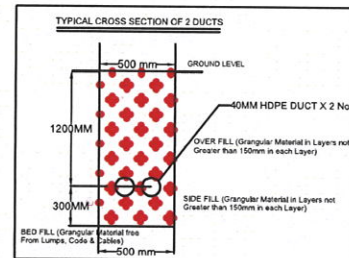
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ANAND NETWORKS LTD.
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ROW PLAN FOR - NH - 16 CHILAKAPALEM TO NATHAVALASA

SHEET NO.06



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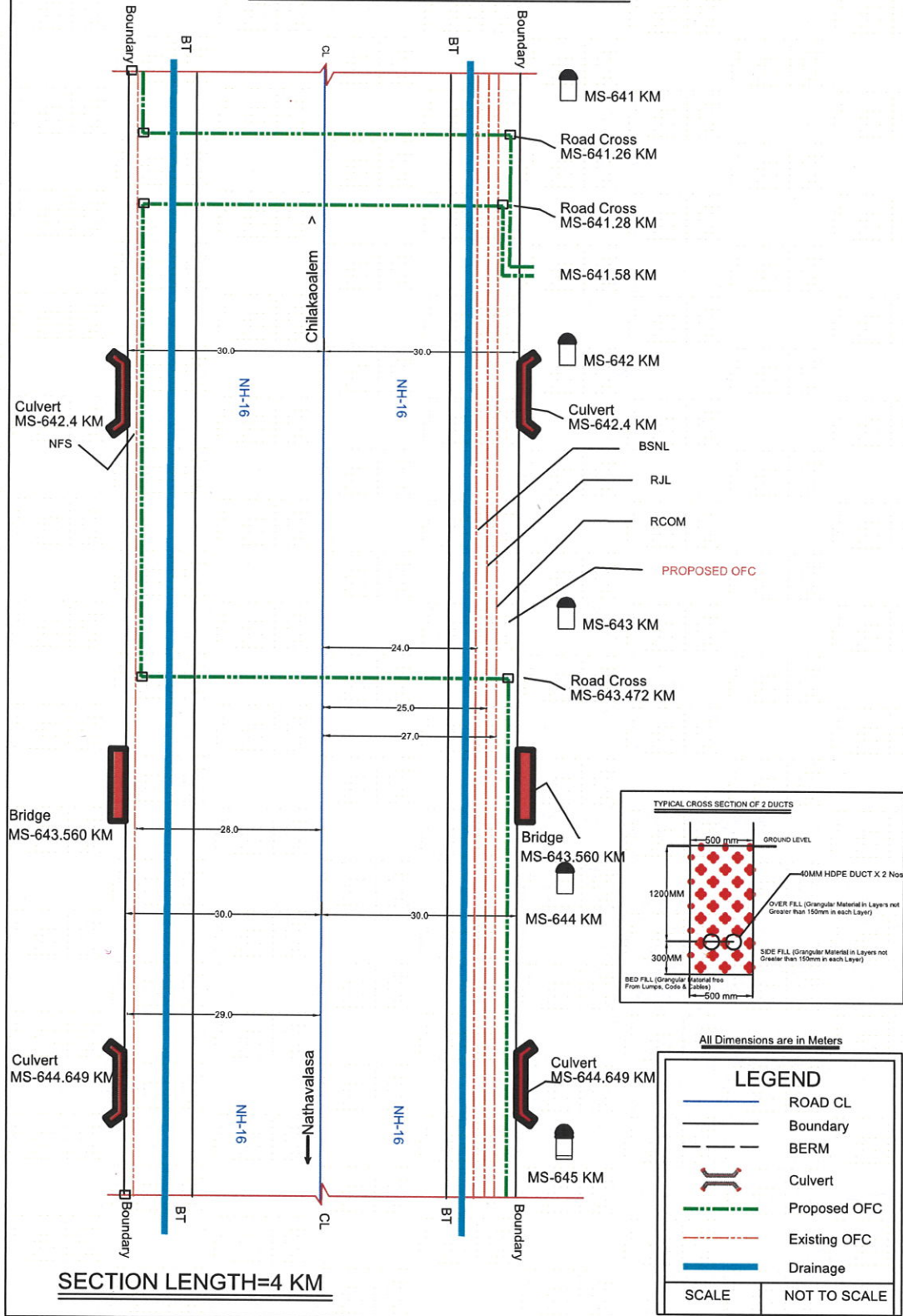


All Dimensions are in Meters

LEGEND	
	ROAD CL
	Boundary
	BERM
	Culvert
	Proposed OFC
	Existing OFC
	Drainage
SCALE	NOT TO SCALE

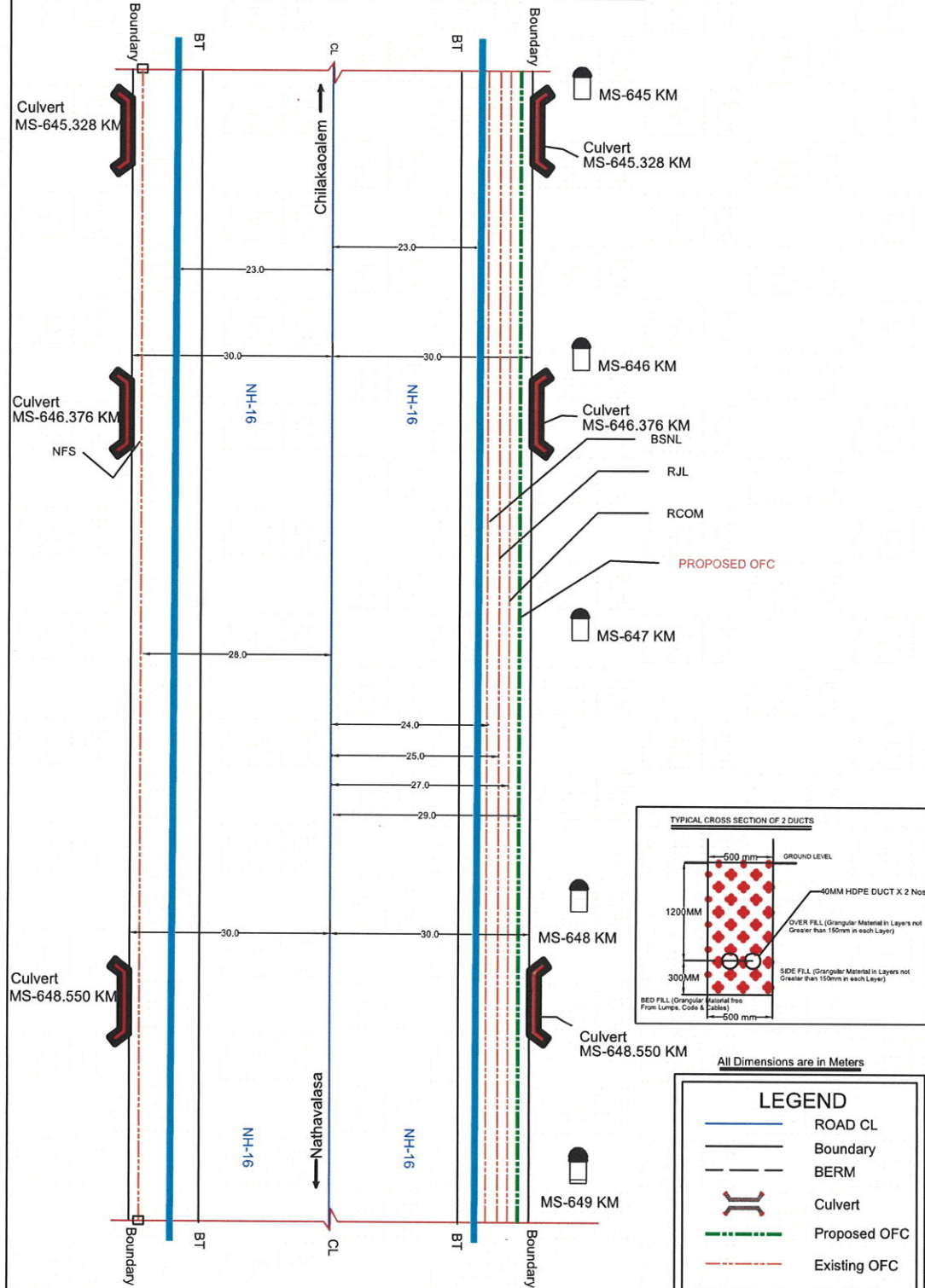
ROW PLAN FOR - NH - 16 CHILAKAPALEM TO NATHAVALASA

SHEET NO.07

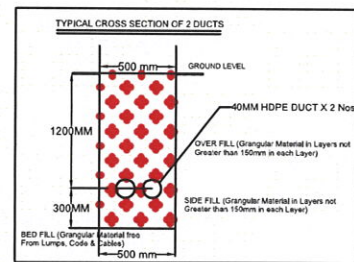


ROW PLAN FOR - NH - 16 CHILAKAPALEM TO NATHAVALASA

SHEET NO.08



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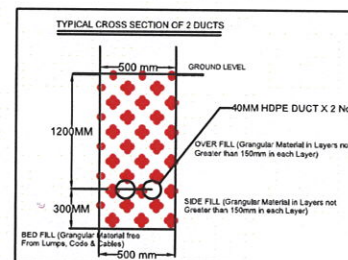
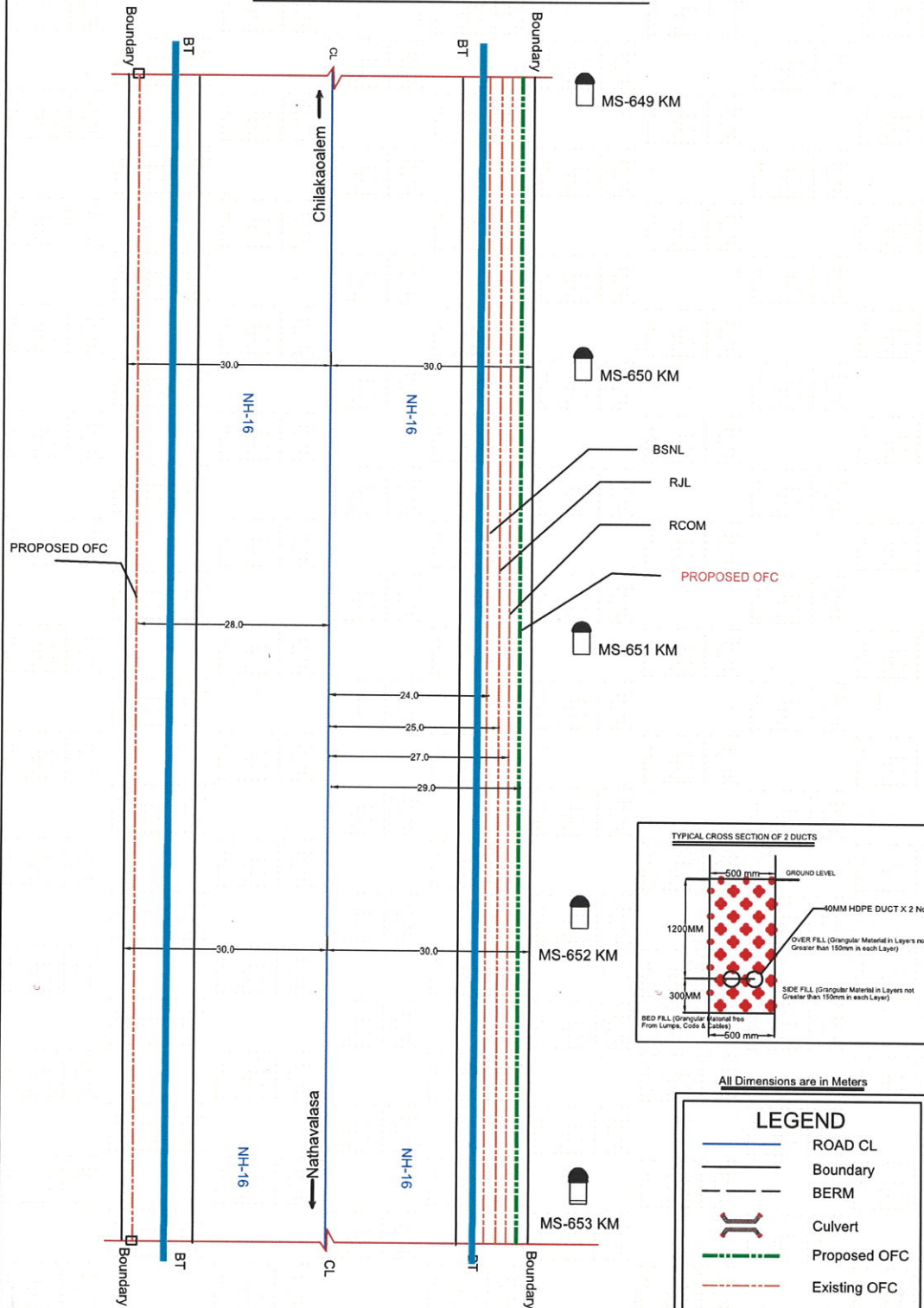


All Dimensions are in Meters

LEGEND	
	ROAD CL
	Boundary
	BERM
	Culvert
	Proposed OFC
	Existing OFC
	Drainage
SCALE	NOT TO SCALE

ROW PLAN FOR - NH - 16 CHILAKAPALEM TO NATHAVALASA

SHEET NO.09



All Dimensions are in Meters

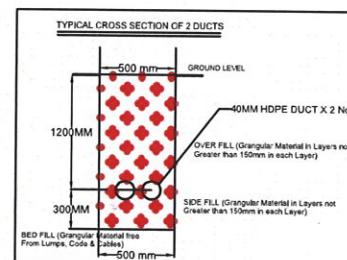
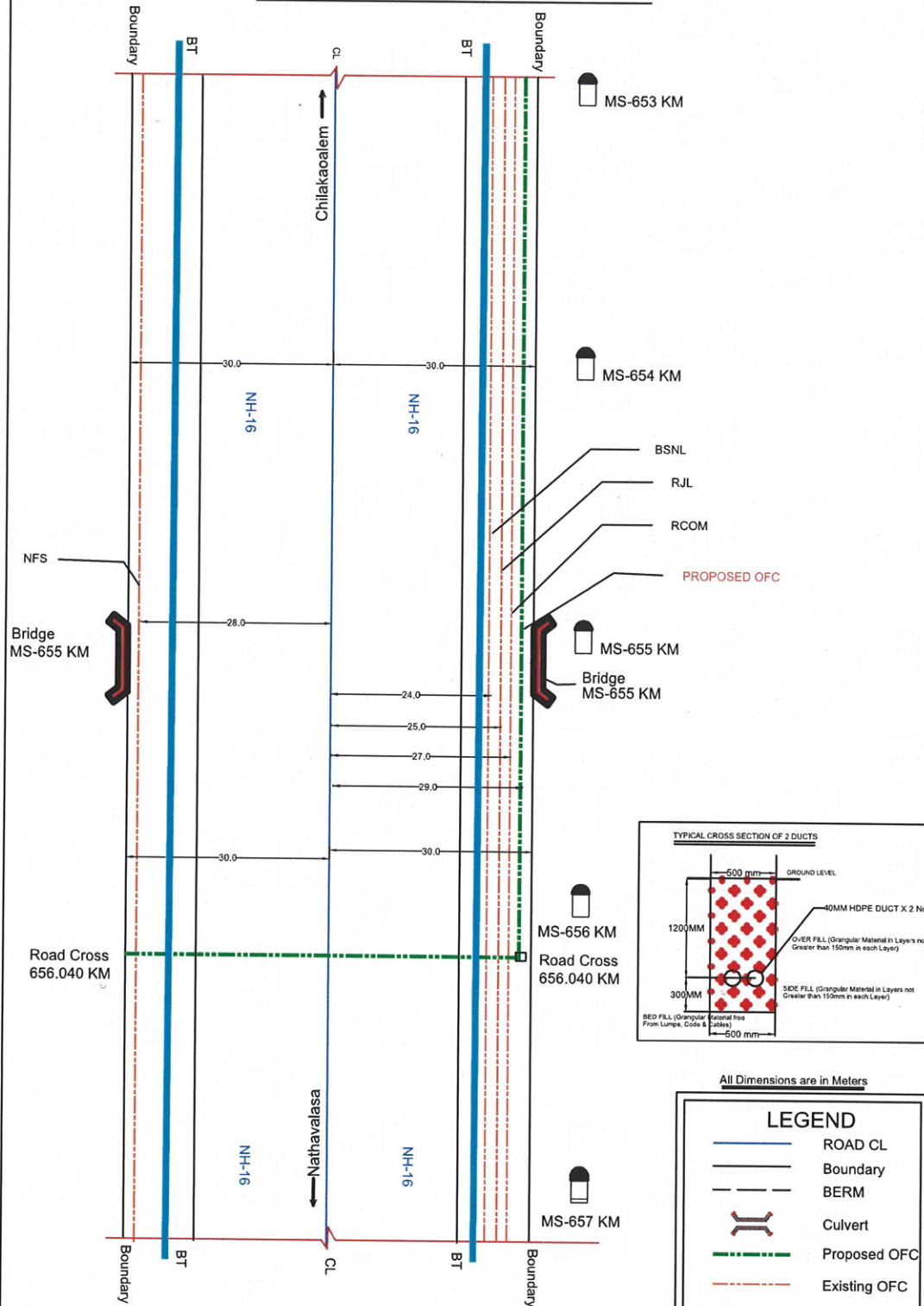
LEGEND	
	ROAD CL
	Boundary
	BERM
	Culvert
	Proposed OFC
	Existing OFC
	Drainage
SCALE	NOT TO SCALE

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ROW PLAN FOR - NH - 16 CHILAKAPALEM TO NATHAVALASA

SHEET NO.10



All Dimensions are in Meters

LEGEND	
	ROAD CL
	Boundary
	BERM
	Culvert
	Proposed OFC
	Existing OFC
	Drainage
SCALE	NOT TO SCALE

SECTION LENGTH=4 KM

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