सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road Transport & Highways, Government of India)
क्षेत्रीय कार्यालय - हैदराबाद
प्रथम तल, नया भवन, भारतीय प्रशासनिक स्टाफ कॉलेज, रोड नं-3, बंजारा हिल्स, हैदराबाद-500 034. तेलंगाना.
REGIONAL OFFICE - HYDERABAD
First Floor, New Building, Administrative Staff College of India (ASCI), Road No. 3, Banjara Hills, Hyderabad - 500 034, Telangana.
टेली / Tele : 040 - 29562147 / 48 ई-मेल / Email : rohyderabad@nhai.org, nhairohyd@gmail.com

Notice Inviting Public Comments

NHAI/RO-HYD/25011/3/26/2021/Utility/3034 Dt.07.02.2022

Sub: NHAI - RO Hyderabad - PIU Nirmal-Proposal for laying of Optical Fiber Cable for a total length of 4.947 Km from Km.376+495 to Km.378/405 (RHS),from Km.380+316 to Km.383+300 (RHS), and from Km.383+300 to Km.383+320 (LHS) along NH-44 by Open trench Methodology and Highway crossings by HDD methodology at Km.383+300 on Nagpur to Hyderabad section of NH-44 in the State of Telangana- Reg..

Ref: 1. PD, PIU Nirmal Lr.no. NHAI/PIU-NRML/Utility/T-Fibre-OFC/2022/25, dated 08.01.2022

The Project Director, PIU, NHAI, Nirmal vide letter cited above has recommended the Proposal of M/s Telangana Fiber Grid Corporation Limited for laying of Optical Fiber Cable in between Km.376+495 to Km.383+320 for a total length of 4.947 Km along the National Highway of NH-44 by Open trench Methodology, across the National Highway NH-44 by HDD methodology in Nagpur to Hyderabad section in the State of Telangana.

2. As per para 4 of the Ministry's guidelines no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, public comments is hereby invited on the above proposal seeking claims and objections (on grounds of public inconvenience, safety and general public interest) within 30 days on public portal i.e. website of Ministry of Road Transport and Highways (www.morth.nic.in) in Form-A (copy enclosed) for "Accommodation of Public and Industrial Utility Services along and across National Highways".

Comment Inviting Authority
The Regional Officer,
National Highways Authority of India,
Regional Office: Hyderabad,
First Floor, New Building,
Administrative Staff College of India(ASCI),
College Park Campus, Road No.3,
Banjara Hills, Hyderabad - 500 034,
Telangana State,
Phone: 040-29562147, 040-29562148,
Email: rohyderabad@nhai.org, nhairohyd@gmail.com

Yours faithfully,

Encls: Above Proposal

(G.V. Bheemasena Reddy)
Deputy General Manager (Tech)
For Regional Officer-cum-
Highway Administrator, Hyderabad

To:

1. Senior Technical Director, NIC, Transport Bhawan, New Delhi- 110001 for uploading on Ministry's website.
2. Shri S.Manivasagam, Dy. GM (IT), NHAI HQs, New Delhi for uploading on NHAI website.

Copy to:-1. The Project Director, NHAI, PIU Nirmal: for information
2. M/s Telangana Fiber Grid Corporation Limited: for information

FORM-A

Form for seeking claims and objections (on grounds of public inconvenience, safety and general public interest) on the application for Accommodation of Public and Industrial Utility Services along and across National Highways

Sub: NHAI - RO Hyderabad - PIU Nirmal- Proposal for laying of Optical Fiber Cable for a total length of 4.947 Km from Km.376+495 to Km.378/405 (RHS),from Km.380+316 to Km.383+300 (RHS), and from Km.383+300 to Km.383+320 (LHS) along NH-44 by Open trench Methodology and Highway crossings by HDD methodology at Km.383+300 on Nagpur to Hyderabad section of NH-44 in the State of Telangana-**Reg.**

The claims and objections (on grounds of public inconvenience, safety and general public interest) by the general public needs to be given within 30 days of uploading the online application for comments

Sl. No	Item	Details
1	Name of the person who is desiring to give claims and objections (on grounds of public inconvenience, safety and general public interest)	
2	Address of the person	
3	Details of the application for Accommodation of Public and Industrial Utility Services along and across National Highways against which claims and objections are being given (name of applicant and other details like site address etc.)	
	a) Application No.	
	b) Name of applicant (who applied to Accommodation of Public and Industrial Utility Services along and across National Highways)	
	c) Details of Application	
4	The claims and objections (on grounds of public inconvenience, safety and general public interest)	

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.

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	M/S Telangana Fiber Grid Corporation Limited. 7th Floor splendid Tower SP Road Begumpet. Hyderabad. Telangana-500003	
1.2	National Highway Number	NH-44	
1.3	State	Telangana	
1.4	Location	CH- 376/495 to CH- 383/320	
1.5	(Chainage in km)	NH-44 On RHS Km 376/495 to 378/405, 380/316 to 383/00. On LHS from Km 383/00 to 383/320, and across the road lengths of 0.060 KM. Total Section length at different locations for ROW applied KM 4.974 (i.e.4974 Mtrs) under the jurisdiction of Nirmal.	
1.6	Length in Meters	4974	
1.7	Width of available ROW	60	
	(a) Left side from center line towards increasing chainage/km direction	30 Mtrs	
	(b) Right side from center line towards increasing chainage/km direction	30 Mtrs	
1.8	Proposal to lay the cable		
	(a) Left side from center line towards increasing chainage/km direction	Km 383/00 to 383/320	
	(b) Right side from center line towards increasing chainage/km direction	Km 376/495 to 378/405 Km 380/316 to 383/00	
1.9	Proposal to acquire land	NA	
	(a) Left side form center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	NA	
	If not then where to lay the cable		
1.11	Details of already laid services, if any, along the proposed route	Bsnl Ofc	
1.12	Number of lanes (2/4 / 6/8 lanes) existing	4	

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1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	4 Lane	
1.14	Service road existing or not	NO	
	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service Road	No	
	(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	NA	
1.17	Whether carrying of sewage/gas /OFC pipeline has been proposed on highway bridges If yes, then mention the methodology proposed for the same	No	
1.18	Whether carrying of sewage/gas pipeline/OFC has been proposed parapet/any part of the bridges If yes, then mention the methodology proposed for the same	No	
1.19	If crossings of the road involved If yes, it shall be either encased in pipes or through structures or conduits specially built for that purpose at the expenses of the agency owning the line	Road Crossing shall be executed by HDD Method.	
	a) whether existing drainage structure allowed to carry utility pipeline	No	
	b) is it on a line normal to NH	Yes	
	c) what is the distance of crossing the utility pipelines from the existing structures Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter	NA	
	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. Mention type of casing	NA	
	e) ends of the casing/conduit pipe/tower foundation shall be sealed from the outside, so that it does not act as a drainage path	Yes	

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	f) the casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slop toe of slope in the fills	Yes	
	g) the top of the casing/conduit pipe/tower foundation should be atleast 1.2meter below the surface of the road subject to bring atleast 0.3m below the drain inverts	NA	
	h) Mention the methodology proposed for crossing of road for the proposed OFC. Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type	HDD Methodology	
	i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	Yes	
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 1.6m deep x 0.3m wide) i) Should not be greater than 60cm wider than the outer diameter of the pipe ii) located at close to the extreme edge of the right of way as possible but not less than 15 meter from the centerline of the nearest carriageway iii) Shall not be permitted to run along the NH 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 0.6 meter below the ground level so as not to obstruct drainage of the road land	Yes, Enclosed Yes Yes Yes yes	
2.2	Cross section showing the size of pit and location of cable for HDD method	Enclosed	
2.3	Strip plan/Route Plan showing the utility/Gas pipe line, Chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Enclosed, Attached as per the Drawing	

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2.4	Methodology for laying of the utility 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, what is the Methodology of refilling of trench	Back fill the soil excavated with Compaction @ every 300mm	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Enclosed	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 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.	Yes	
	(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.	Yes	
	(d) The side-fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor's density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	Yes	
	(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.	Yes	

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	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Yes	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes Attached Drawing	
2.4.3	Laying OFC Through CD Works And Method Of Laying (Whether to be hung outside parapet)	Details Provided in Methodology of Laying	
3	Draft License Agreement is signed by two witnesses	Enclosed	
3.1	The licensee fees estimate as per Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016.	Furnished	
4	Whether Performance Bank Guarantee as per Ministry's Circular no. RW/NH 33044/29 /2015/S&(R) dated 22.11.2016 is obtained.	Yes	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines	Yes	
5	Affidavit / Undertaking from the Applicant for the following is to be furnished		
5.1	Undertaking for not to Damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes ; Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI.	Yes	
5.3	Undertaking for Confirming all standard condition of Ministry Circulars and NHAI's guidelines.	Enclosed	
5.4	Undertaking for Indemnity against all damages and claims	Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Enclosed	
5.6	Undertaking that if any claim is raised by the Concessionaire/contractor then the same has to be paid by the applicant.	Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking	Enclosed	

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	any work of installation, shifting or repairs, or alterations to the utility located in the National Highway right-of-ways.		
5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	Enclosed	
5.9	Undertaking that text of the text of the license deed is as per verbatim of MoRTH format (issued vide Ministry's Circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016)	Enclosed	
5.10	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as Directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearance s applicable, before applying to Highway Administration	Enclosed	
5.11	If the MoRTH/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 MoRTH/NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Enclosed	
5.12	Certificate from the applicant in the following format (i) Laying of OFC pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii)"We do undertake that I/we will relocate service road/approach road / utilities atmy/our own cost notwithstanding the permission granted within	Enclosed	

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	such time as will be stipulated by NHAI"for future six-laning or any other development."		
6.	Power of Attorney in favor of authorized signatory	Yes ; Enclosed	
7	Certificate from the Project Director		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide Ministry's Circular No: RW/NH-33044/29/2015/S&(R) dated 22.11.2016.	Yes	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the OFC pipe line would be extremely difficult and unreasonable costly and the installation of OFC pipe line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc". (ii) for 6-lanning (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".	Yes	
8	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 up=gradation of [..... section from Km -------- to km ------ of NMH No.- ----- on Build, Operate	Inserted in the Agreement	

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	and Transfer Basis] and therefore, the licensee shall honour the same."		
9	Who will supervise the work of laying OFC (a) On Behalf of the Applicant (b) On Behalf of MORTH/NHAI	(a) M/S Telangana Fiber Grid Corporation Limited (Master system Integrator) BBNL Project for Government of Telangana (b) Independent Engineer	
10	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. (a) On Behalf of the Applicant (b) On Behalf of MORTH/NHAI	(a) M/S Telangana Fiber Grid Corporation Limited (Master system Integrator) BBNL Project for Government of Telangana (b) Independent Engineer	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	M/S Telangana Fiber Grid Corporation Limited (Master system Integrator) BBNL Project for Government of Telangana	
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) issued vide Ministry Circular No. RW/NH/33044/17/2000/S&R dated 23.7.2003.	Yes	
13	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/33044/17/2000/S&R dated 23.7.2003) as referred in para 13 above is enclosed or not.	Yes	

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Annexure-II

[Enclosure to Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.9.2000 and dt. 23.07.2003]

Format for Maintaining Records of Right-of-Way permission granted for laying OFC

(to be maintained separately for every NH and State)

1. Name of State : Telangana
2. Name of Agency (NHAI) : NH
3. NHAI Number : NH-44

S.No	Location (change in Km)	Left or right side of NH (towards increasing chainage /km direction	Section and reach	Kind of service	Name of license and contact address	Date of signing of agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MOST standard norms	Remarks
1 2 3	CH 376/495 to 378/405 CH 380/316 to 383/00 CH 383/00 to 383/320 Crossing CH-383/00	RHS LHS		Telangana Fiber	Telangana Fiber Grid Corporation Ltd. 7th Floor splendid Tower SP Road Begumpet, Hyderabad. Telangana-500003				No	

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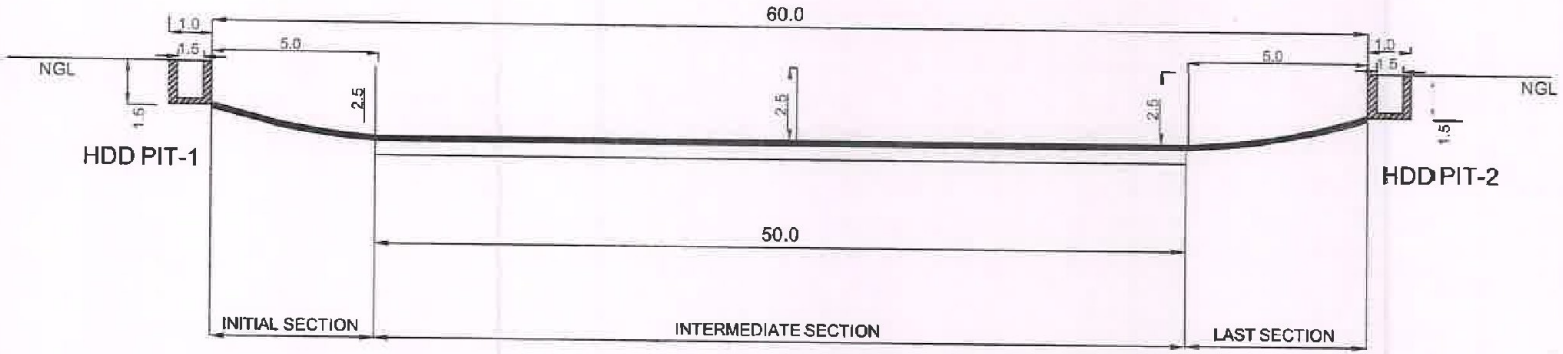
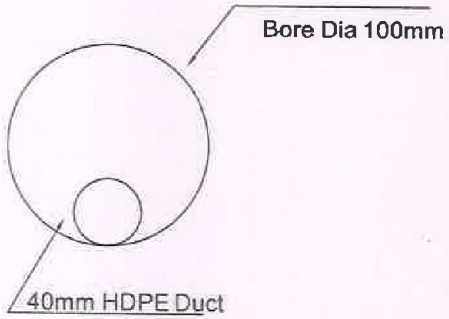
Typical Cross Sectional For HDD





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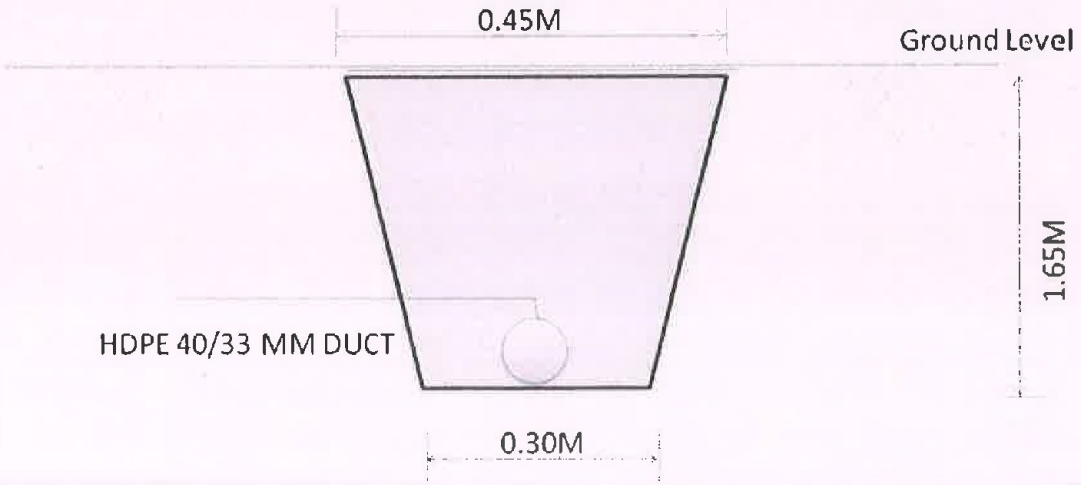
MD

ANNEXURE NO-7

TYPICAL CROSS SECTION OF TRENCHING FOR OFC LAYING



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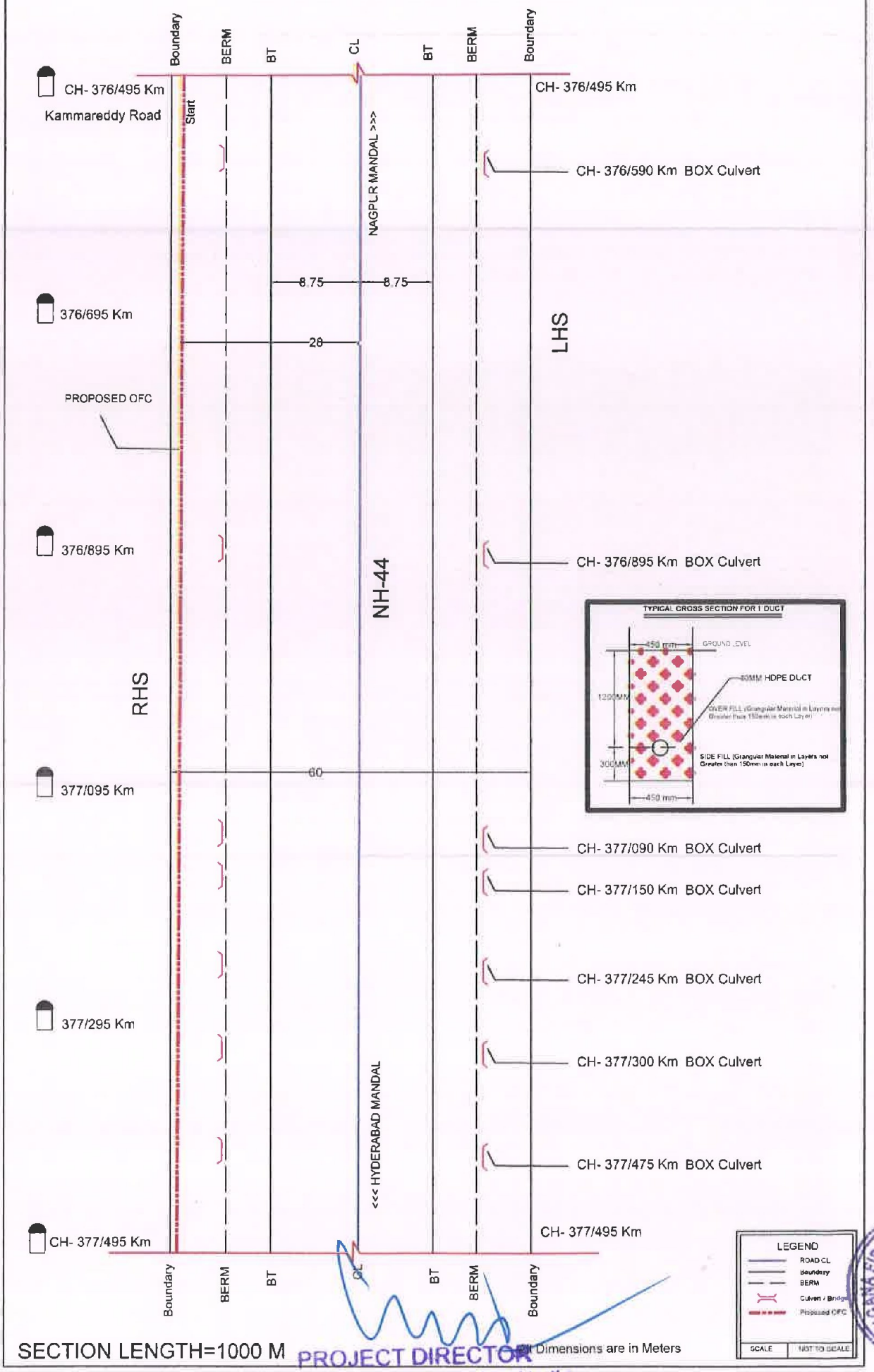
NH- 44 - 376/495 to 377/495 km



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All Dimensions are in Meters

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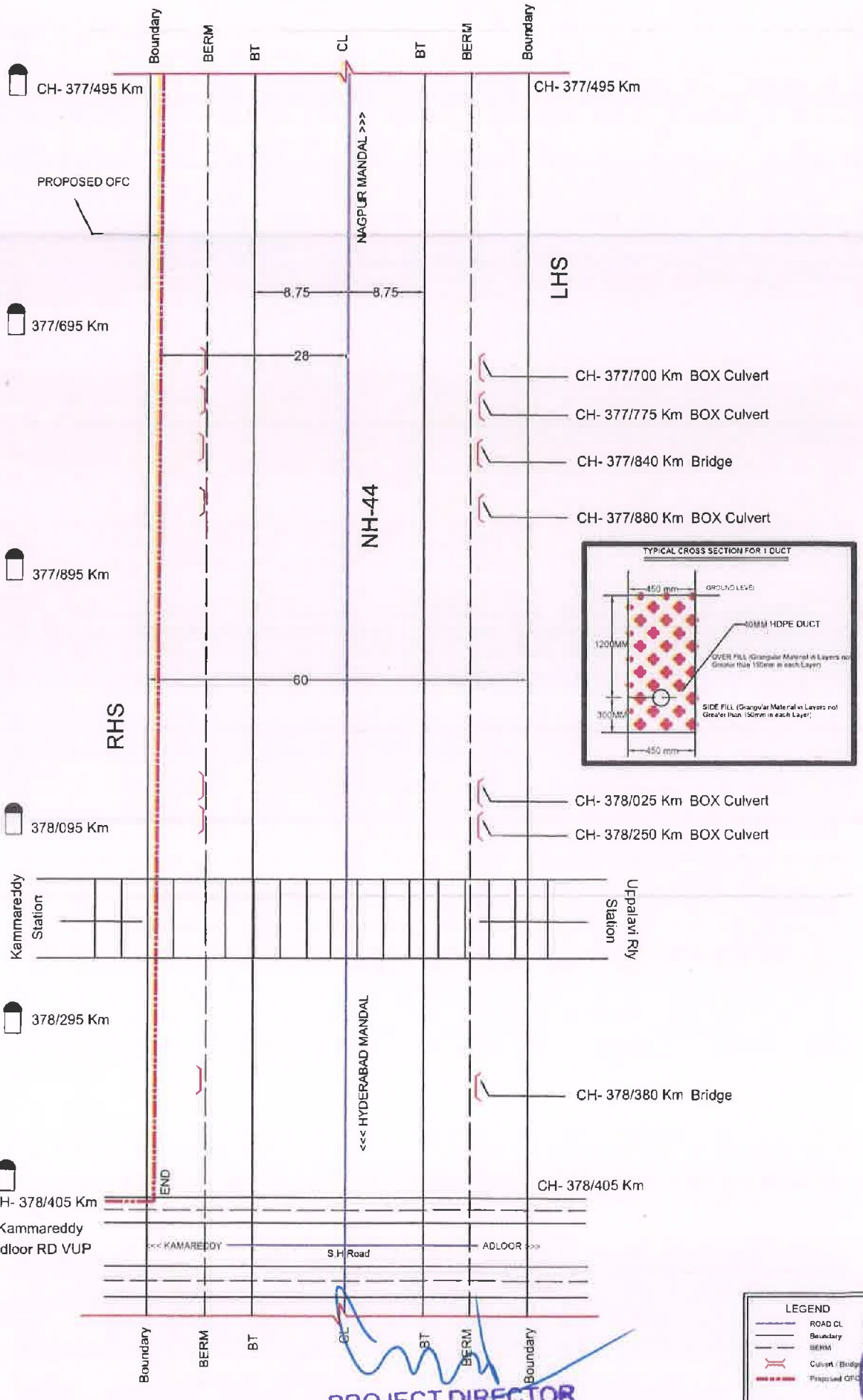
NH- 44 - 377/495 to 378/405 km



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All Dimensions are in Meters

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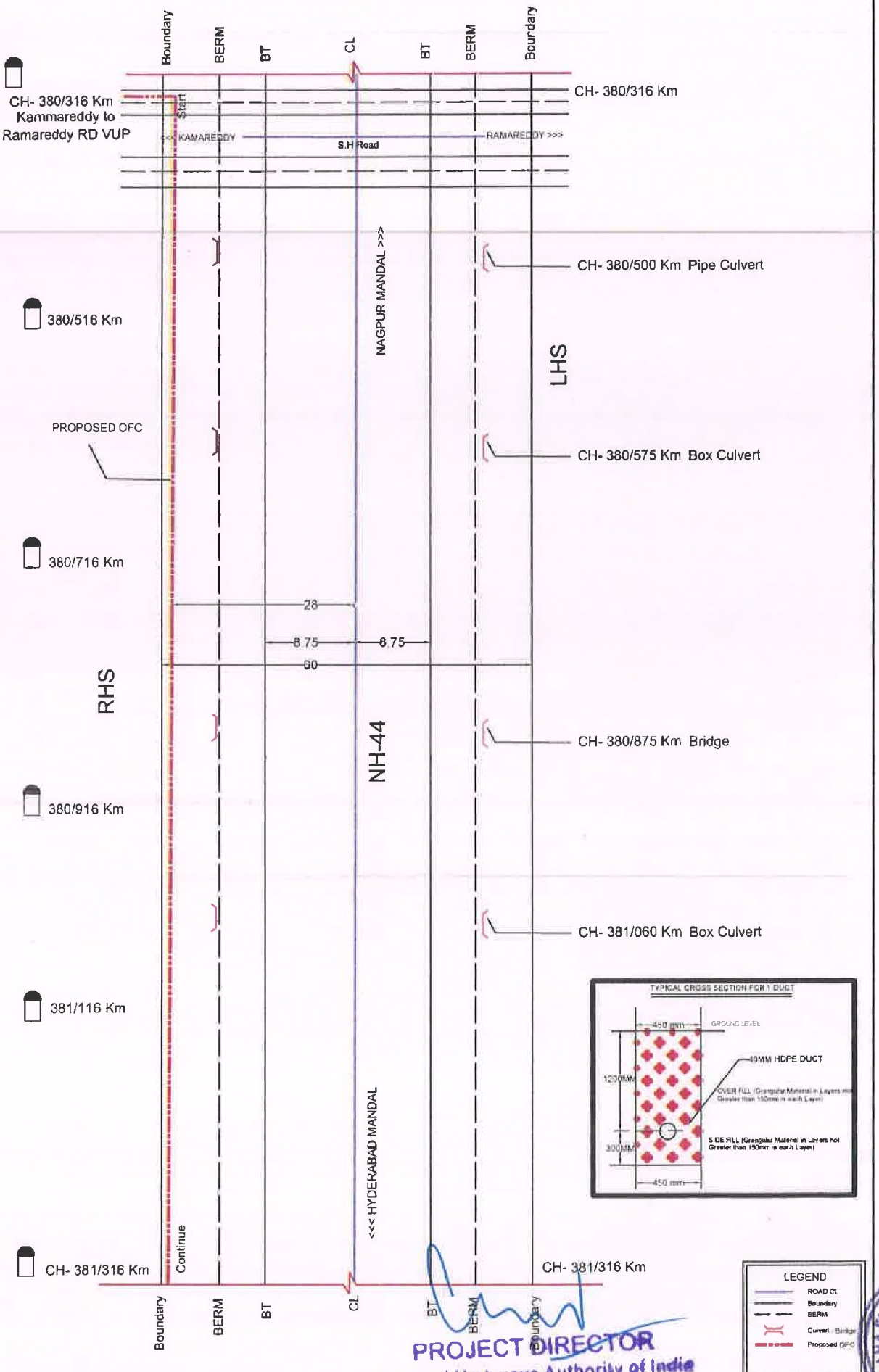
NH- 44 - 380/316 to 381/316 km



SECTION LENGTH=1000 M

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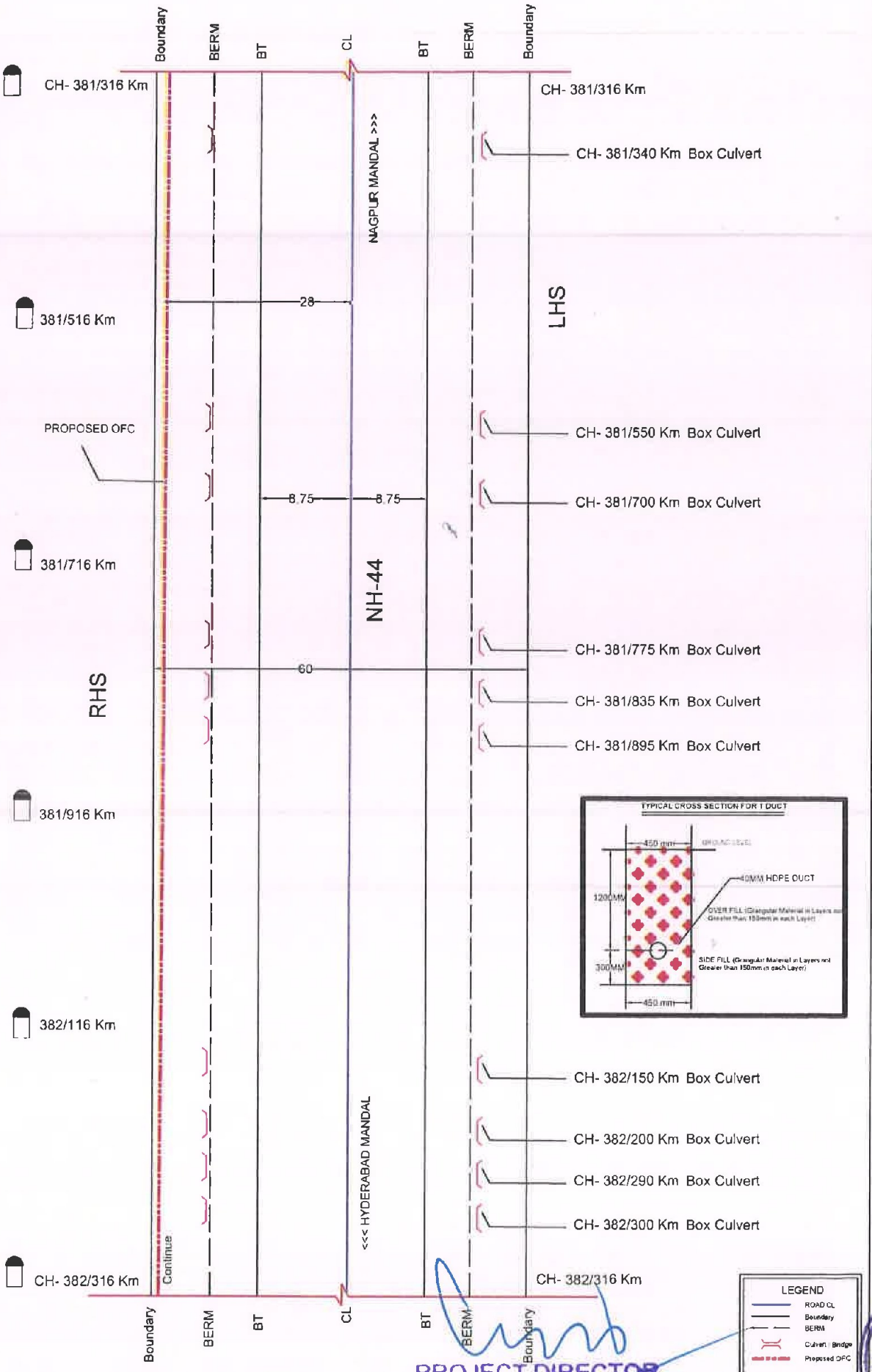
NH- 44 - 381/316 to 382/316 km



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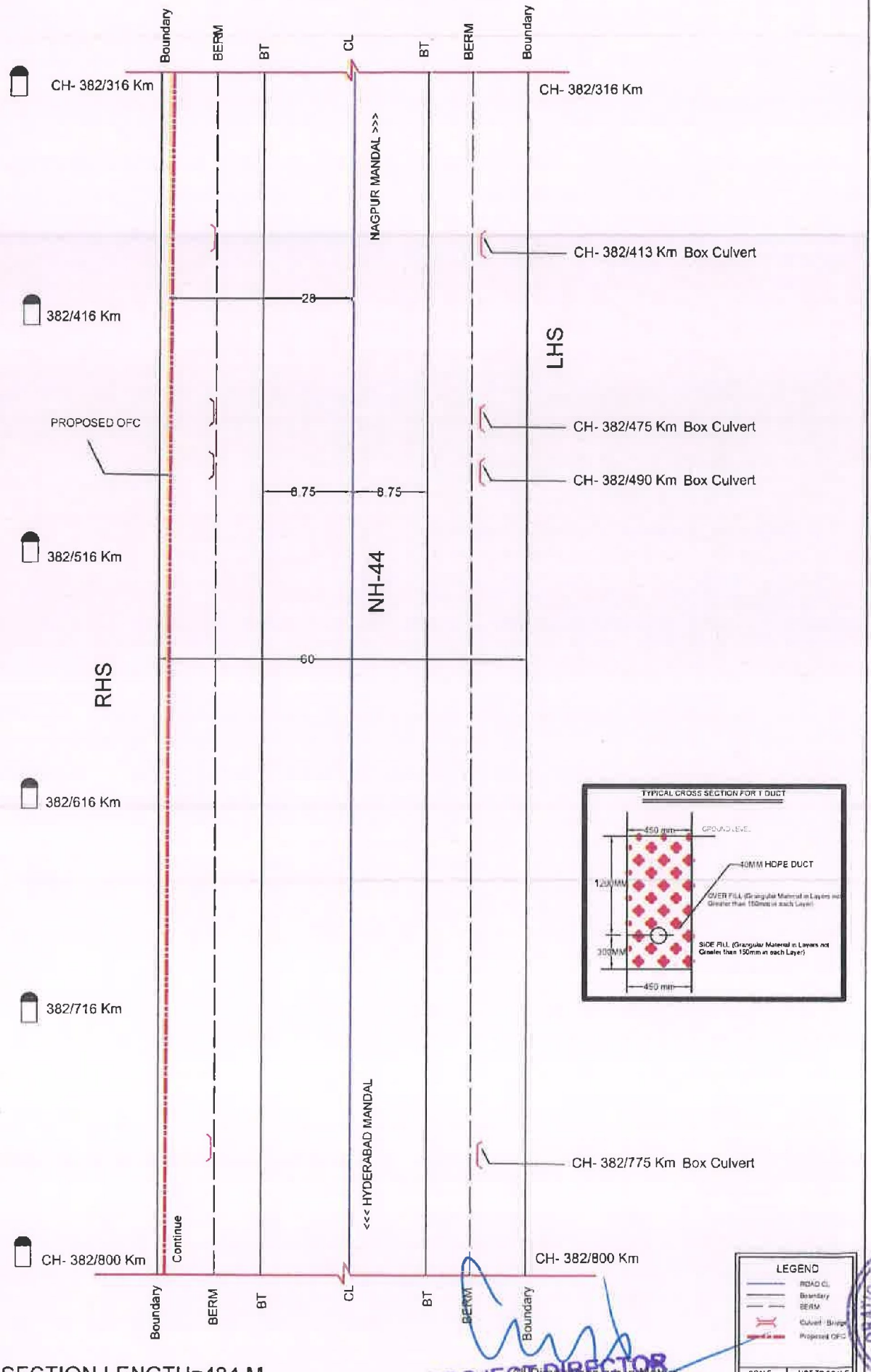
NH- 44 - 382/316 to 382/800 km



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All Dimensions are in Meters

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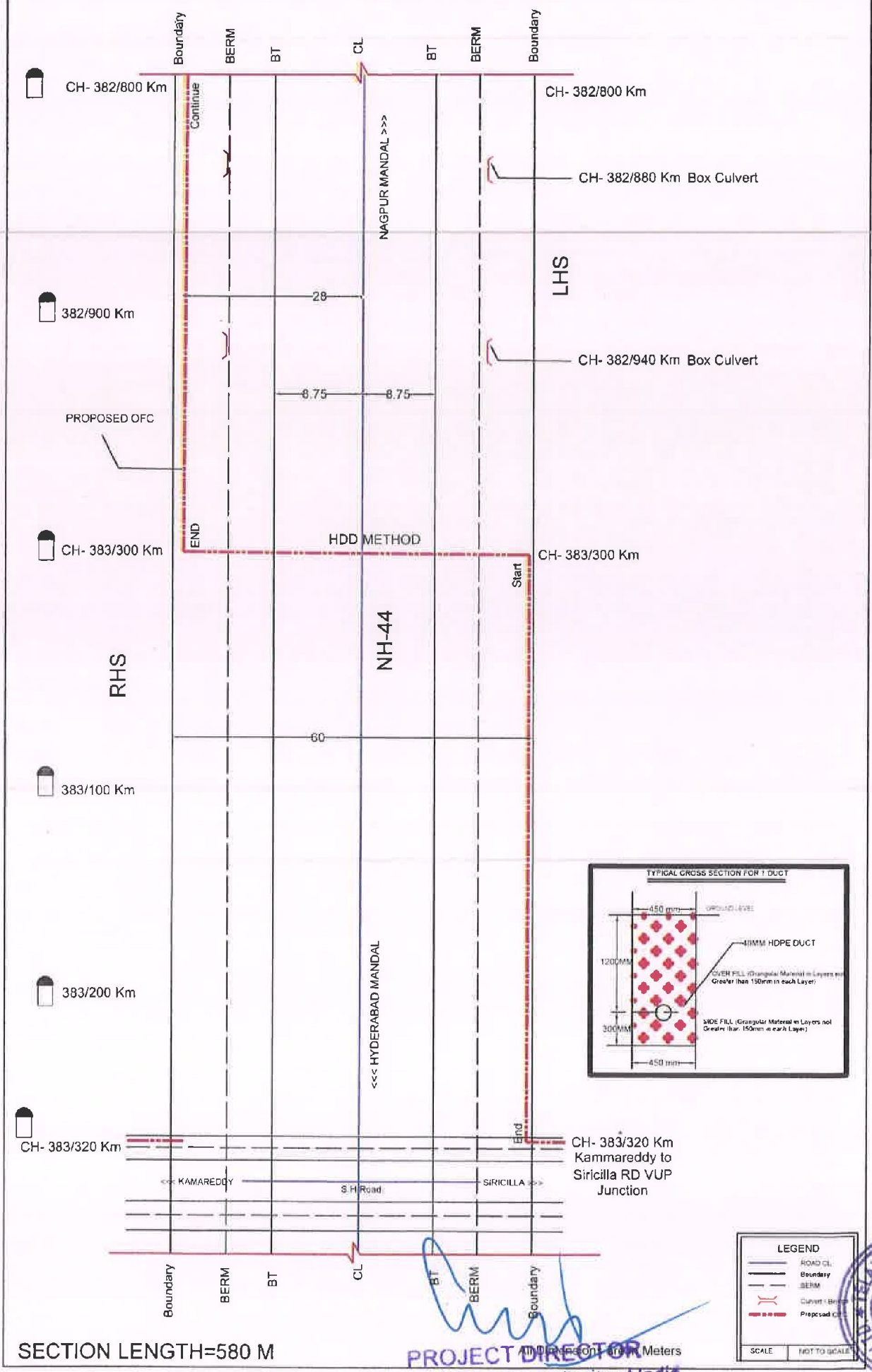
NH- 44 - 382/800 to 383/320 km



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All Dimensions are in Meters

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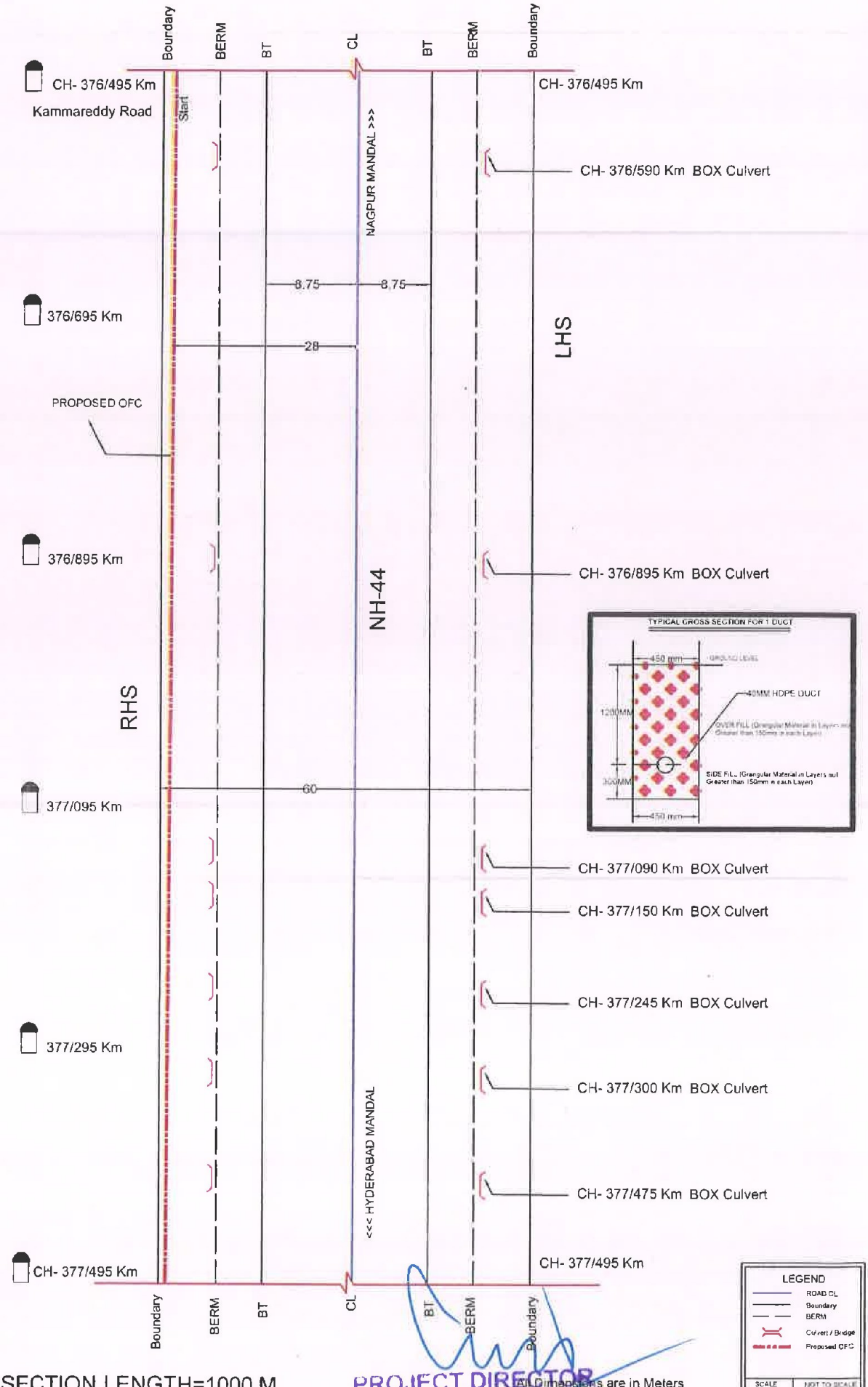
NH- 44 - 376/495 to 377/495 km



SECTION LENGTH=1000 M

All Dimensions are in Meters

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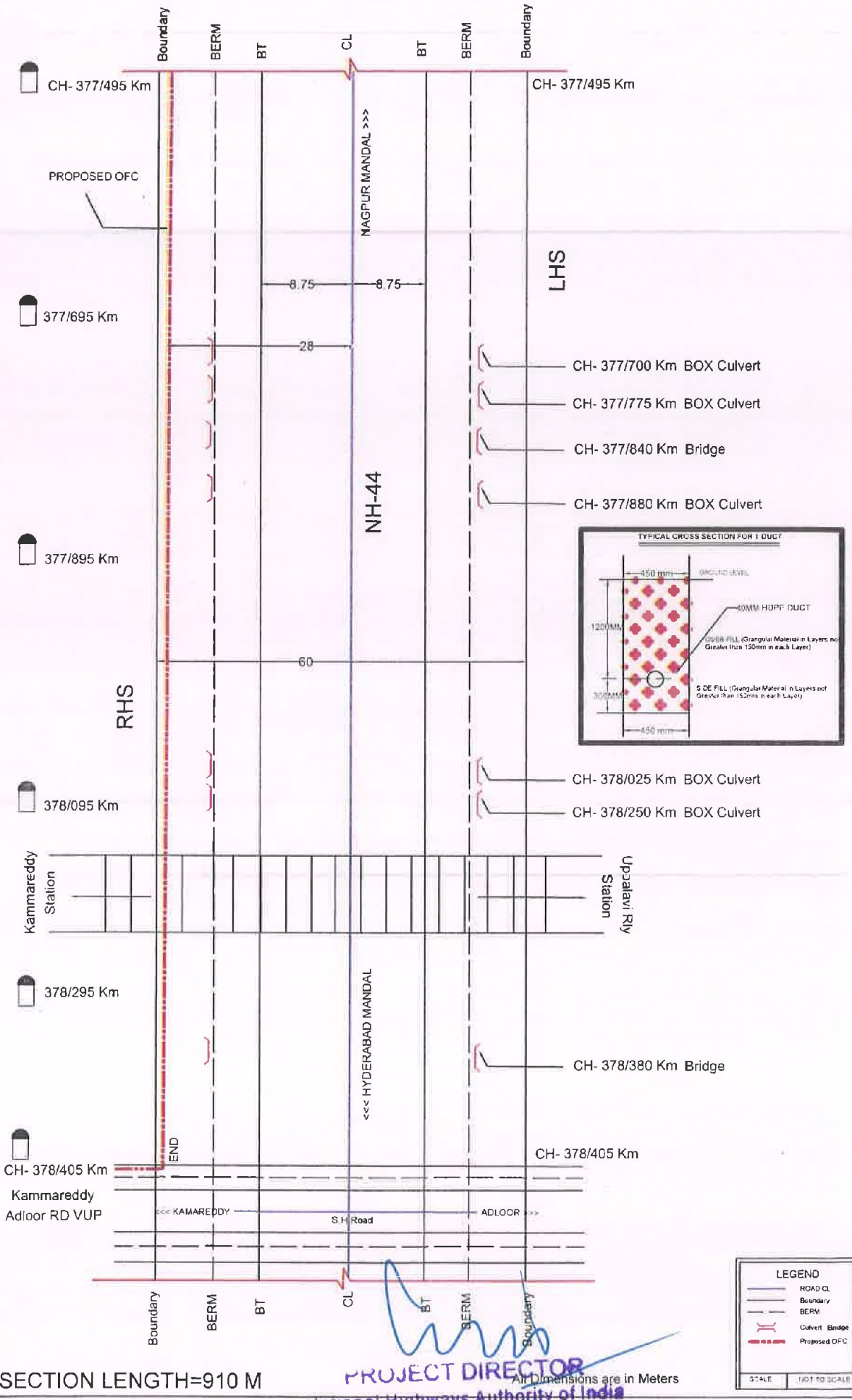
NH- 44 - 377/495 to 378/405 km



SECTION LENGTH=910 M

All Dimensions are in Meters

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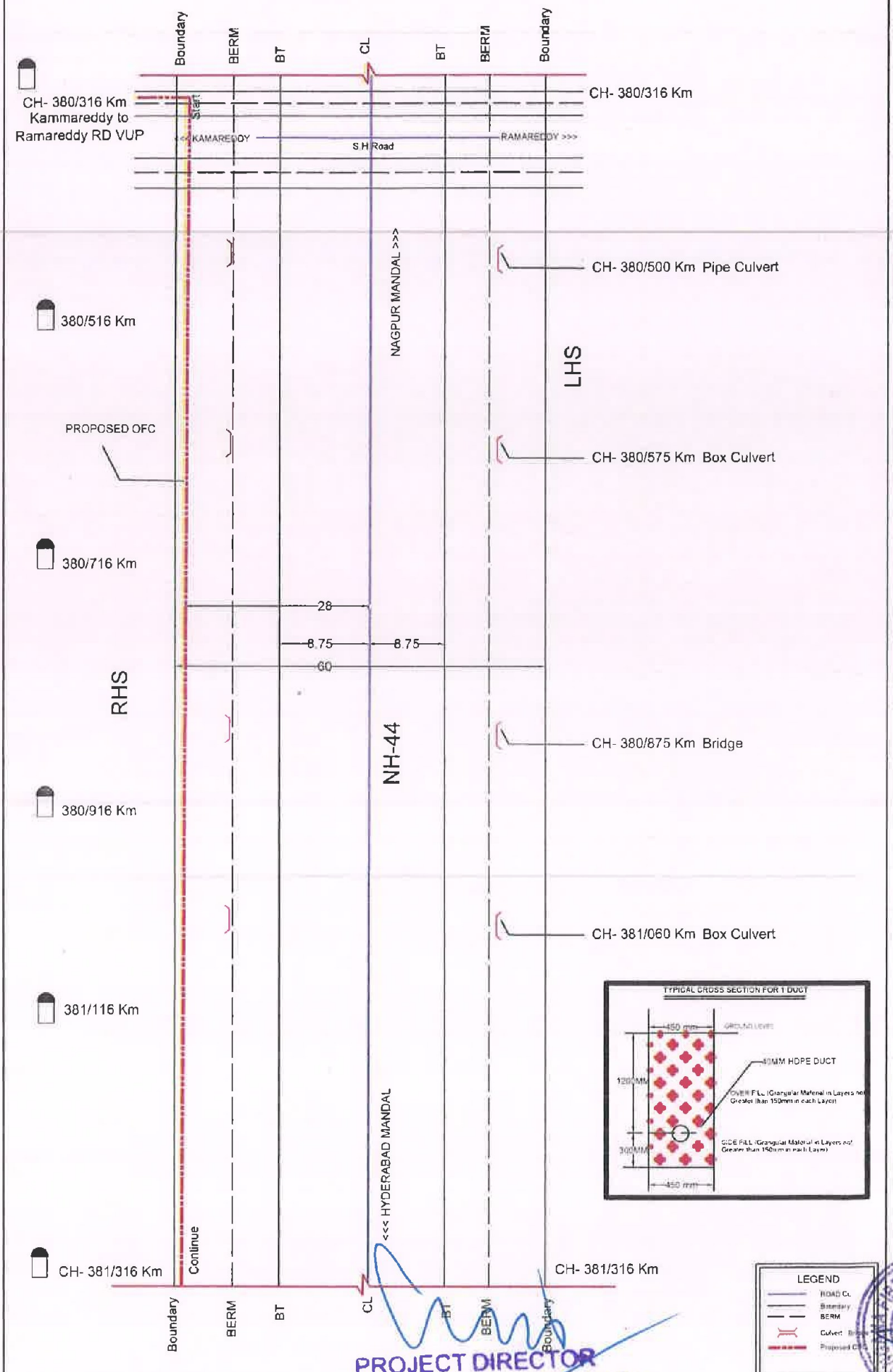
TELANGANA FIBER GRID CORPORATION LTD.

NH- 44 - 380/316 to 381/316 km



SECTION LENGTH=1000 M

All Dimensions are in Meters

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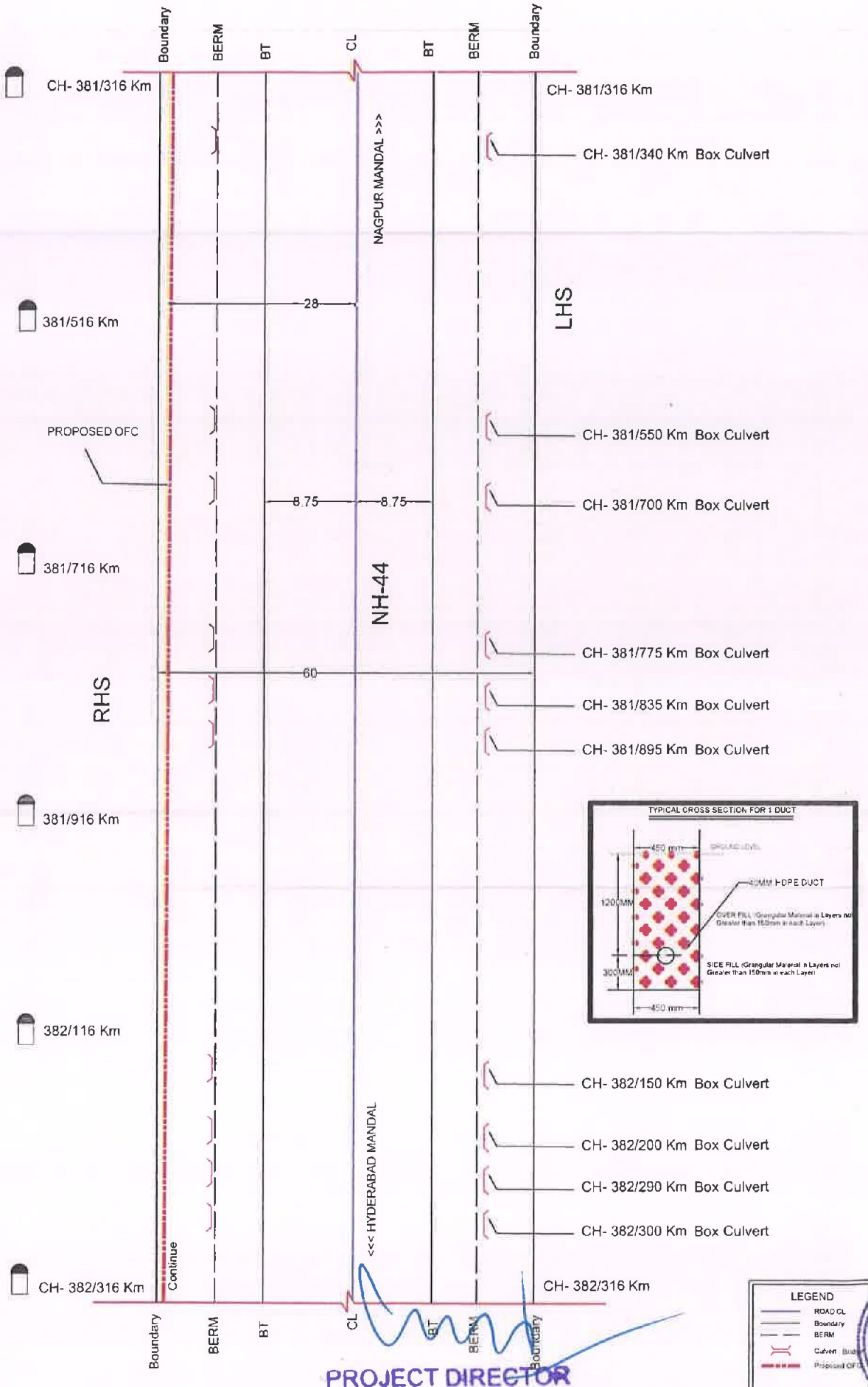
NH- 44 - 381/316 to 382/316 km



SECTION LENGTH=1000 M All Dimensions are in Meters

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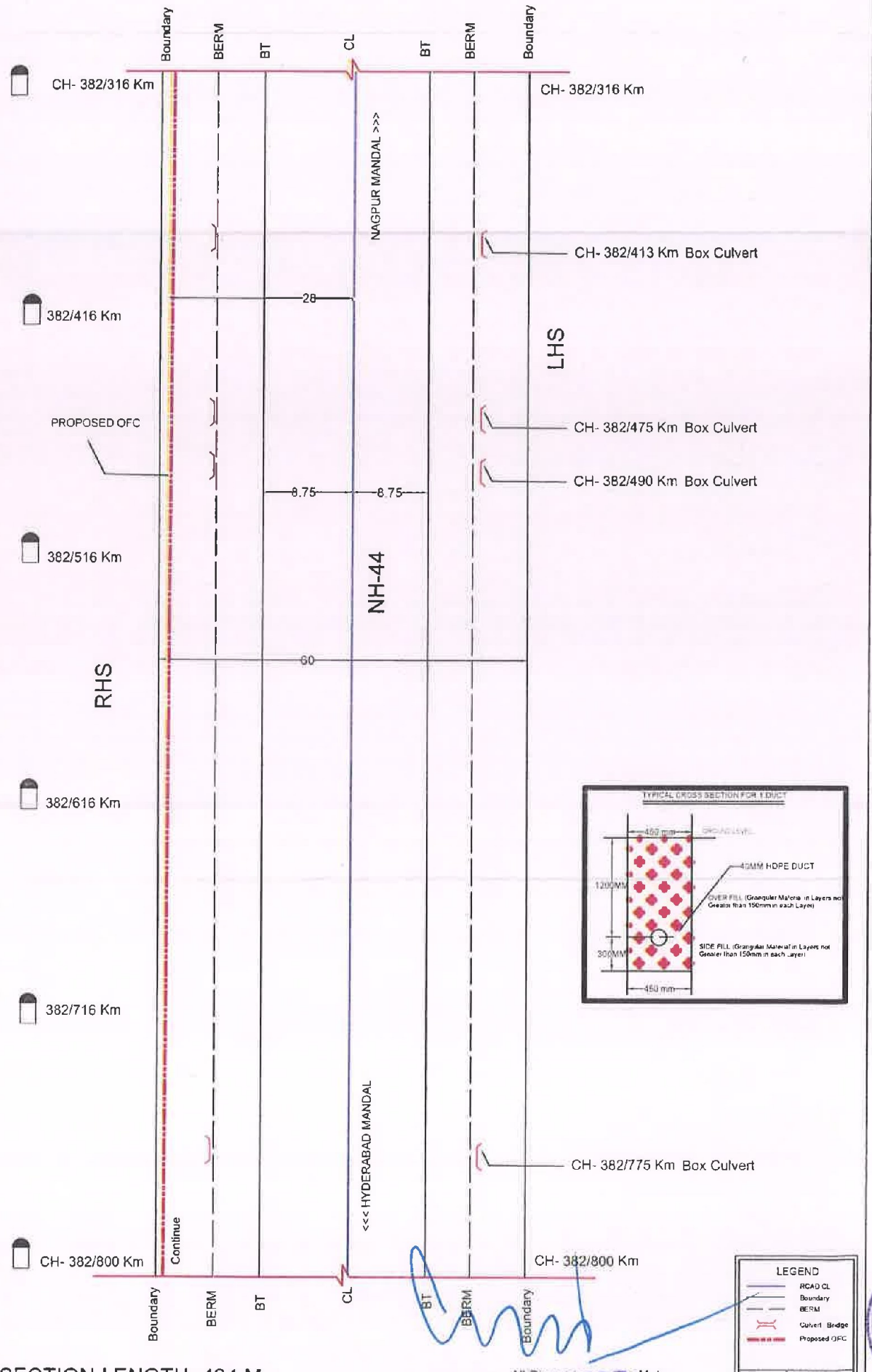
TELANGANA FIBER GRID CORPORATION LTD.

NH- 44 - 382/316 to 382/800 km



SECTION LENGTH=484 M

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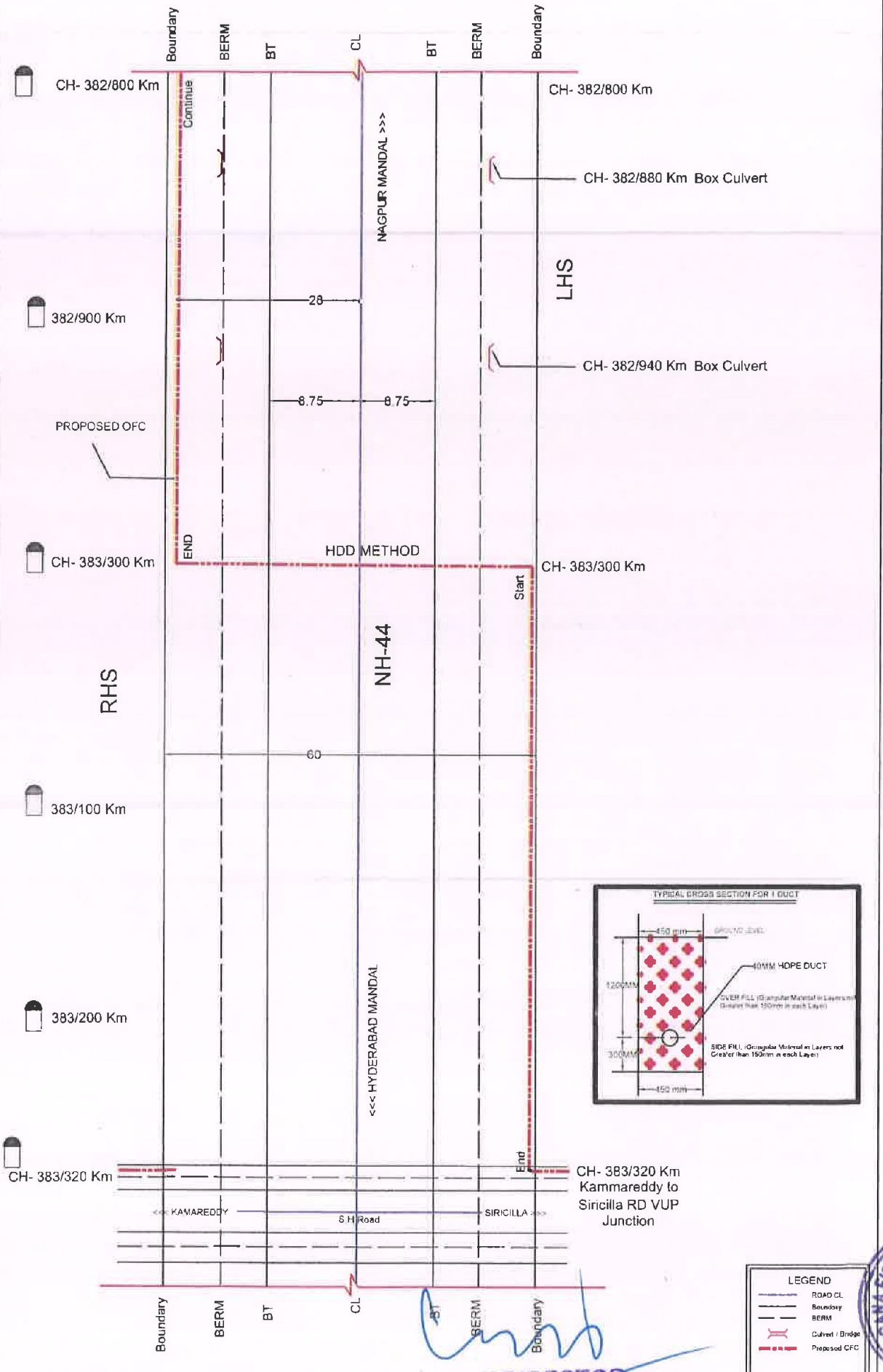
PIU, NIRMAL.

TELANGANA FIBER GRID CORP

NH- 44 - 382/800 to 383/320 km



SECTION LENGTH=580 M

All Dimensions are in Meters

PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

TELANGANA FIBER GRID CORPORATION LTD