

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक 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



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/25011/3/29/2021/Utility/3038

Dt.07.02.2022

Sub: NHAI - RO Hyderabad - PIU Nirmal-Proposal for laying of Optical Fiber Cable for a total length of 33.315 Km from Km.313+507 to Km.314+225 (RHS), Km.341+225 to Km.341+790 (RHS), and from Km.341+790 to Km.373+762 (LHS), along NH-44 by Open trench Methodology and Highway crossings by HDD methodology at Km.341+790 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/2022/23, dt: 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.373+762 to Km.376+495 for a total length of 2.793 Km along the National Highway of NH-44by 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

Encls: Above Proposal

Yours faithfully,

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

To:

 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

कारपोरेट कार्यालय : जी−5 एवं 6, सेक्टर−10, द्वारका, नई दिल्ली − 110 075. वेबसाइट : http://www.nhai.org Corporate Office : G-5 & 6, Sector -10, Dwarka, New Delhi - 110 075 Website : http://www.nhai.gov.in

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 33.315 Km from Km.313+507 to Km.314+225 (RHS), Km.341+225 to Km.341+790 (RHS), and from Km.341+790 to Km.373+762 (LHS), along NH-44 by Open trench Methodology and Highway crossings by HDD methodology at Km.341+790 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

SI. 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	
2	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.)	
3	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- 313/507 to CH - 373/762	
1.5	(Chainage in km)	NH-44 on LHS from Km 341/790 to 373/762	
		on RHS Km 313/507 to 314/225, 341/225 to 341/790 and across the road lengths of 0.060	
		KM. Total Section length at different locations for ROW applied KM 33.315 (i.e.33315Mtrs) under the jurisdiction of Nirmal.	
1.6	Length in Meters	33315	
1.7	Width of available ROW	60	
	(a) Left side from center line towards increasing chainage/km direction (b) Right side from center line towards	30 Mtrs	
1.8	increasing chainage/km direction Proposal to lay the cable	JO MILIS	
	(a) Left side from center line towards increasing chainage/km direction	Km 341/790 to 373/762	
	(b) Right side from center line towards increasing chainage/km direction	Km 313/507 to 314/225 Km 341/225 to 341/790	
1.9	Proposal to acquire land	NA	
	(a) Left side form center line	NA	
	(b) Right side from center line	NA	
	Whether proposal is in the same side where land is not to be acquired	NA	ı
1,11	If not then where to lay the cable Details of already laid services, if any, along the proposed route	BSNLOFC	
	Number of lanes (2/4 / 6/8 lanes) existing	4	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	4 Lane	
1.14	Service road existing or not If yes then which side	NO	
	(a) Left side from center line		
	(b) Right side from center line		
	Proposed Service Road	N -	
	(a) Left side from center Line	No	
	(b) Right side from center line		
	GHV COA		

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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	
25	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	
	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	
T	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	Yes, Enclosed	
	1.6m deep x 0.3m wide)i) Should not be greater than 60cm wider than the outer diameter of the pipe	Yes	
	GRID	1,000	13



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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 2.2 Cross section showing the size of pit and location of cable for HDD method 2.3 Strip plan/Route Plan showing the utility/Gas pie line, Chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc. 2.4 Methodology for laying of the utility pipe line. 3.4.1 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 (a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe. (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. (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. (d) The side-fill shall consist of granular
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(d) The side-fill shall consist of granular Yes
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.
(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.
(f) The excavation shall be protected by flagman, signs and barricades, and

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	red lights during night hours.		
	(g) If required, a diversion shall be	Yes	
	constructed at the expense of agency		
	owning the utility line.		
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes Attached Drawing	
2.4.3	Laying OFC Through CD Works And Method	Details Provided in Methodology of	
	Of Laying (Whether to be hung outside	Laying	
	parapet)		
3	Draft License Agreement is signed by two	Enclosed	
	witnesses		
3.1	The licensee fees estimate as per Ministry's	Furnished	
	guidelines issued vide circular No. RW/NH-		
	33044/29/2015/ S&R(R) dated 22.11.2016.		
4	Whether Performance Bank Guarantee as	Yes	
	per Ministry's Circular no. RW/NH		
	33044/29 /2015/S&(R) dated 22.11.2016		
	is obtained.		
4.1	Confirmation of BG has been obtained or not	Yes	
	as per MoRTH/NHAI guidelines		
5	Affidavit / Undertaking from the Applicant for		
	the following is to be furnished		
5.1	Undertaking for not to Damage any other	Yes ; Enclosed	
0.1	utility, if damaged then to pay the losses	res , Effclosed	
	either to NHAI or to the concerned agency.		
5.2	Undertaking for Renewal of Bank Guarantee	Yes	
0.4	as and when asked by MoRTH/NHAI.	res	
5.3	Undertaking for Confirming all standard	Du Luci 1	
0.0	condition of Ministry Circulars and NHAI's	Enclosed	
	guidelines.		
5.4			
3.4	Undertaking for Indemnity against all	Enclosed	
5.5	damages and claims		
5.5	Undertaking for management of traffic	Enclosed	
	movement during laying of utility line		
= -	without hampering the traffic.		
5.6	Undertaking that if any claim is raised by	Enclosed	
	the Concessionaire/contractor then the		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	same has to be paid by the applicant.		
5.7	Undertaking that prior approval of the NHAI	Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any	Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or	Enclosed	
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	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the utility located in the National Highway right-of-ways.		
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the utility located in the National Highway right-of-ways. Undertaking that expenditure, if any,	Enclosed	
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	Organization, Oil Industry Safety	
	Directorate, State/Central Pollution Control	
	Board and any other statutory clearance s	
	applicable, before applying to Highway	
	Administration	
5.	11 If the MoRTH/NHAI considers it necessary	Enclosed
1	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.	
5.	12 Certificate from the applicant in the	Enclosed
	following format	
1	(i) Laying of OFC pipe line will not have	
1	any deleterious effects on any of the bridge	
	components and roadway safety for traffic.	
A	(ii)"We do undertake that I/we will	
(J.)	relocate service road/approach road /	
	utilities at my/our own co	
6	J	Yes ; Enclosed
	signatory	
7		
7.	[]	Yes
	all standard conditions issued vide	
	Ministry's Circular No: RW/NH-	
7.5	33044/29/2015/S&(R) dated 22.11.2016.	
1	3	Yes
ŀ	(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	
1	future improvement such as widening of	
-	the carriageway, easing of curve etc".	
1	(ii) for 6-lanning	
7	(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".	
ĺ	(b) In case feasibility report is not	
	available	
	"I do certify that sufficient ROW is	
	available at site for accommodating	
8	proposed six-laning".	
0	If NH section proposed to be taken up by NHAI	Inserted in the Agreement
	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	
	the right to day cable/duct has also been	
	granted as a right of way to the concessions in	
	granted as a right of way to the concessionaire	
	granted as a right of way to the concessionaire under the concession agreement for	
	granted as a right of way to the concessionaire	

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	to km of NMH No on Build, Operate 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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[Enclosure to Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.9.2000 and dt. 23.07.2093]

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

(to be maintained separately for every NH and State)

Name of State ri

: Telangana : NH Name of Agency (NHAI)

NHAI Number

3

: NH-44

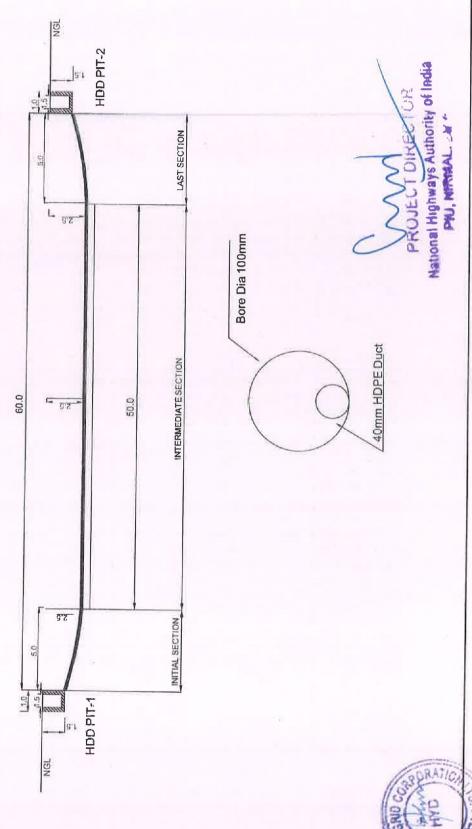
S.No	Location (change in Km)	Left or	Section	Kind of	Name of license	Date of	Date	Date	Any	Rema
. 65		right	and reach	service	and contact	signing of of last	Jo	of last de	deviation	rks
		side of			address	of	valid	inspec	from	
		HN				agreem	ity of	ity of tion of	MOST	
		(towards				en t	apte	site	etandard	

Rema rks	
Any deviation from MOST standard norms	No
Date Dete of of last valid inspec ity of tion of agre site eme nt	
Date of valid ity of agreeme nt	
Date of signing of of agreem ent	
Name of license and contact address	Telangana Fiber Grid Corporation Ltd. 7th Floor splendid Tower SP Road Begumpet, Hyderabad. Telangana-500003
Kind of service	Telangana Fiber
Section and reach	
Left or right side of NH (towards increasin g chainage /km direction	RHS
Location (change in Km)	CH - 313/507 to 314/225, CH - 341/225 to 341/790 CH - 341/790 to 373/762 Crossing CH-341/790
S.No	3 5 1

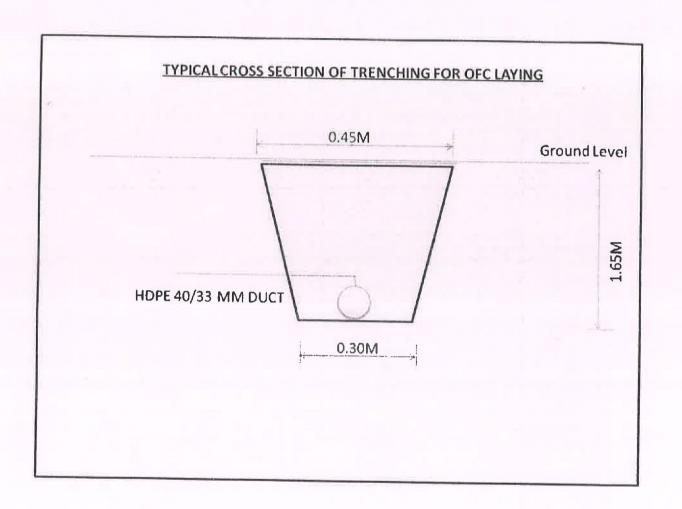


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Typical Cross Sectional For HDD

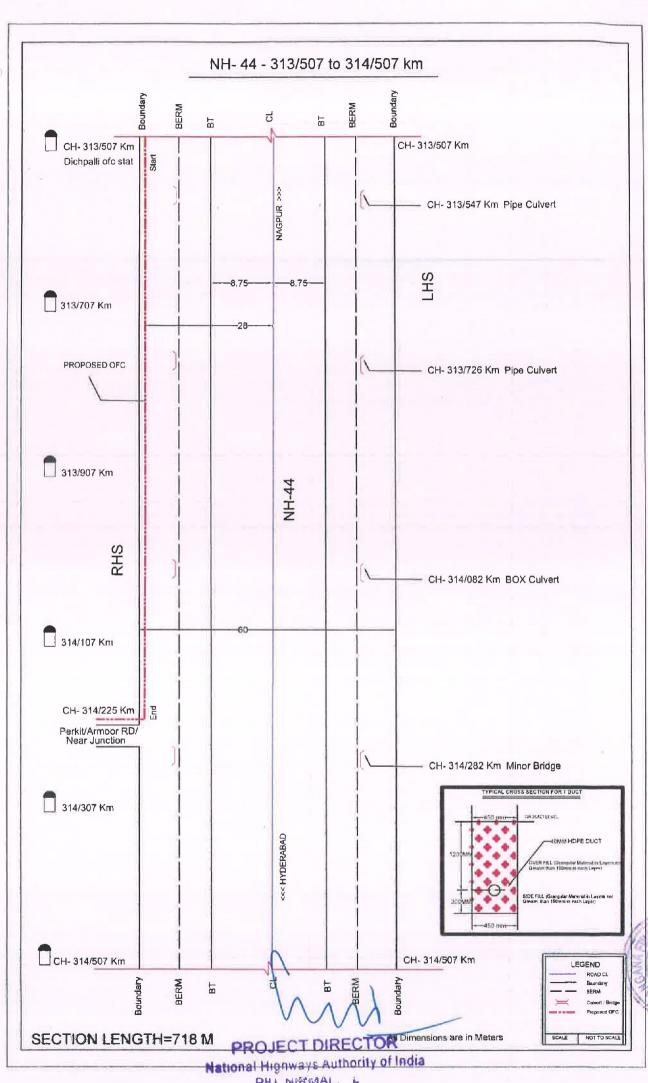




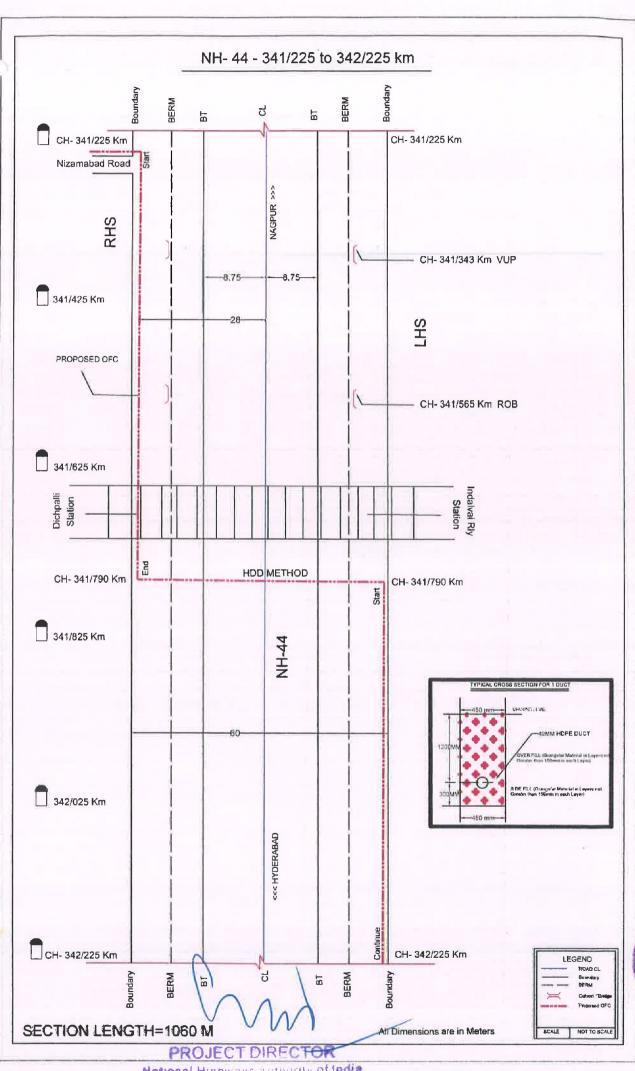




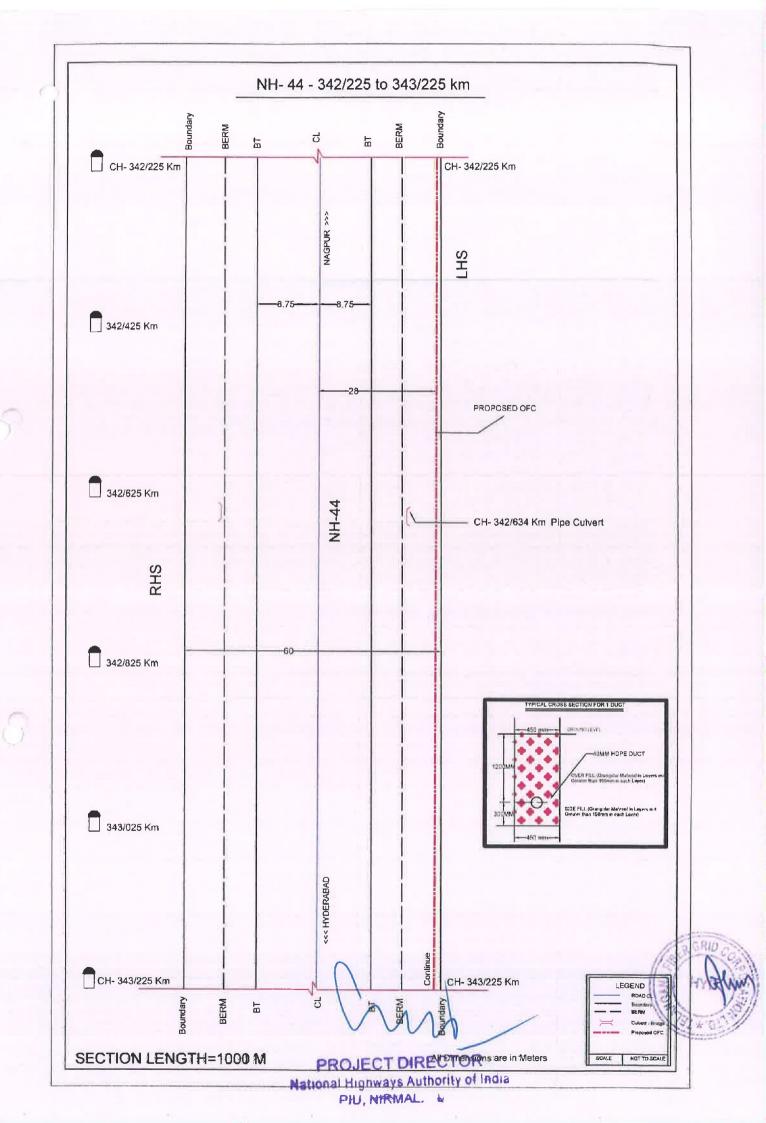
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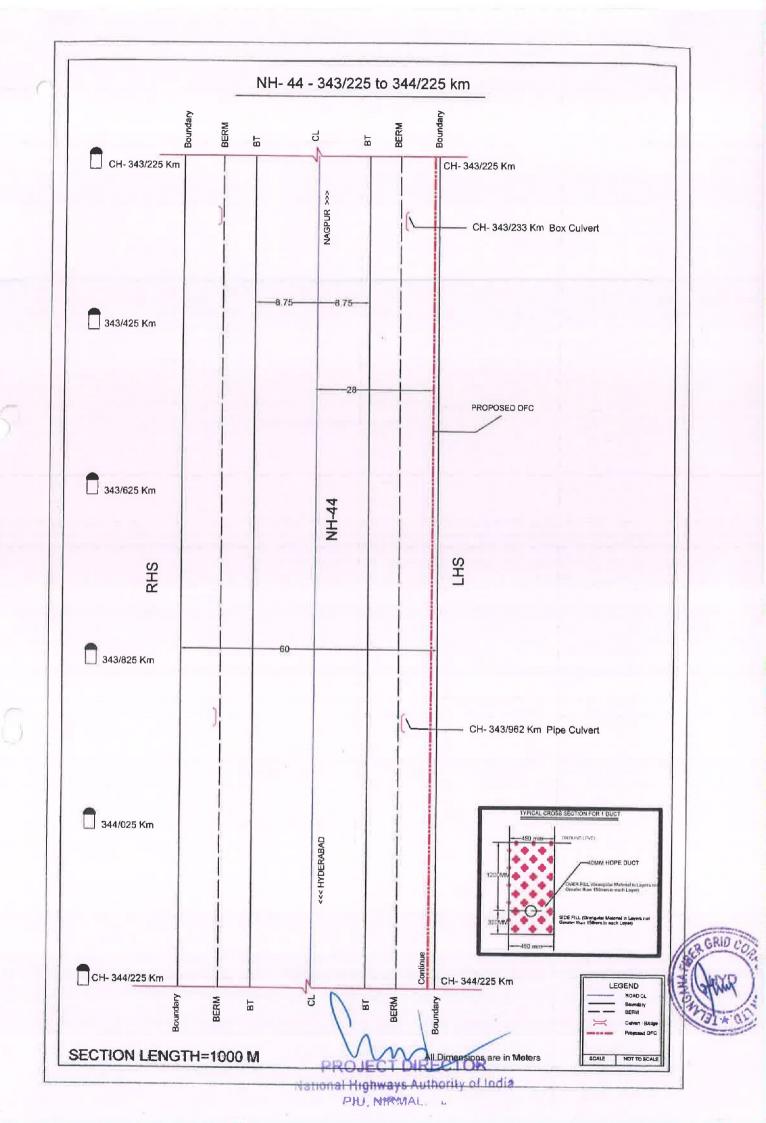


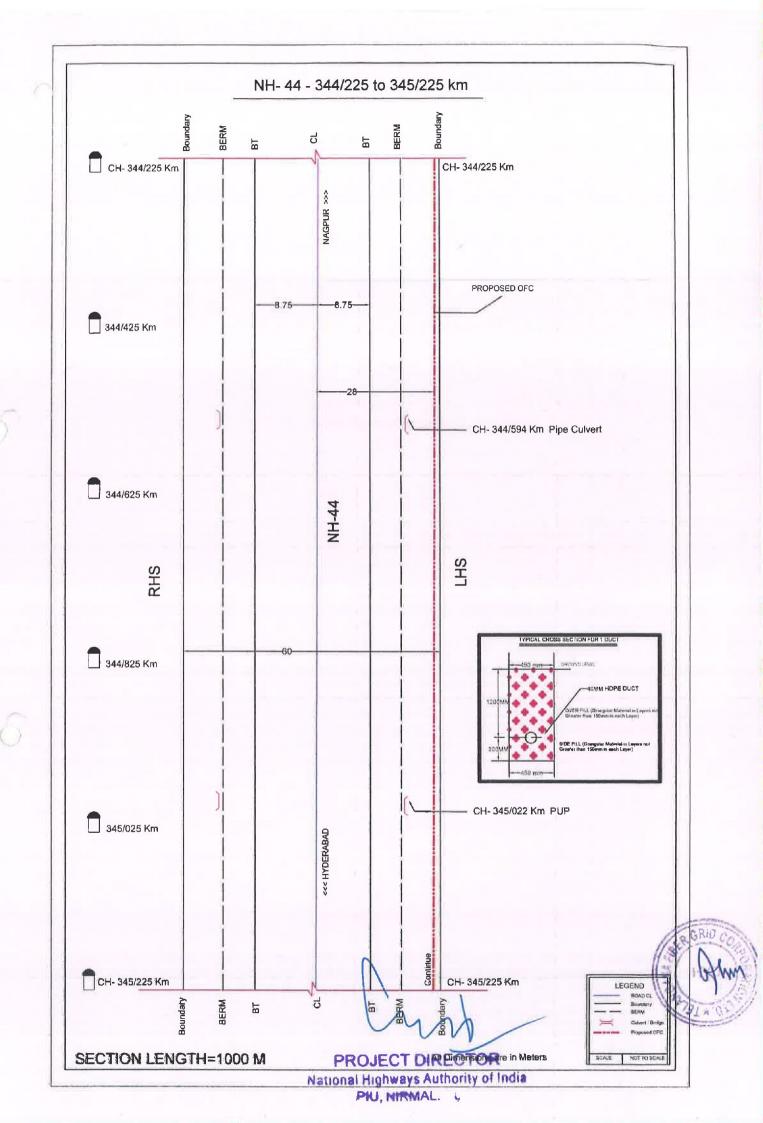
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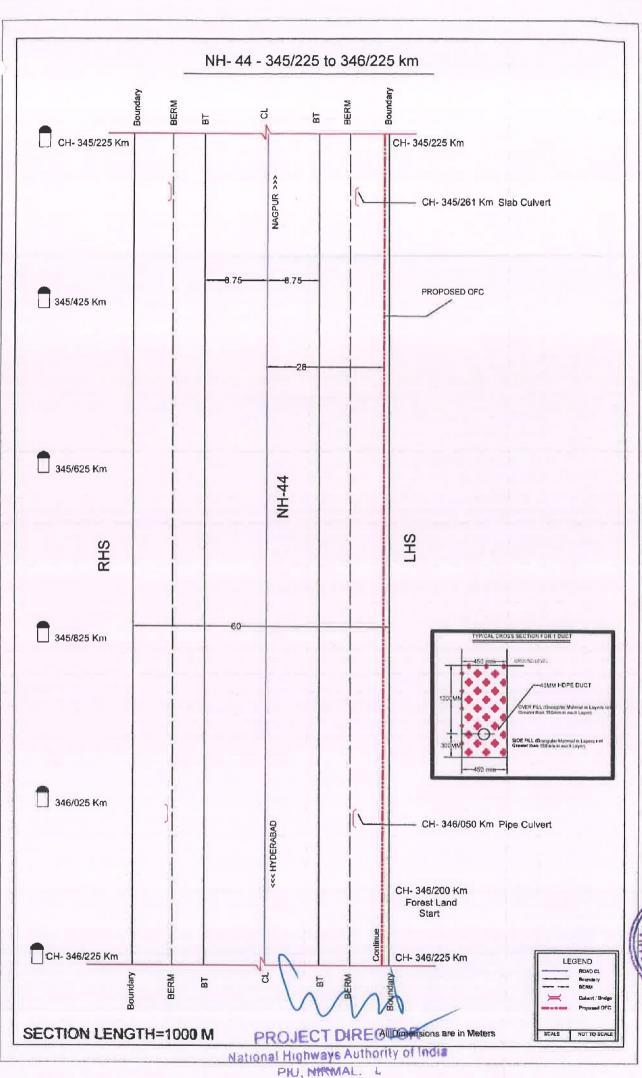




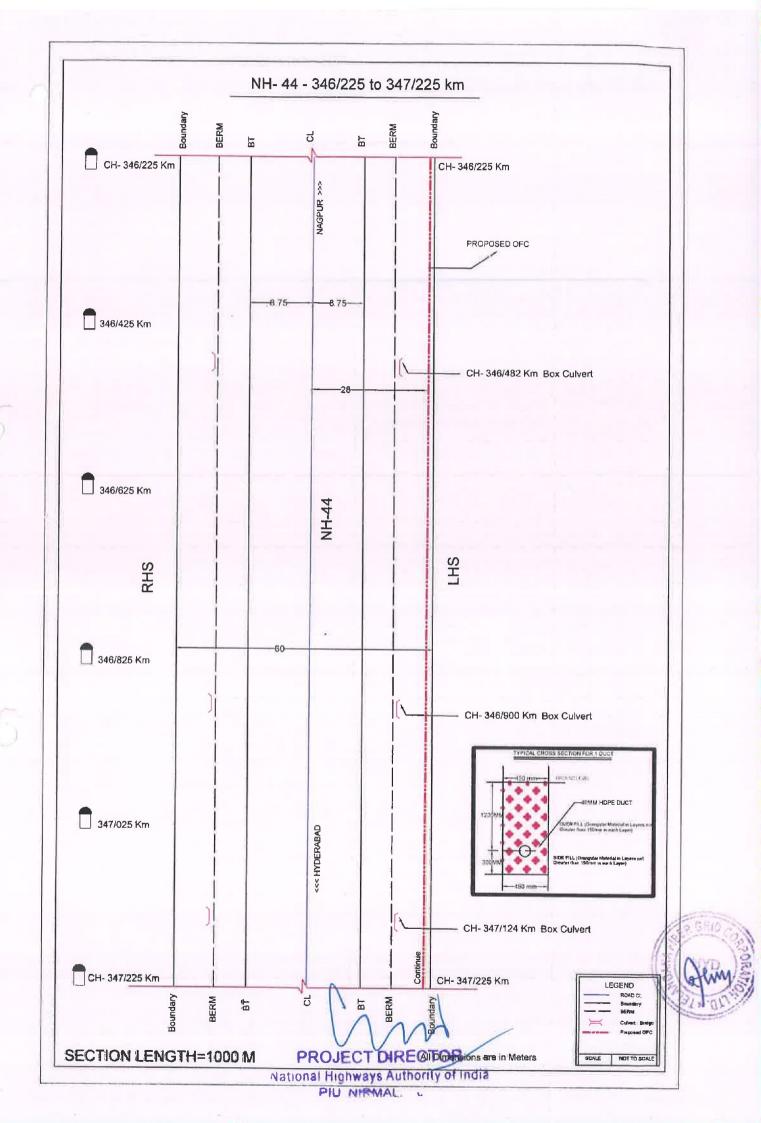


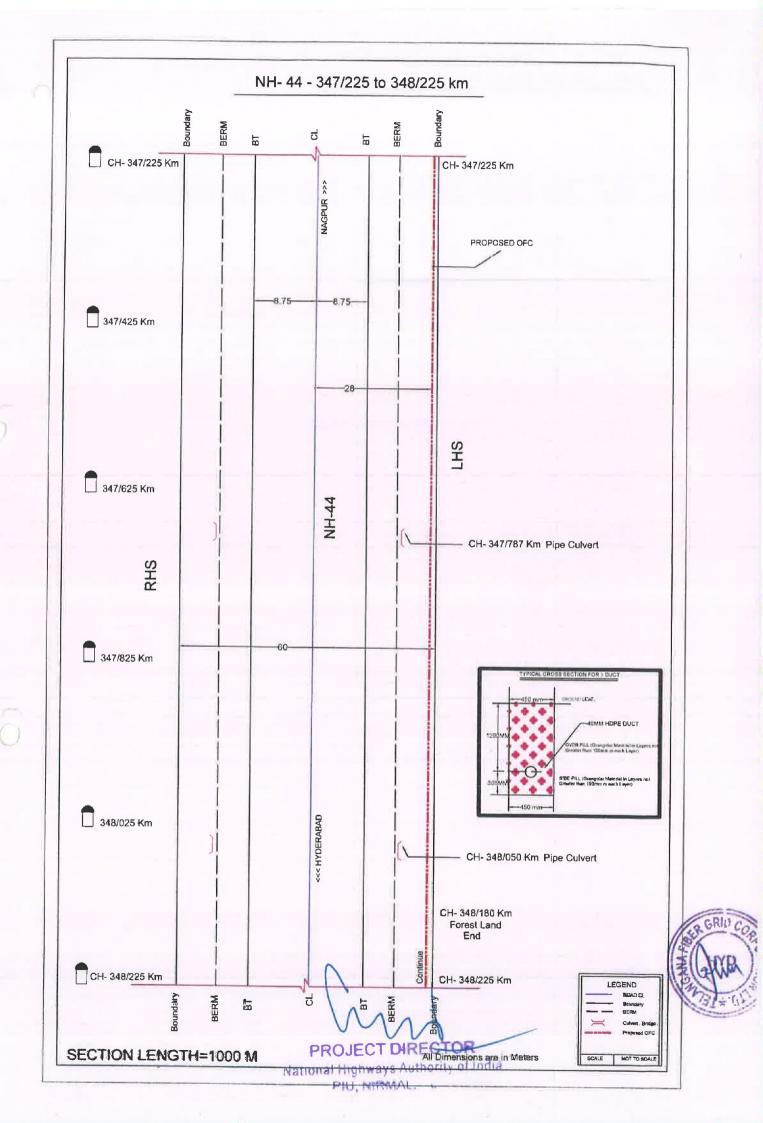


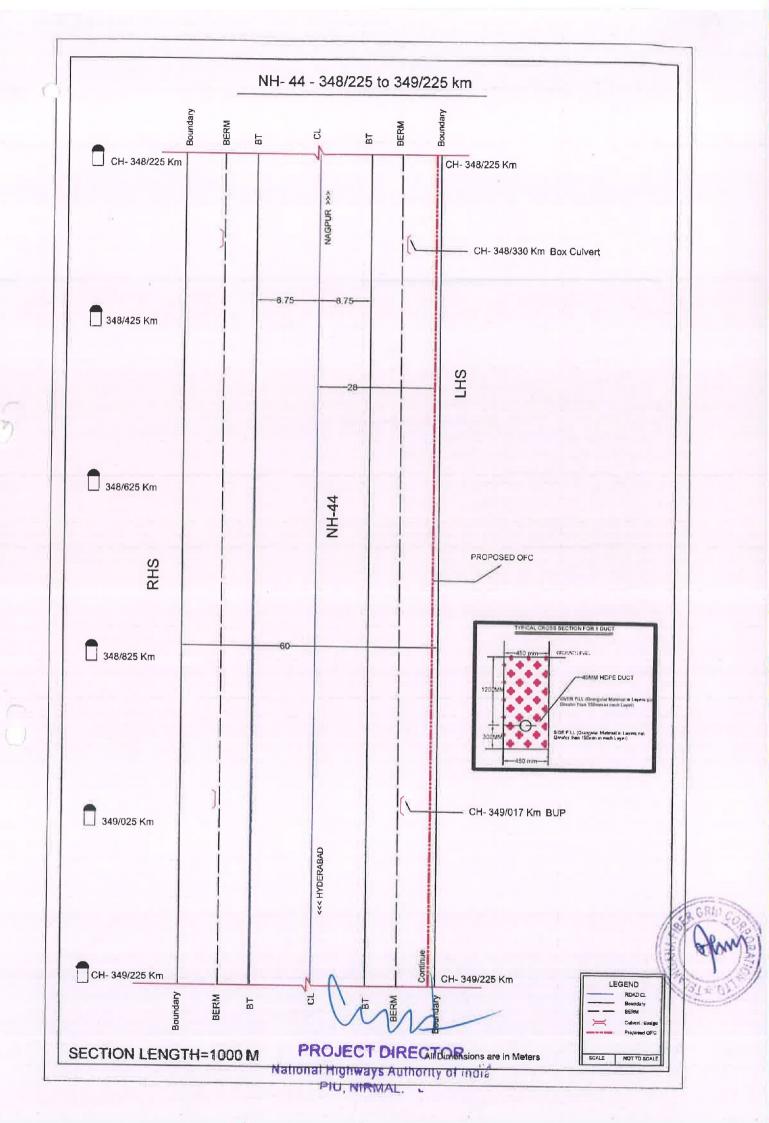


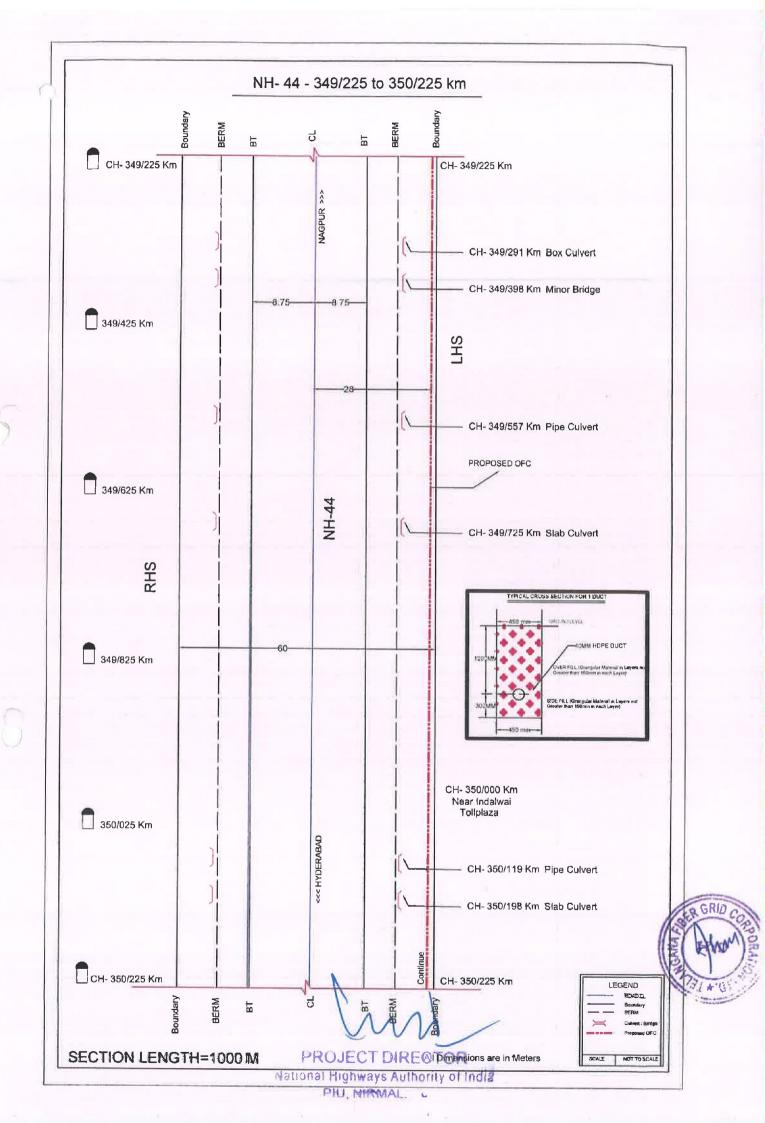


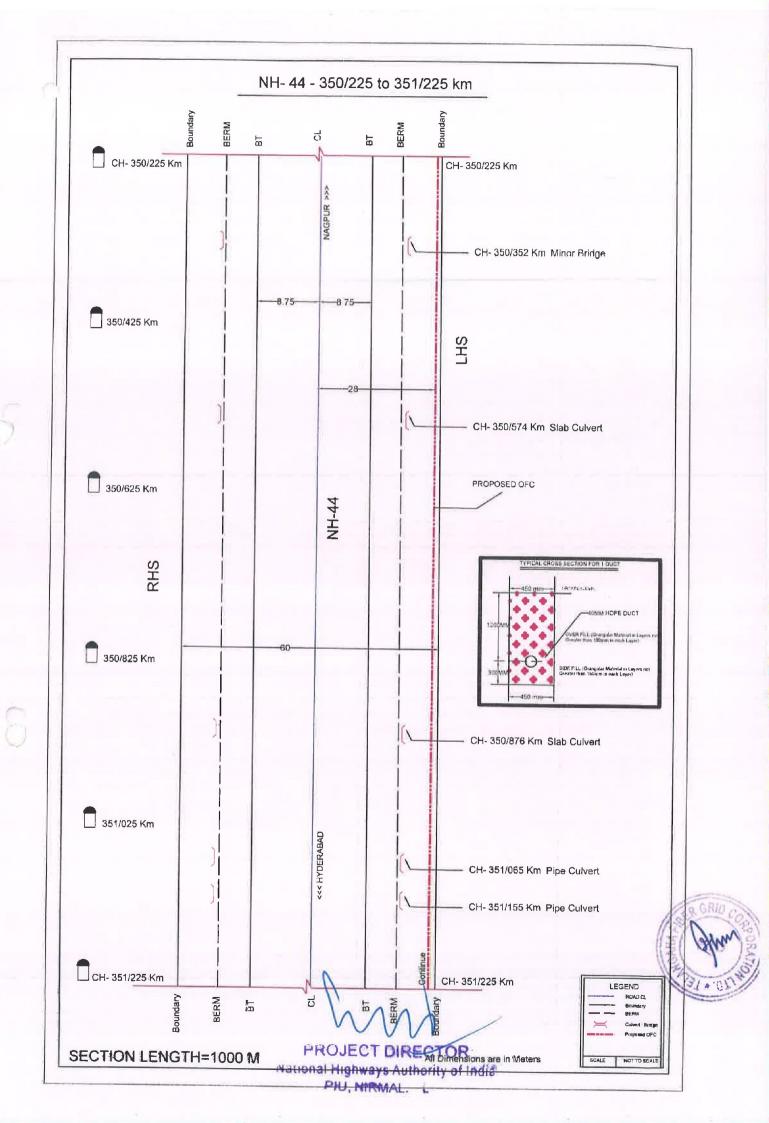
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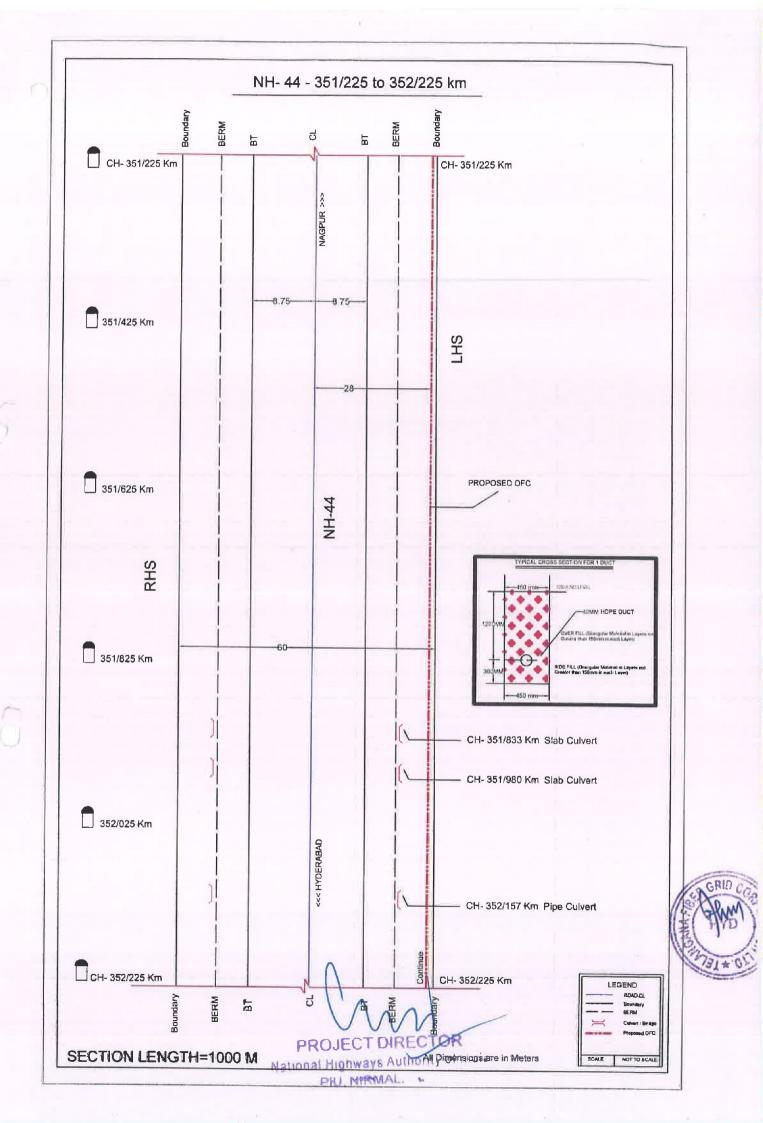


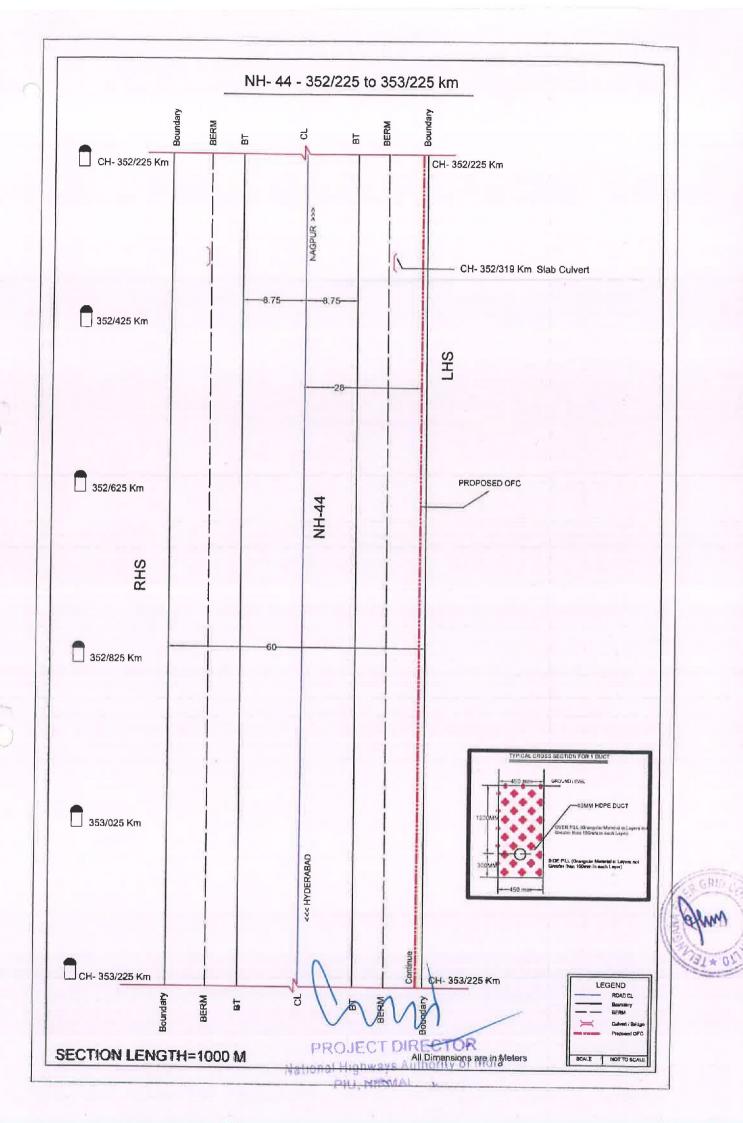


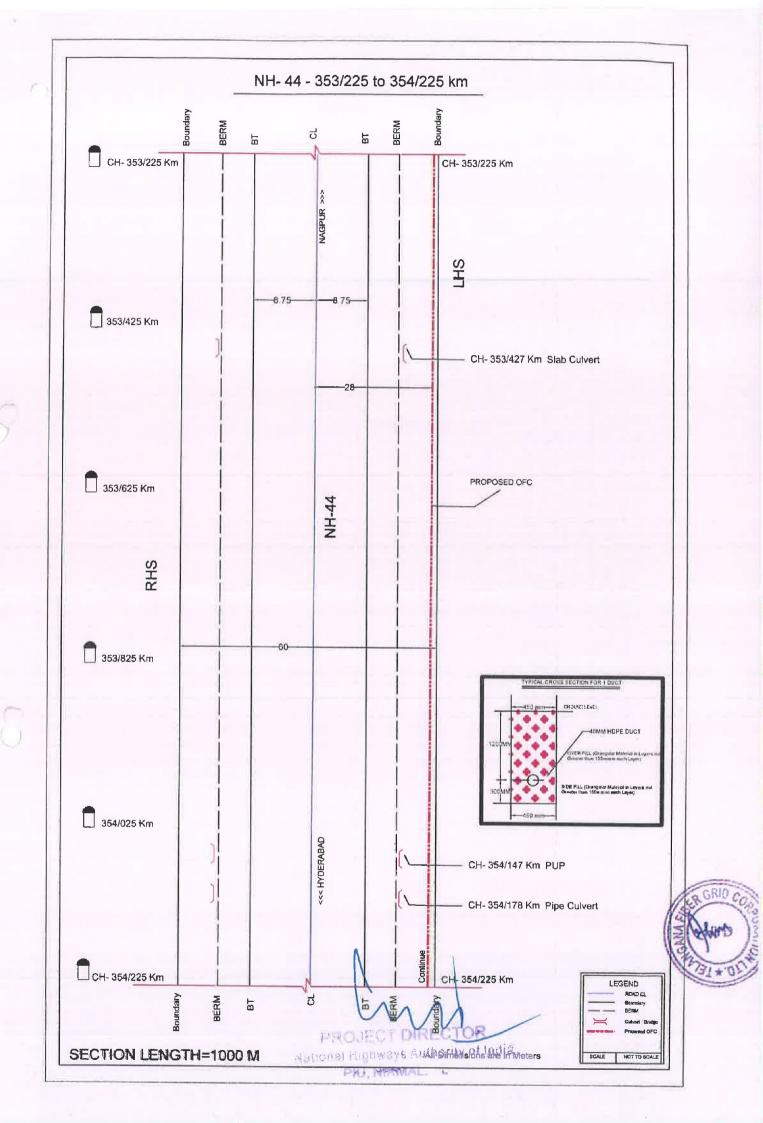


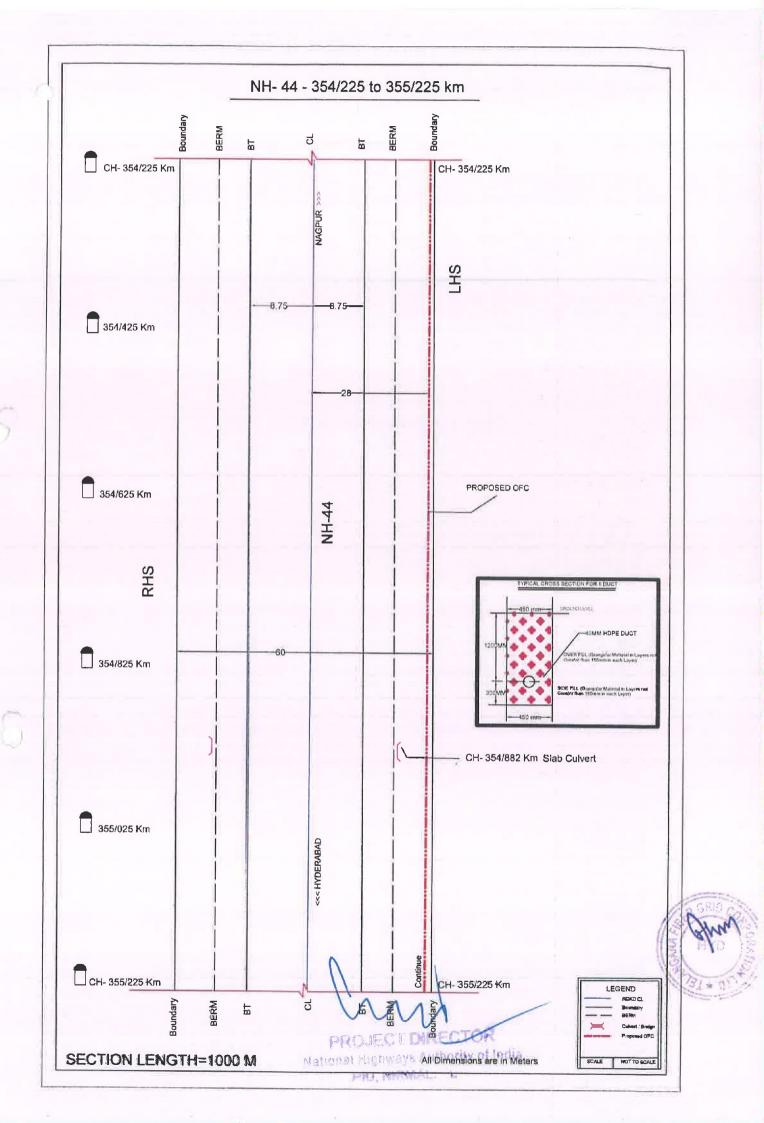


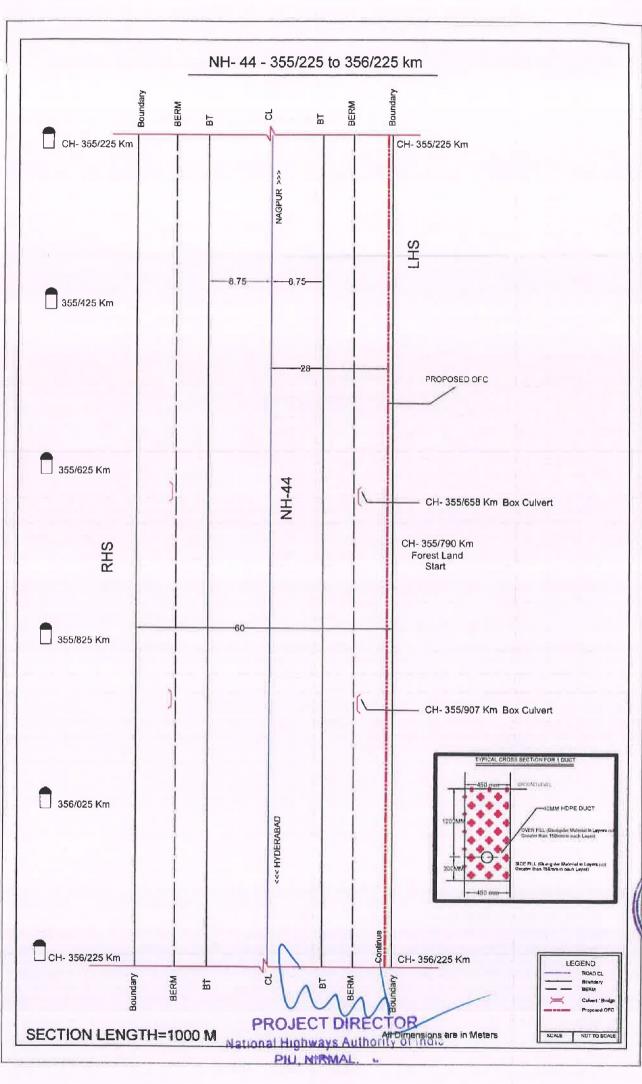




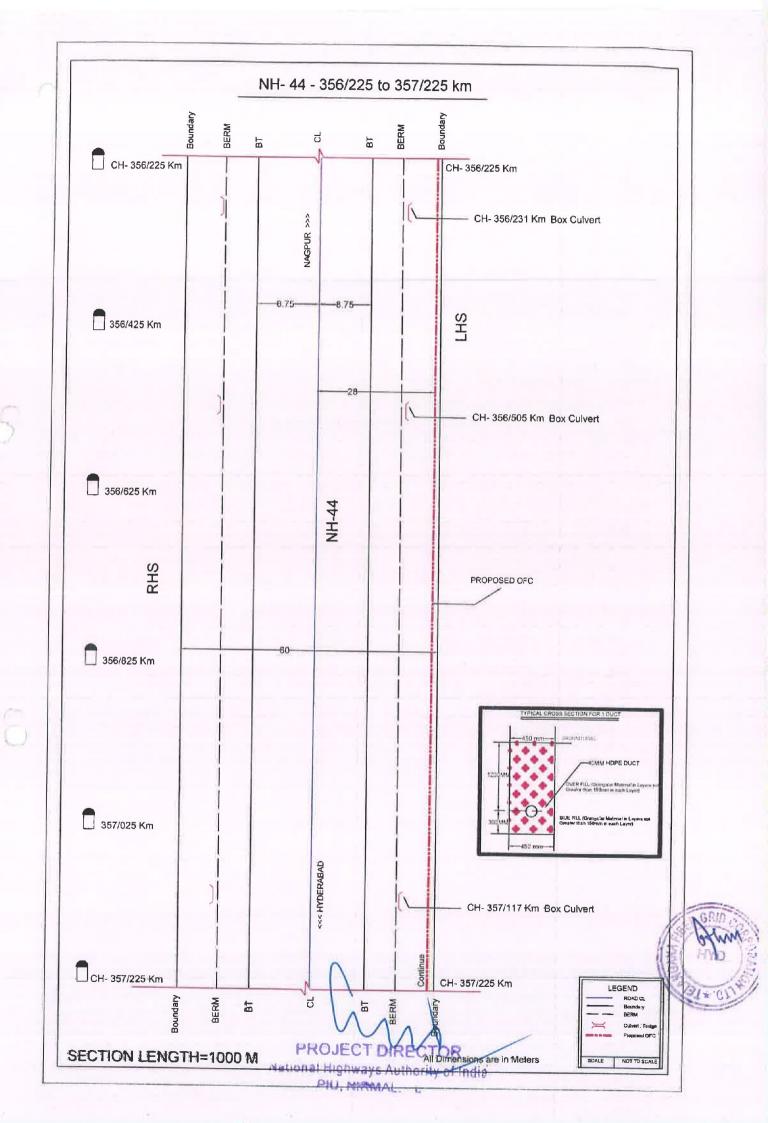


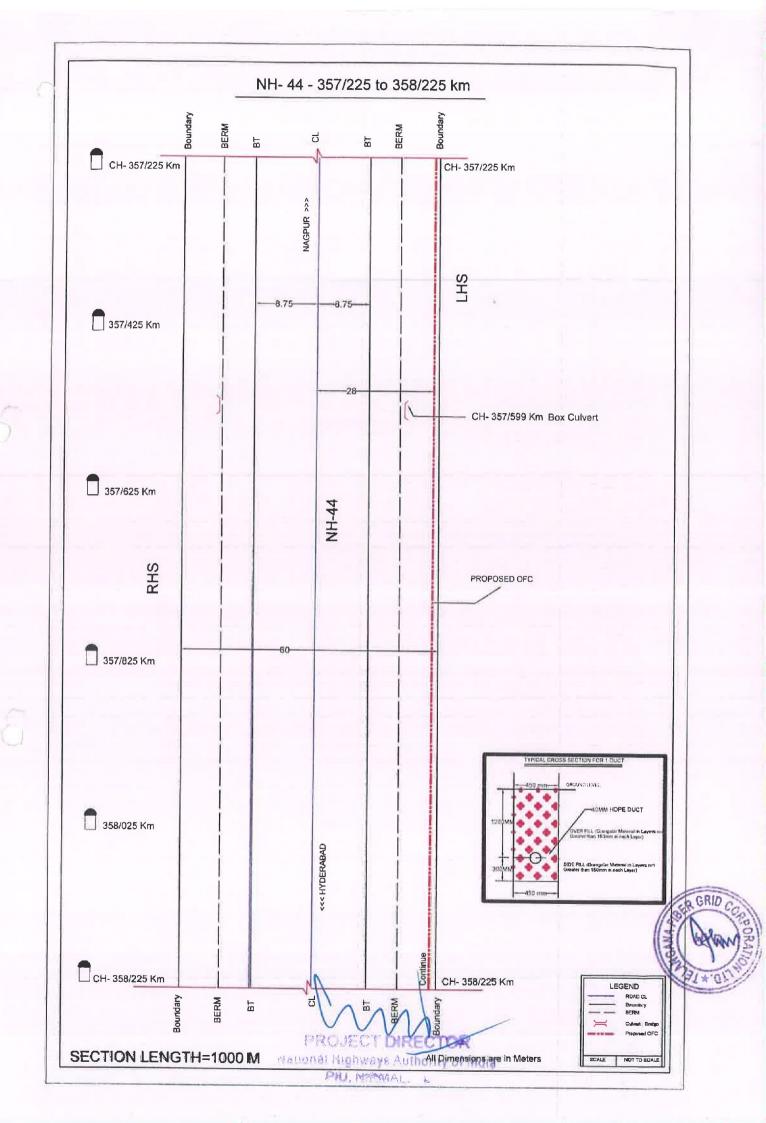


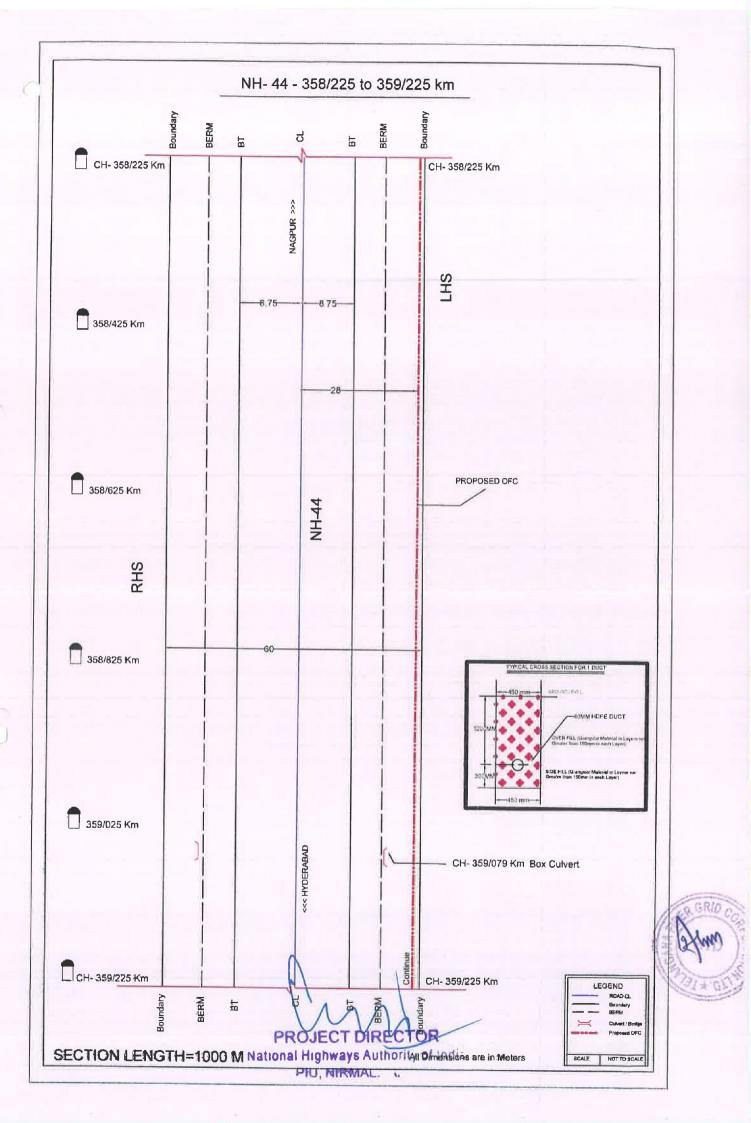


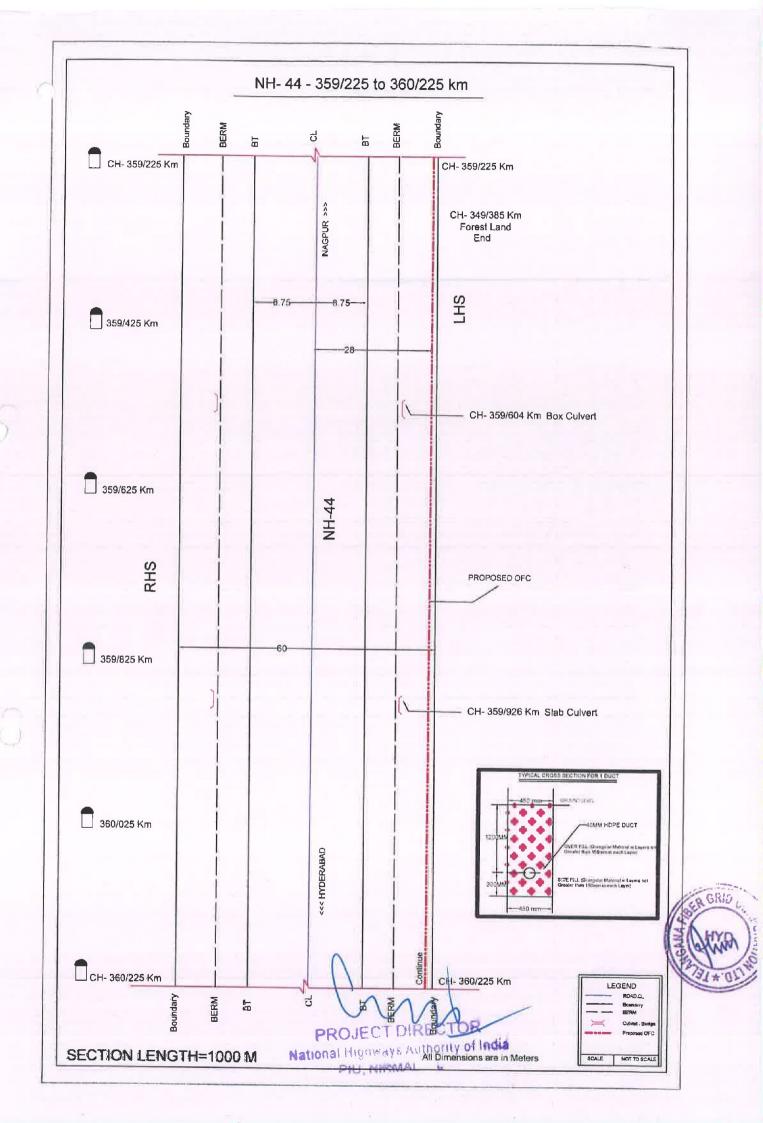


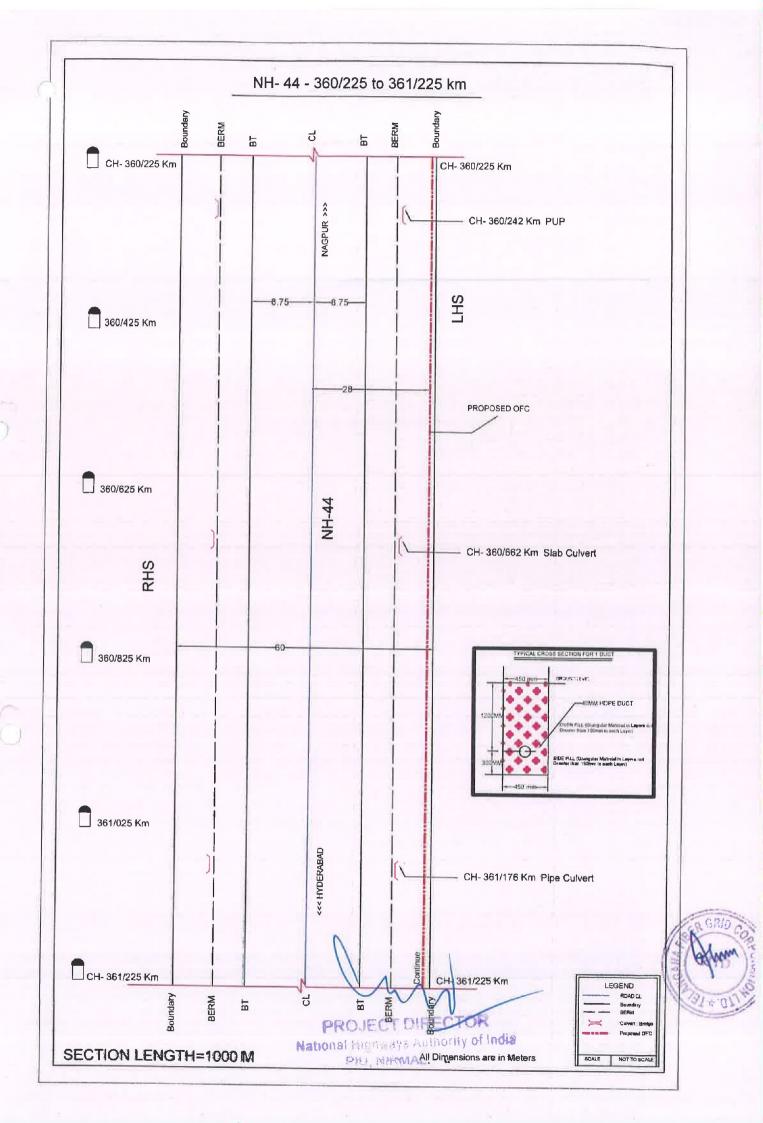


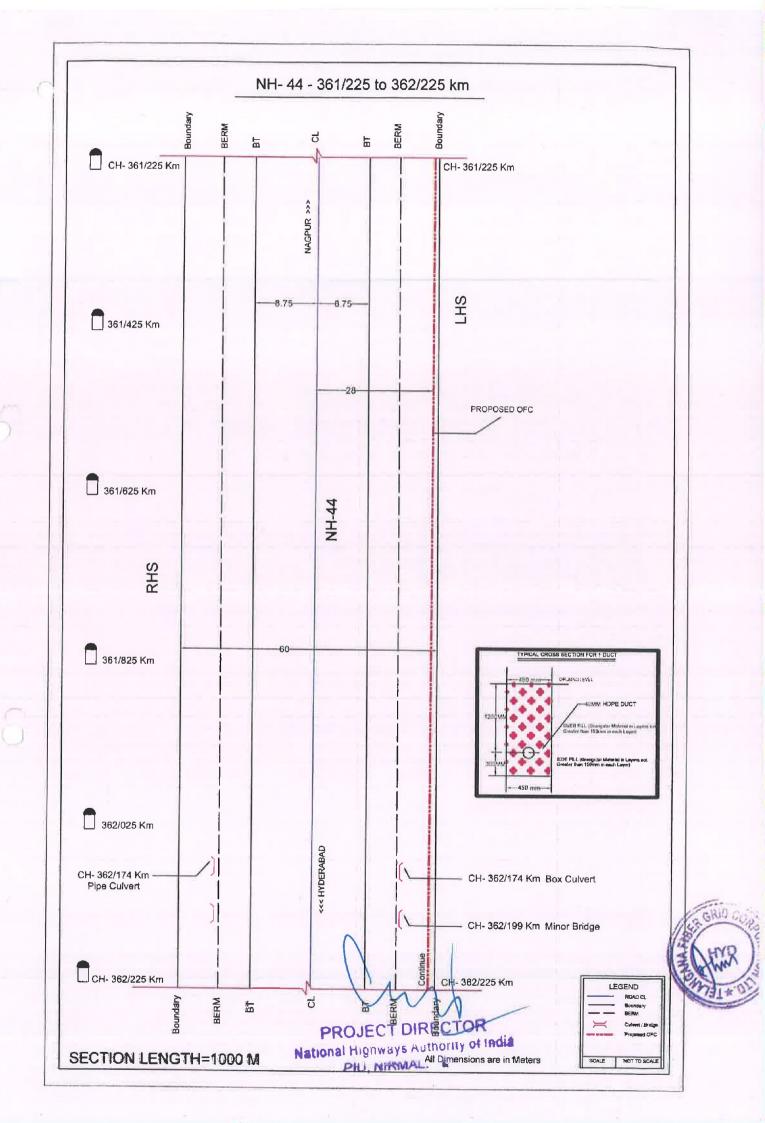


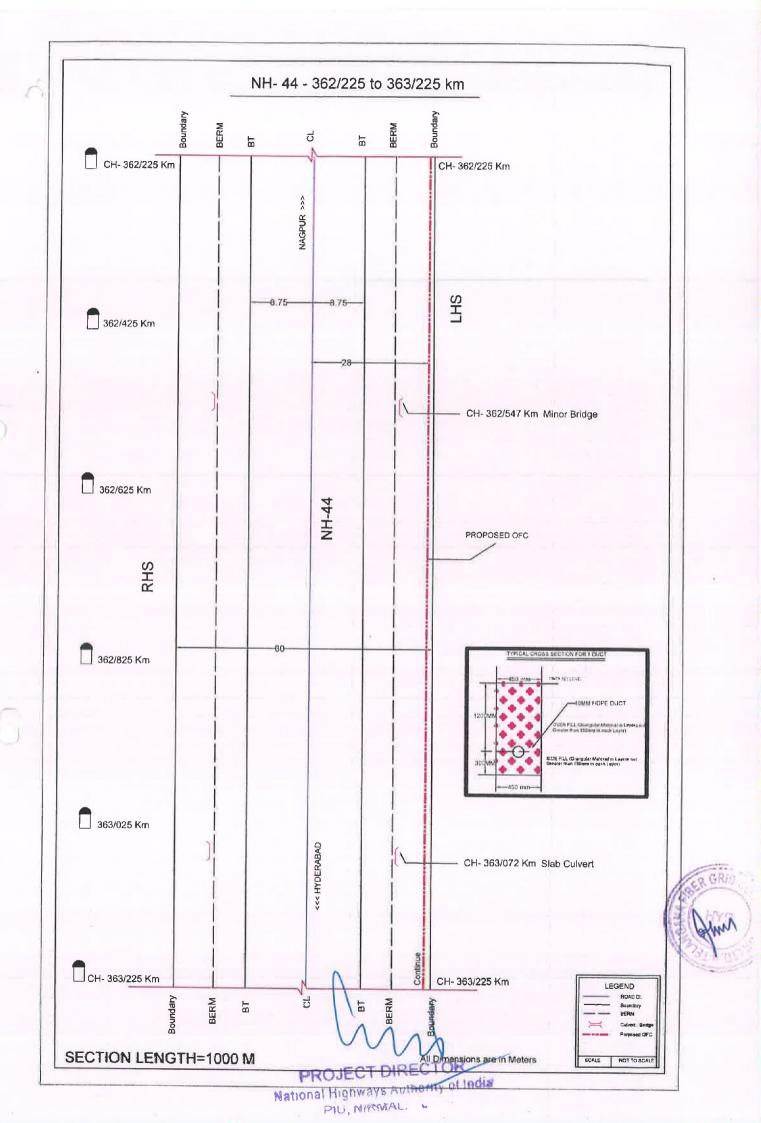


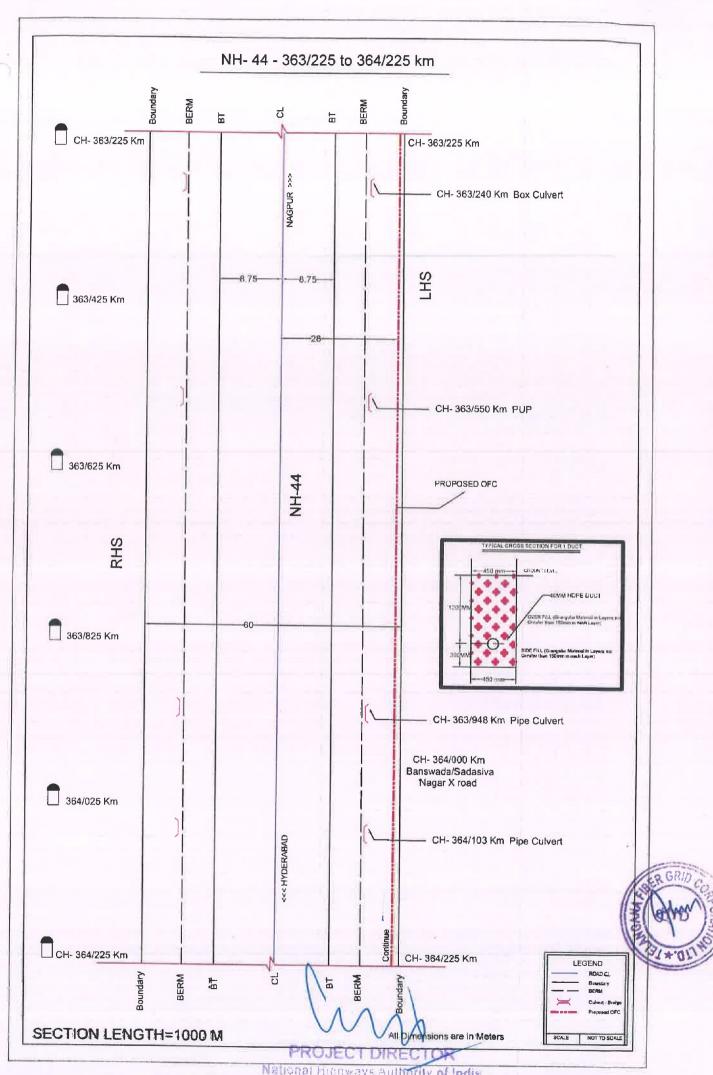




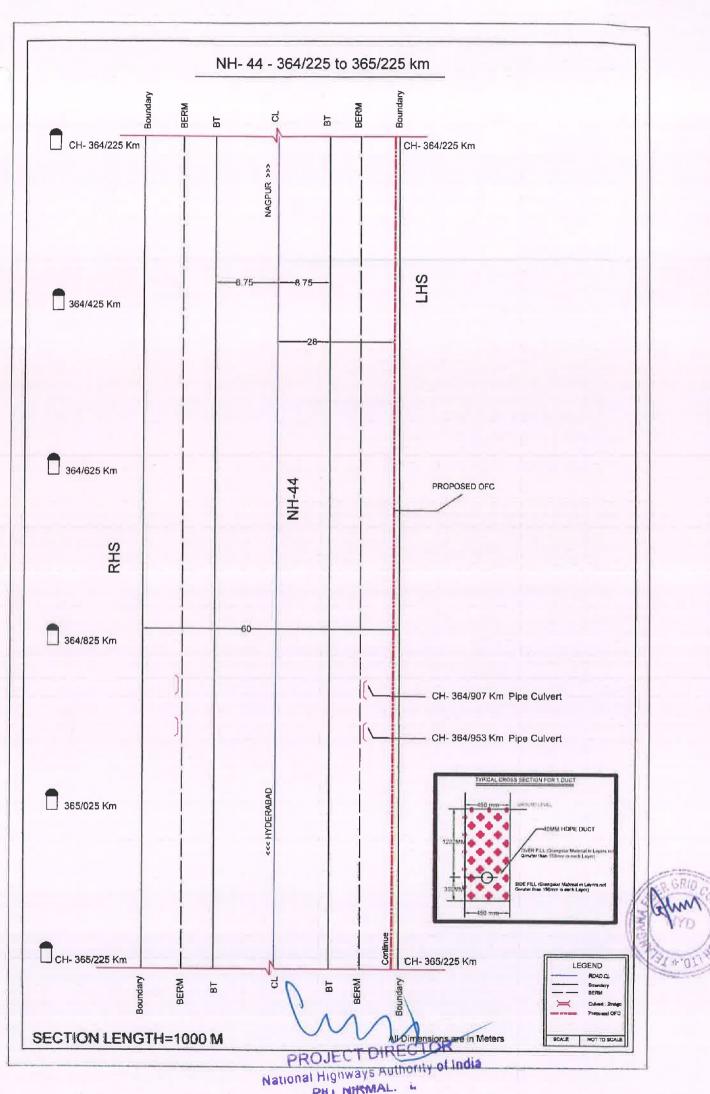




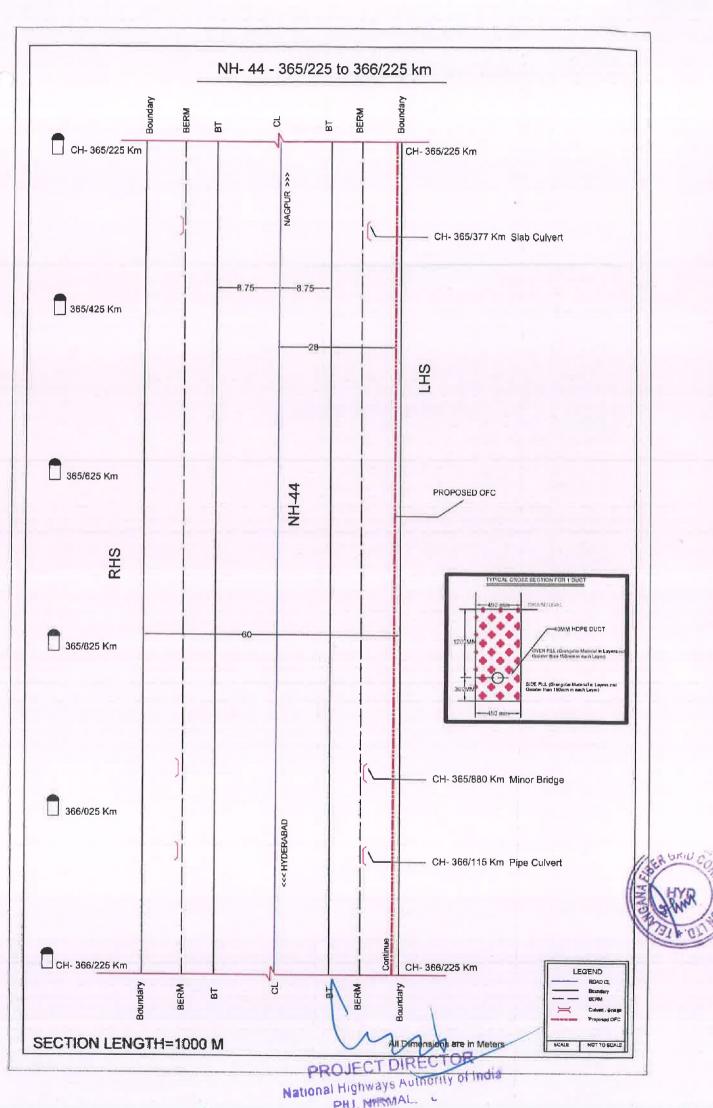


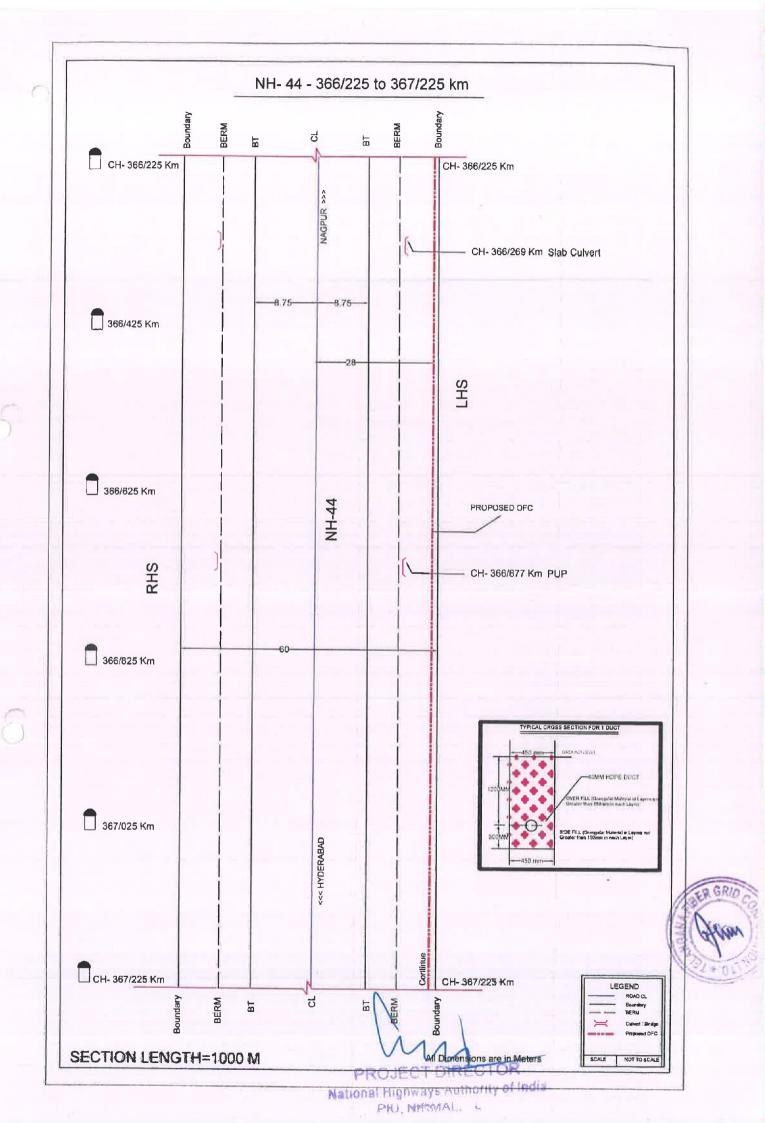


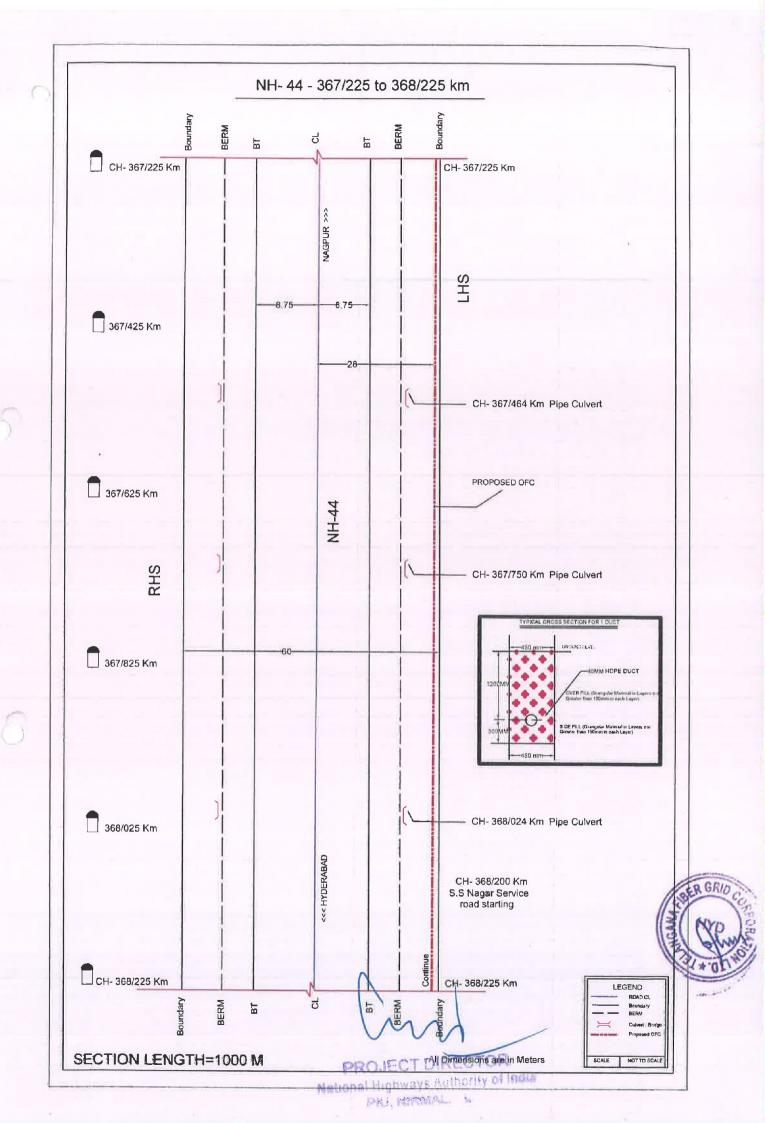
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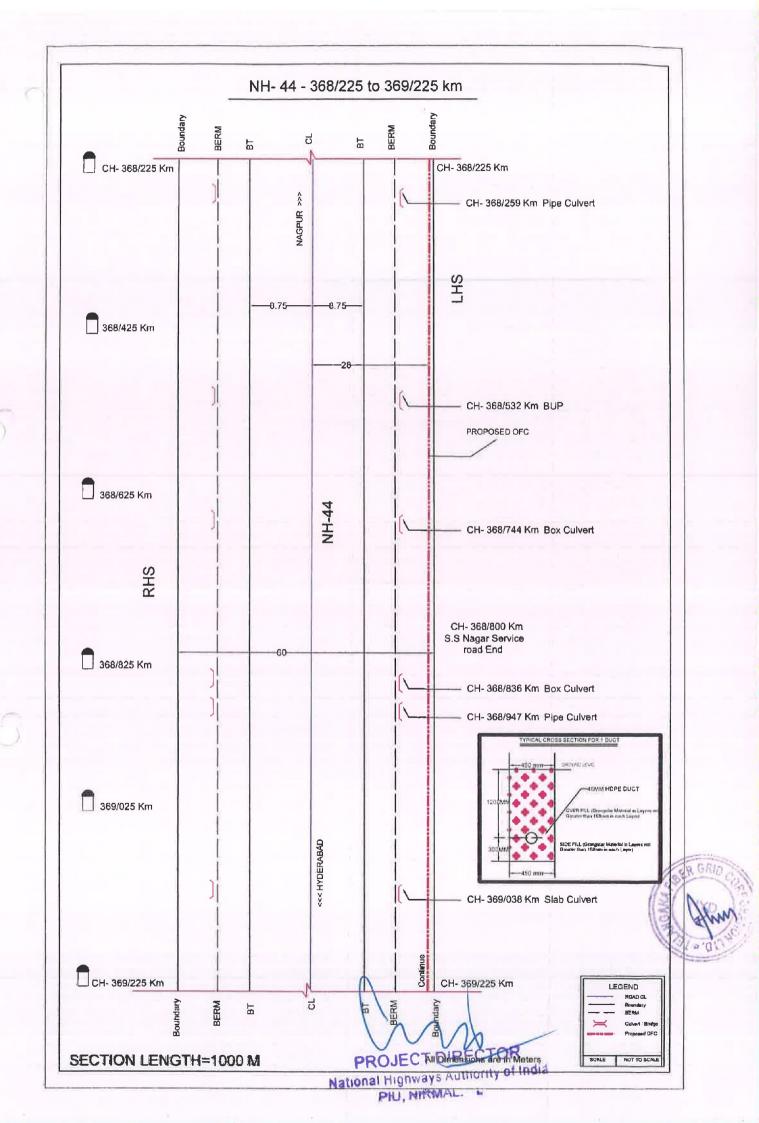


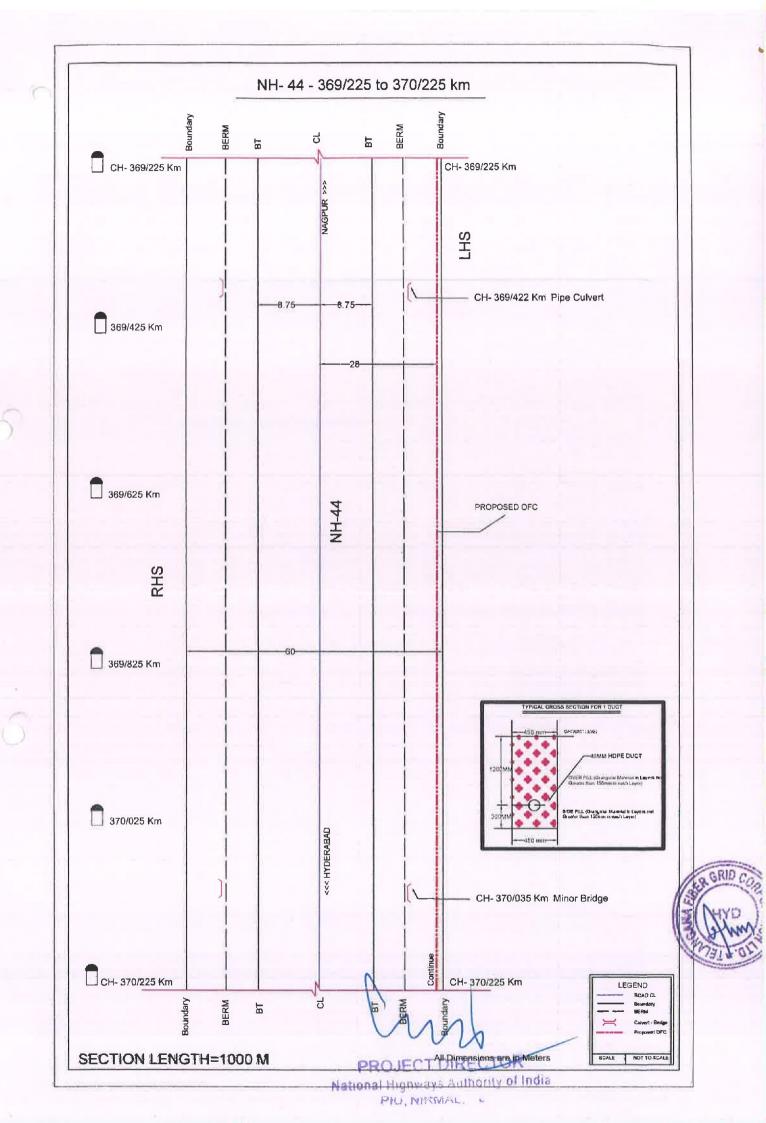
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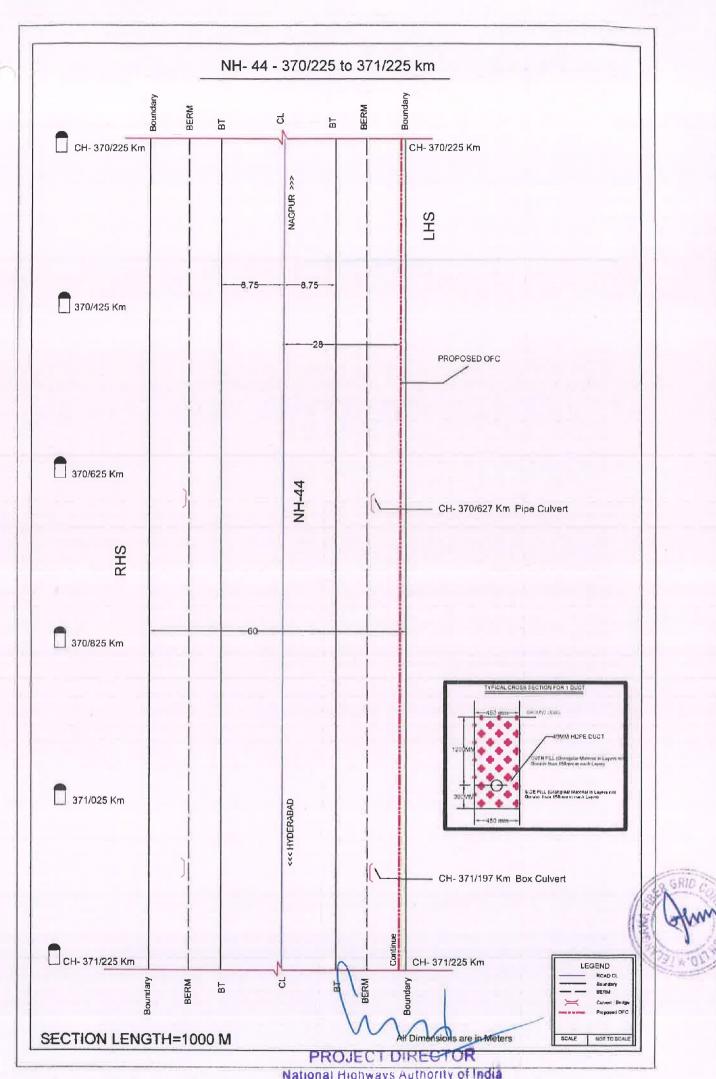




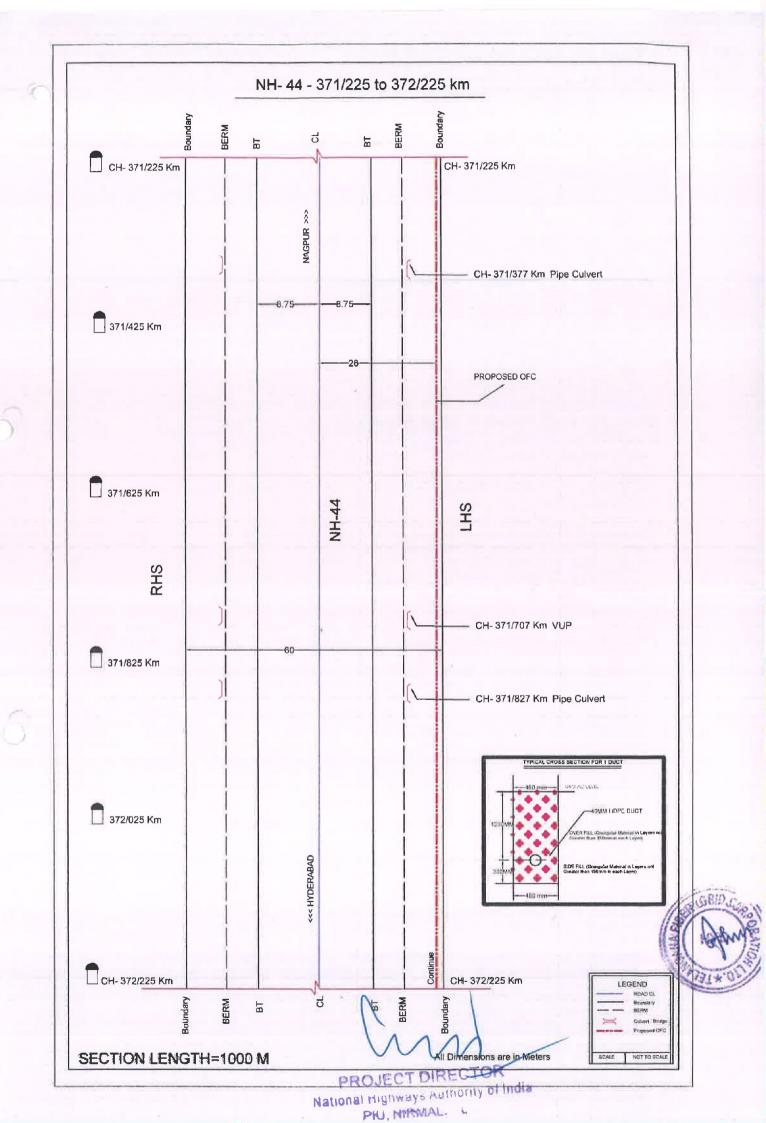


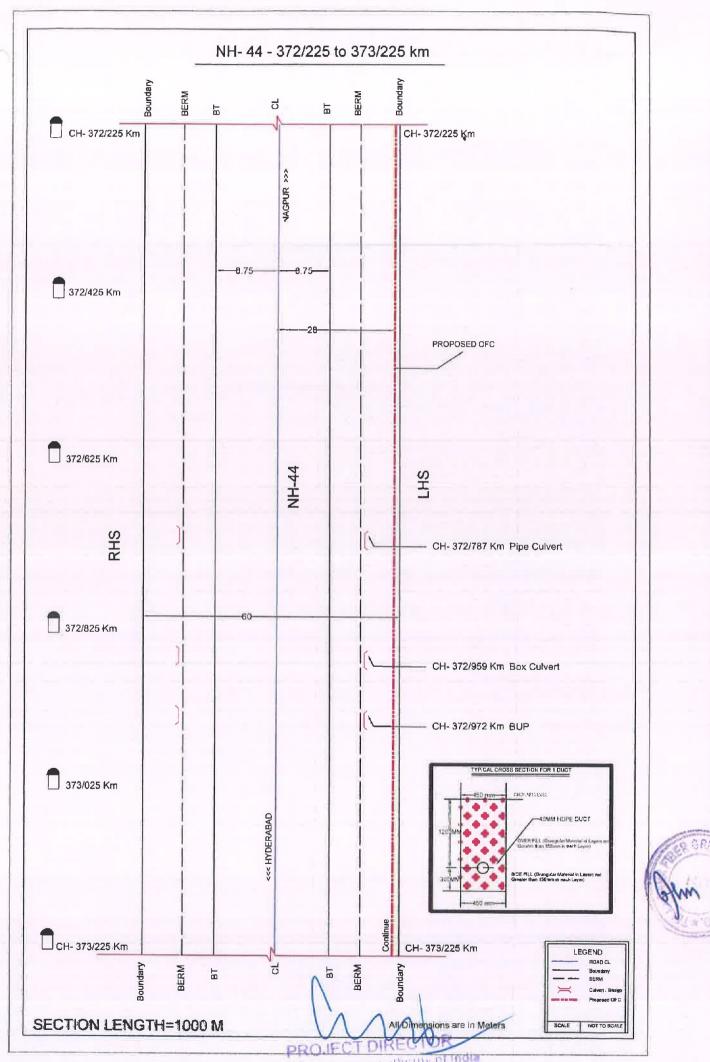




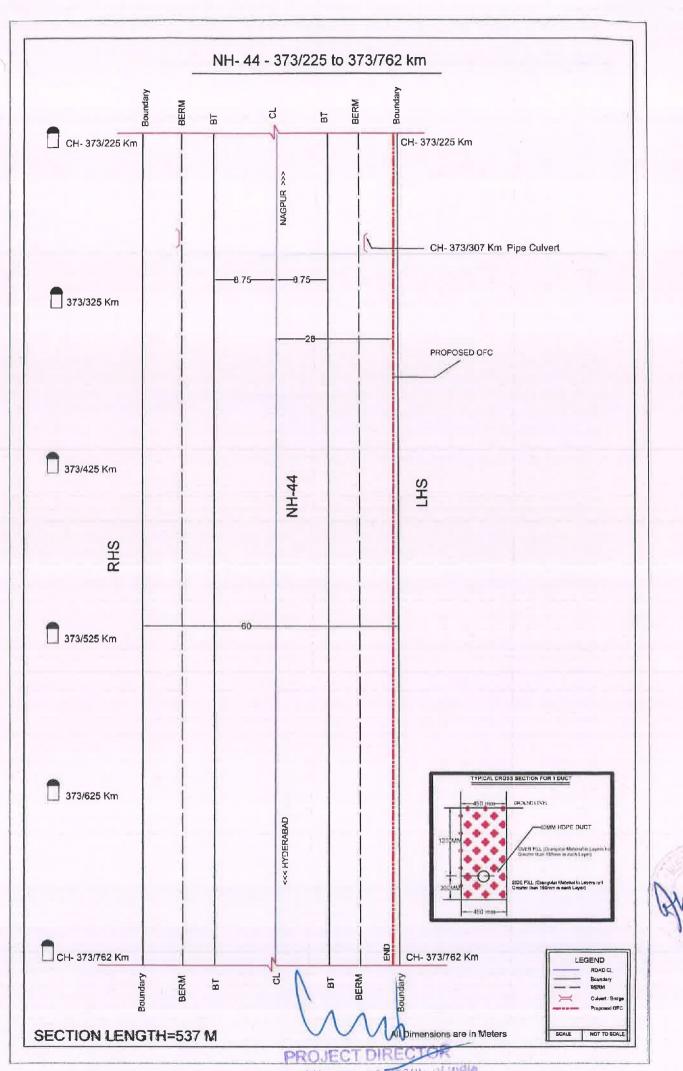


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