

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

- 1) Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.09.2000
- 2) 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.
- 3) Ministry's circular No. RW/NH-333044/27/2000-S&R (R) date 21.03.2016. It is regarding the modification of previous Ministry's circular enhancing the amount of Performance Bank Guarantee @ Rs. 100 per route meter 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	M/S Telangana Fiber Grid Corporation Limited. 7th Floor splendid Tower SP Road Begumpet. Hyderabad. Telangana- 500003	
1.2	National Highway Number	NHAI-44	
1.3	State	Telangana	
1.4	Location	Nirmal Arch CH-282/655 to Near Soan - Old Bridge- 289/863.	
1.5	(Chainage in km)	NH-44, From KM.282/655 to 286/860 & 286/863 to 288/980 - 282/960 to 283/100 & 288/980 to 289/863 On RHS. From KM	




PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.


		282/655 to 286/860 & 286/863 to 288/980, On LHS from Km 282/960 to 283/100 & 288/980 to 289/863 and across the road lengths of 0.240 KM. Total Section length at different locations for ROW applied KM 7.585 (i.e. 7585 Meters). NH-44 , Under the Jurisdiction of NHAI, Nirmal.	
1.6	Length in Meters	7585 Mtrs.	
1.7	Width of available ROW		
	(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	Yes, 29 Mtrs	
	(b) Right side from center line towards increasing chainage/km direction	Yes, 29 Mtrs	
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		
1.12	Number of lanes (2/4 / 6/8 lanes) existing		
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	4 Lane (4x6/8)	
1.14	Service road existing or not	Yes	
	If yes then which side		
	(a) Left side from center line	20 mtrs	




PROJECT DIRECTOR
 National Highways Authority of India
 PIU, NIRMAL

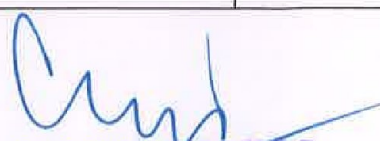
	(b) Right side from center line	20 mtrs	
1.15	Proposed Service Road	No	
	(a) Left side from center Line		
	(b) Right side from center line		
1.16	Whether proposal to lay cable is after the service road or between the service road and main carriageway	After the service road	
1.17	The permission for laying 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.	NA	
	(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.	At the edge of row within utility corridor of 2 Meters width	
	(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.		




PROJECT DIRECTOR
 National Highways Authority of India
 PIU, NIRMAL

1.18	No. of applicants on the same stretch		
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	
2.	Document/Drawings enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.65m deep x 0.5m wide) Should not be greater than 1.2m in width in multiple ducts.	Yes Standard Size	
2.2	Cross section showing the size of pit and location of cable for HDD method	Yes, Enclosed	
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 Enclosed	
2.4	Methodology for laying of OFC	Yes, Enclosed	
2.4.1	Open trenching method. If yes, Methodology of refilling of trench	Yes, Enclosed	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes, Enclosed	
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	Enclosed	
4.	Performance Bank Guarantee	Enclosed	
4.2	Confirmation of BG has been obtained 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	



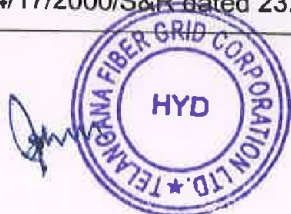

PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL

5.2	Renewal of Bank Guarantee	Extended if required	
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	
5.5	Shifting due to 4 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 favor of authorized signatory	Yes, enclosed	
7.	Copy of DOT license		
8.	Certificate from the Project Director		
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-33044/27/2000-S&R dated 21.3.2006.	Yes	
8.2	Certificate for 4-lanning from PD in the following format.	Yes	
	(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		



[Signature]
PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL

	certify that sufficient ROW is available at site for accommodating proposed six-laning".		
9.	The agreement fee of Rs. 1 shall be charged	Yes	
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. <i>"The permitted Highway on which Licensee has been granted the right to lay cable/duct has also ben 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 and Transfer Basis] and therefore, the licensee shall honour the same."</i>	NA	
11.	Who will supervise the work of laying OFC	M/s Telangana fiber Grid Corporation Limited (State Implementation Agency) BBNL Project for Government of Telangana	
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.	M/s Telangana fiber Grid Corporation Limited (State Implementation Agency) BBNL Project for Government of Telangana	
13.	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 (State Implementation Agency) BBNL Project for Government of Telangana	
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/33044/17/2000/S&R dated 23.7.2003.	Yes	



[Signature]
PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

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/33044/17/2000/S&R dated 23.7.2003) as referred in para 13 above is enclosed or not.	No	
-----	--	----	--




PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

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)

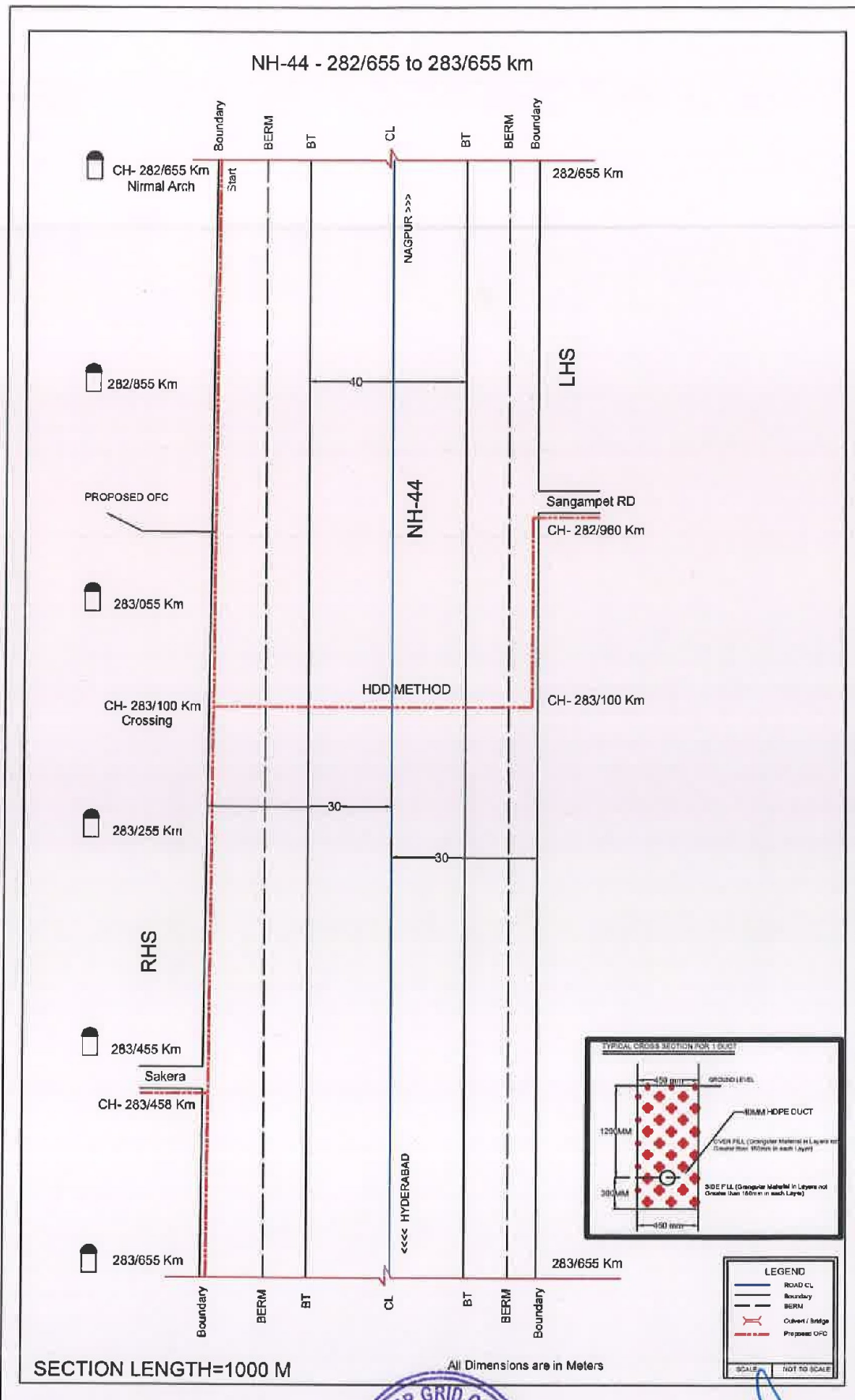
1. Name of State : Telangana
2. Name of Agency (NHAI) : NHAI
3. NHAI Number : NH-563

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	CH- 282/960 to 283/100 CH - 288/980 to 289/863 CH- 282/655 to 286/860 CH- 286/863 to 288/980 Road Crossing Crossing CH-283/100 Crossing CH-286/860 Crossing CH- 286/863 Crossing CH- 288/980	LHS RHS		Telangan a Fiber	Telangana Fiber Grid Corporation Ltd. 7 th Floor splendid Tower SP Road Begumpet, Hyderabad. Telangana- 500003				No	



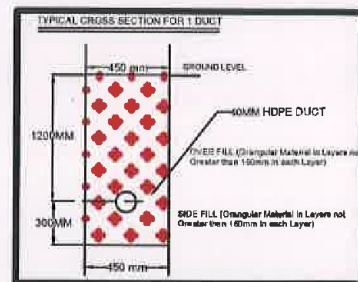
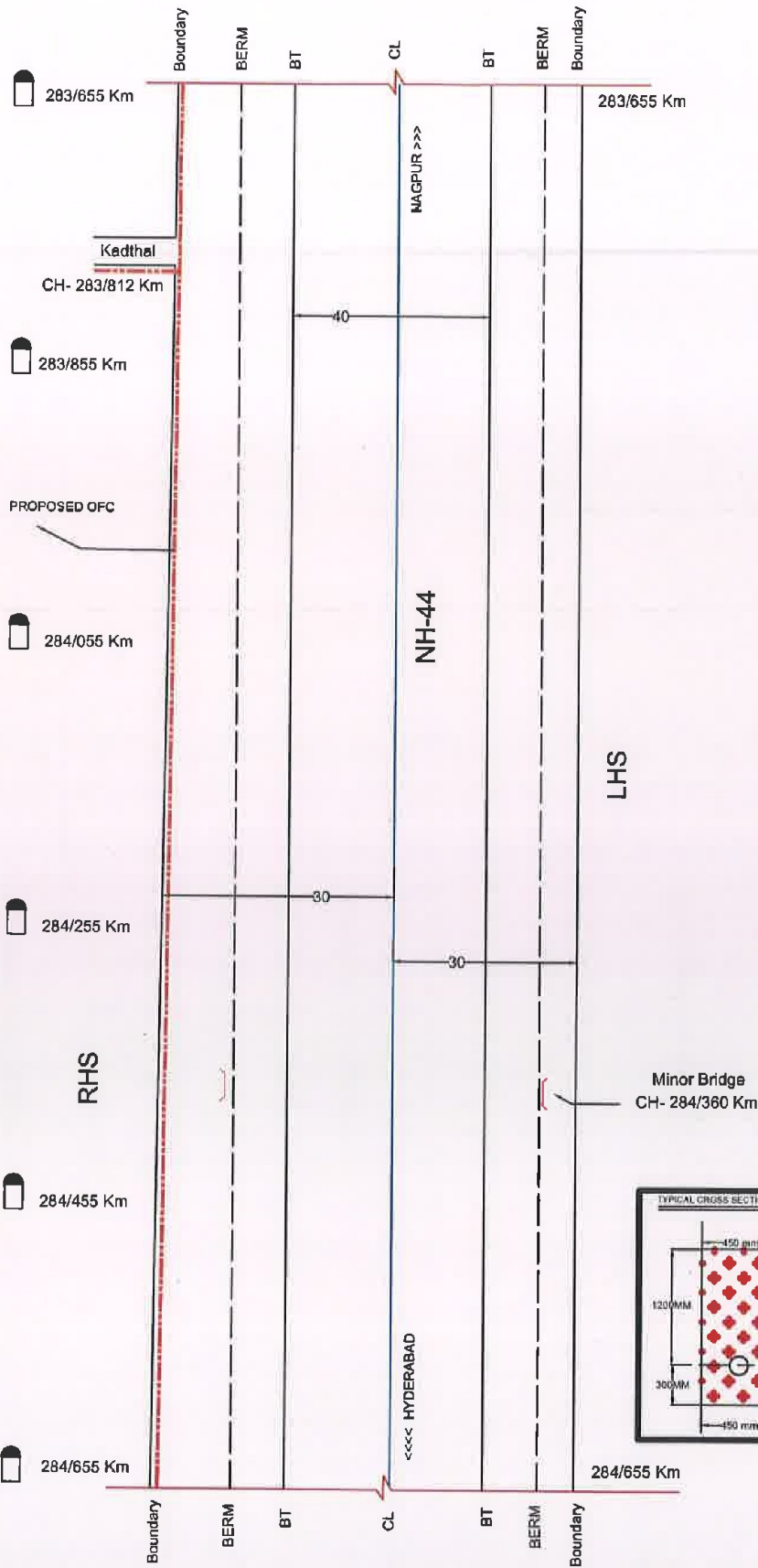
PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

NH-44 - 282/655 to 283/655 km



PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

NH-44 - 283/655 to 284/655 km

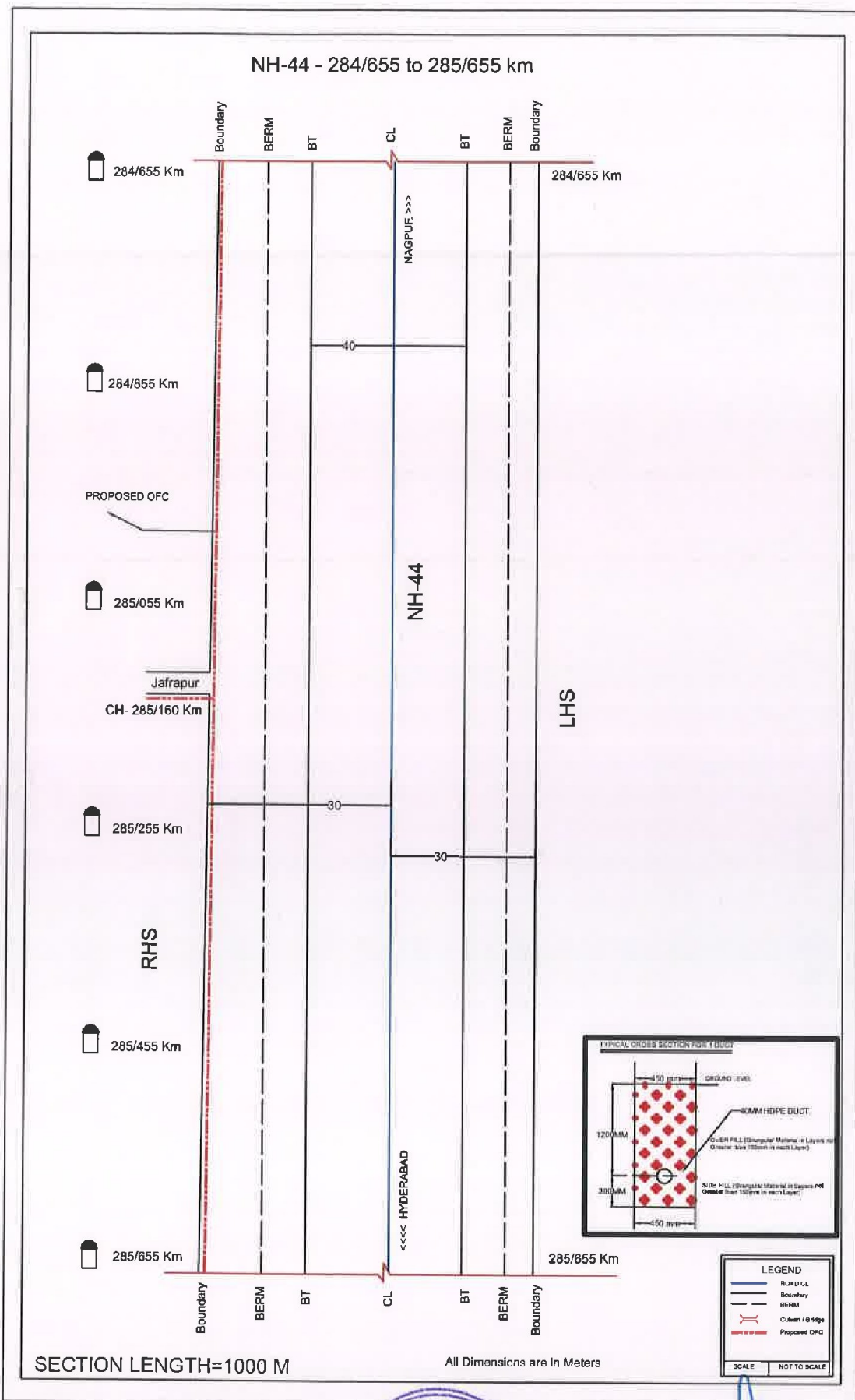


LEGEND	
—	ROAD CL
---	Boundary
---	BERM
---	Current / Bridge
---	Proposed OFC
SCALE	NOT TO SCALE



PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL

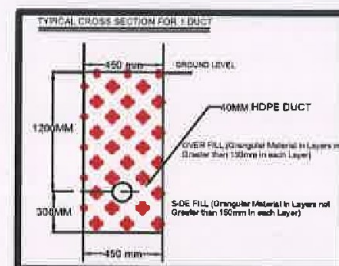
NH-44 - 284/655 to 285/655 km



PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

The diagram illustrates the cross-section of NH-44, a 1000m long section. It features a central carriageway with two 30m wide lanes in each direction, separated by a 4m median. The total width of the carriageway is 104m. On either side of the carriageway is a 3m wide shoulder, bringing the total width to 110m. The diagram also shows the location of the centerline (CL), boundary, and berm (BT). A typical cross-section for a 100mm HDPE duct is shown, with dimensions of 1200mm x 450mm. The duct is filled with 10mm HDPE material, and the surrounding area is filled with 50mm HDPE material. The diagram includes a legend for the symbols used: Road CL, Boundary, BT, Culvert / Bridge, and Proposed OFC. A scale bar indicates that the section length is 1000m.

All Dimensions are in Meters



LEGEND

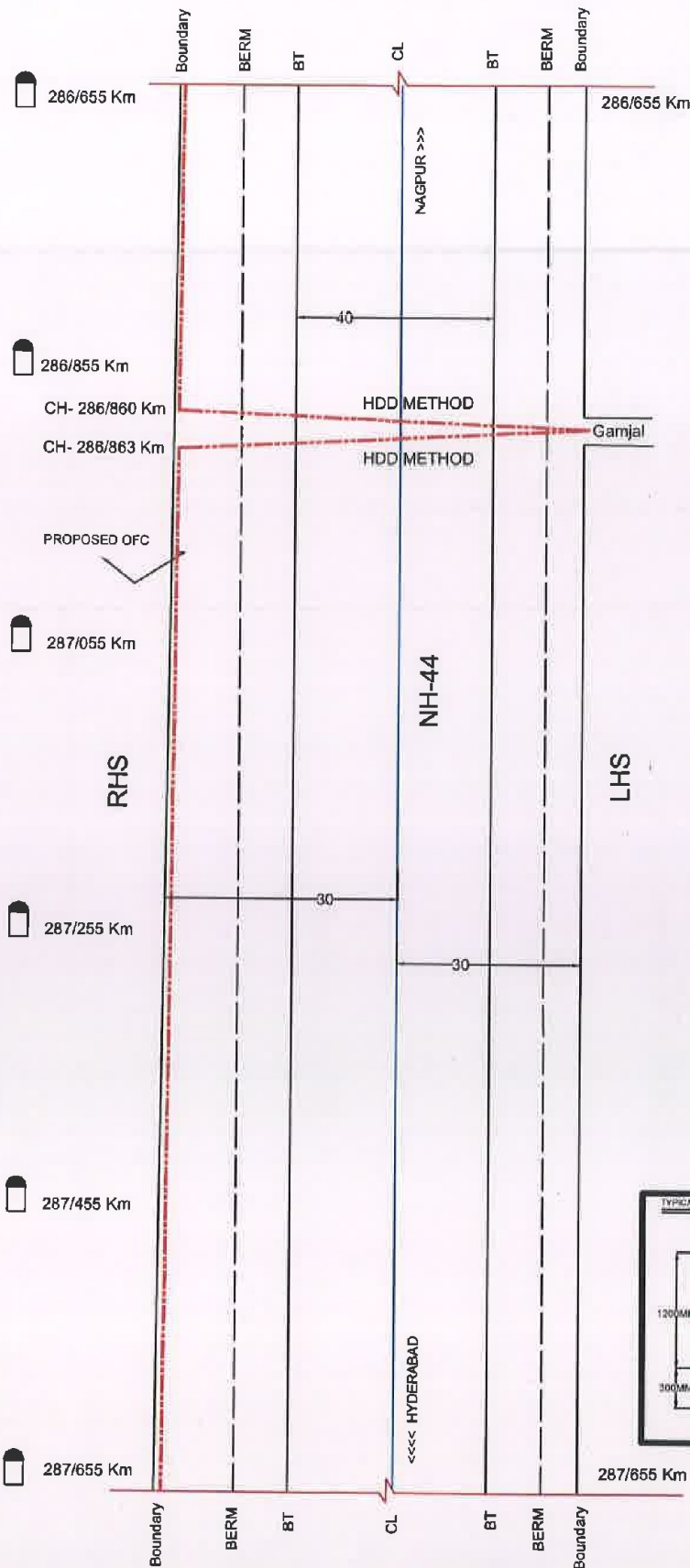
	ROAD CL
	Boundary
	BERM
	Culvert / Bridge
	Proposed OFC

SCALE	NOT TO SCALE
-------	--------------



PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

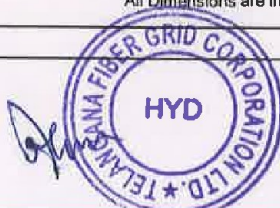
NH-44 - 286/655 to 287/655 km



SECTION LENGTH=1000 M

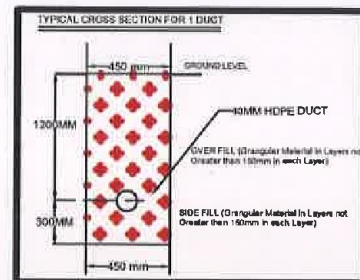
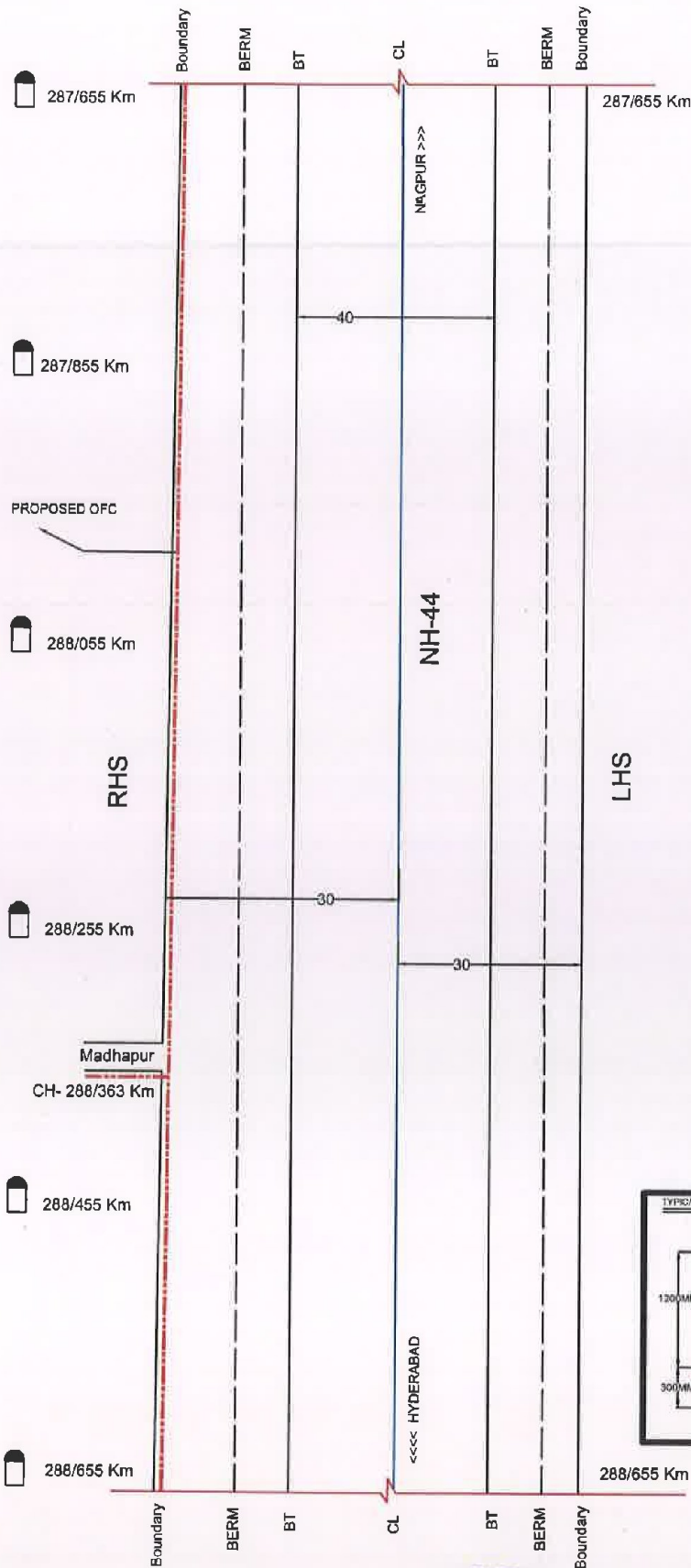
All Dimensions are in Meters

LEGEND	
	ROAD CL
	Boundary
	BERM
	Culvert / Bridge
	Proposed OFC
SCALE	NOT TO SCALE



PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

NH-44 - 287/655 to 288/655 km



LEGEND	
—	ROAD CL
---	Boundary
---	BERM
---	Culvert / Bridge
---	Proposed OFC
SCALE	NOT TO SCALE

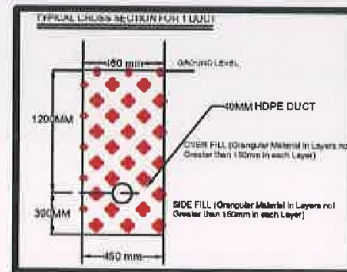
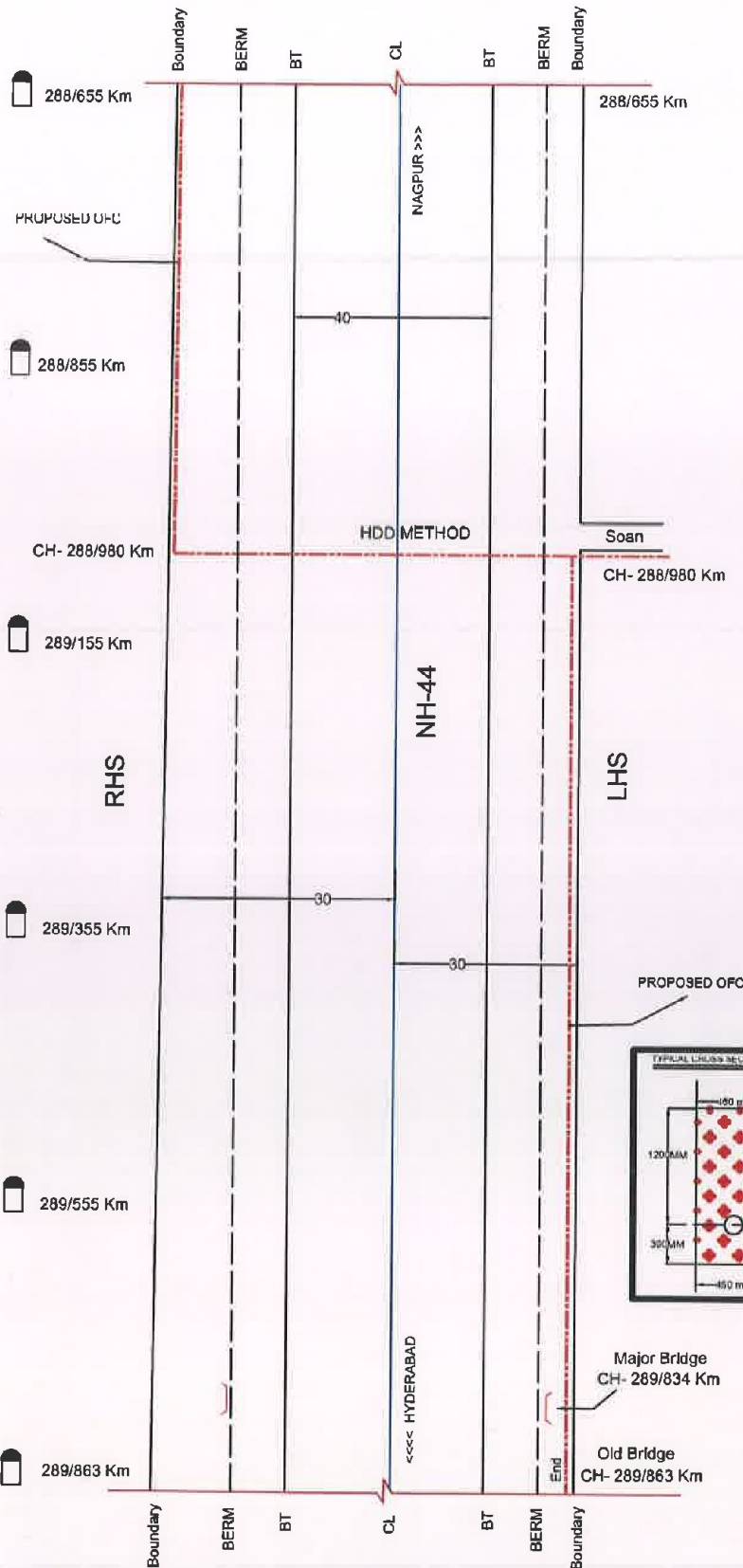
SECTION LENGTH=1000 M

All Dimensions are in Meters

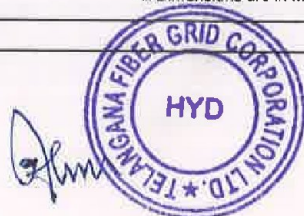


PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

NH-44 - 288/655 to 289/863 km



LEGEND	
	ROAD CL
	Boundary
	BERM
	Culvert / Bridge
	Proposed OFC
SCALE NOT TO SCALE	



PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय - हैदराबाद

प्रथम तल, नया भवन, भारतीय प्रशासनिक स्टाफ कॉलेज, कॉलेज पार्क कॉम्पस, रोड नंबर-3, बंजारा हिल्स, हैदराबाद-500 034. तेलंगाना

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.

टेली / Tele : 040 - 29562147 / 48

ई-मेल / E-mail : rohyderabad@nhai.org
nhairohyd@gmail.com



Notice Inviting Public Comments

NHAI/RO-HYD/25011/3/21/2021/Utility/2064

Dt.11.11.2021

Sub: NHAI - RO Hyderabad - PIU Nirmal-Proposal for laying of Optical Fiber Cable from Km.282+960 to Km.283+100 (LHS), from Km.288+980 to Km.289+863 (LHS), from Km.282+655 to Km.286+860 (RHS), from Km.286+863 to Km.288+980 (RHS), along NH-44 by Open trench Methodology and Highway crossings by HDD methodology at Km.283+100, Km.286+860, Km.286+863, Km.288+980, on Nagpur to Hyderabad section of NH-44 in the State of Telangana- Reg..

Ref: 1. PIU Nirmal Lr.no. NHAI/PIU-NRML/Utility/T-Fibre-OFC/2021/1334, dated 01.11.2021

The Project Director, PIU, NHAI, Nirmal vide letter cited above has recommended the Proposal submitted by M/s.Telangana Fiber Grid Corporation Limited for laying of Optical Fiber Cable in between Km.282+960 to Km. 289+863 on Nagpur to Hyderabad section of NH-44 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-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 from Km.282+960 to Km.283+100 (LHS), from Km.288+980 to Km.289+863 (LHS), from Km.282+655 to Km.286+860 (RHS), from Km.286+863 to Km.288+980 (RHS), along NH-44 by Open trench Methodology and Highway crossings by HDD methodology at Km.283+100, Km.286+860, Km.286+863, Km.288+980, 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)	