



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



NHAI/RO-HYD/25011/9/4/2022/Utility/3006

Dt.07.02.2022

#### Notice Inviting Public Comments

**Sub:** NHAI - RO Hyderabad - PIU Sangareddy-Proposal for laying of Optical Fiber Cable for a total length of 8.673 Km from Km.66+192 to Km.67+317 (RHS), from Km.70+690 to Km.71+576 (RHS), from Km.71+576 to Km.73+463 (LHS), & from Km.74+978 to Km.79+513 (LHS), along NH-161 by Open trench Methodology and Highway crossings by HDD methodology at Km. 68+828, Km. 71+576, Km.73+440 & Km.79+513 on Ramsanpalle to Mangloor section of NH-161 in the State of Telangana- Reg.

**Ref:** 1. PD, PIU Sangareddy Lr.no. NHAI/PIU-SR/SNA/T-Fiber/Pkg-II/2022/1184, dt:12.01.2022.

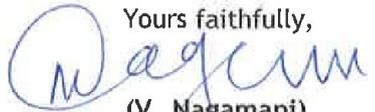
The Project Director, PIU, NHAI, Sangareddy vide letter cited above has recommended the Proposal submitted by M/s.Telangana Fiber Grid Corporation Limited for laying of Optical Fiber Cable in between Km.66+192 to Km.79+513 for a total length of 8.673 Km along the National Highway of NH-161 by Open trench Methodology, across the National Highway NH-161 by HDD methodology in Ramsanpalle to Mangloor section in the State of Telangana

2. As per above Ministry's guidelines Para 4, public comments are 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](http://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](mailto:rohyderabad@nhai.org), [nhairohyd@gmail.com](mailto:nhairohyd@gmail.com)

Encls: Above Proposal

Yours faithfully,  
  
(V. Nagamani)  
Dy. 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 Sangareddy: 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 Sangareddy-Proposal for laying of Optical Fiber Cable for a total length of 8.673 Km from Km.66+192 to Km.67+317 (RHS), from Km.70+690 to Km.71+576 (RHS), from Km.71+576 to Km.73+463 (LHS), & from Km.74+978 to Km.79+513 (LHS), along NH-161 by Open trench Methodology and Highway crossings by HDD methodology at Km. 68+828, Km. 71+576, Km.73+440 & Km.79+513 on Ramsanpalle to Mangloor section of NH-161 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)	

## Annexure -2

### CHECK-LIST

**Guidelines for processing the proposal for laying of utility line in the land across National Highways vested with NHAI/PWD BRO.**

**Ministry circular No-RW/NH 330044/29/2015/S&R(R) Dated 22/11/2016.**

Sr.No.	Item	Information/ Status	Remarks
	<b>General Information</b>	Telangana	
1	Name and Address of the Applicant / Agency	M/S Telangana Fiber Grid Corporation Limited. 7th Floor Splendid Tower SP Road Begumpet. Hyderabad. Telangana-500003	<b>Branch Office:</b>
2	National Highway Number	NH -161	
3	State	Telangana	
4	Location	laying underground OFC between chainage 66/190 to 79/513 In Narayankhed & Kalher (NH 161 HIGHWAY).	
5	(Chainage in km)	8.673	
6	Length in Meters	8673mtrs	
7	Width of available ROW in both side	30mtrs.	
8	Side of NH (left or right side of NH towards increasing change /KM/ direction)	<b>LHS:</b> 71/576 to 72/000, 72/000 to 73/463,74/978 to 77/895, 77/895 to 79/513  <b>RHS:</b> 66/190 to 67/317 & 70/690 to 71/576	
9	Name of Highways Authority of NHAI/PWD/BRO	NHAI	
10	Highway Administration Address	The Project Director, National Highways Authority of India, Project Implementation Unit D no 9-86, Vidyanagar Colony, Pothirreddypally, Sangareddy Hyderabad-502295	
11	Proposal to acquire land		



The Executive Engineer

*(Signature)*  
NHAI  
Hyderabad

NH-161, Narayankhed & Kalher from chainage 66/190 to 67/317 on RHS, 70/690 to 71/576 on RHS, 71/576 to 72/000 on LHS, 72/000 to 73/463 on LHS, 74/978 to 77/895 on LHS, 77/895 to 79/513 on LHS, length for ROW applied is 8.673km (i.e.8673mtrs) including Road crossings (HDD) at 68/828,71/576,73/440 & 79/513 under the Jurisdiction of NHAI in the

## Annexure -2

Sr.	Item	Measurement observation as per site condition	MORT&H Norms	Whether complying with MORT&H Norms
1	Details of already laid utility service in any	No	Enclosed	Complying
2	Whether up gradation of the stretch in near future is proposed or not	YES		N/A
	a. If yes provision of utility adversely affect the plan of up gradation	No	affect the plan of up gradation	N/A
3	Laying of the utility service along the National Highways	N/A		
3.1	Location of proposed utility service along the stretch	extreme edge of the ROW	Utility duct / beyond the toe line of the embankment and drains , enclose to the extreme edge of the ROW	
3.2	Depth of the utility service from Ground level	2m-3m	0.6m	Complying
3.3	Mechanism for crossing for OFC	HDD	Through utility duct (if provision exist) or beneath the bed of water channel. chainage:	N/A
3.4	Whether is ROW restricted in the stretch?	No		N/A
3.4.1	If yes whether provision of land acquisition is required to lay utility	N/A		N/A
	a. If yes whether undertaking for land acquisition along with relevant L.A detail has been furnished	N/A		N/A
3.4.2	With if concrete duct , in utility service are proposed to be laid in concrete ducts	N/A	Not less than one lane	N/A
4	Laying of utility Service across the NH			
4.1	Whether existing drainage structures is allow to carry the utility lines.	No	Not to be allowed	N/A

NH-161, Narayankhed & Kalher from chainage 66/190 to 67/317 on RHS, 70/690 to 71/576 on RHS, 71/576 to 72/000 on LHS, 72/000 to 73/463 on LHS, 74/978 to 77/895 on LHS, 77/895 to 79/513 on LHS, length for ROW applied is 8.673km (i.e.8673mtrs) including Road crossings (HDD) at 68/828, 71/576, 73/440 & 79/513 under the Jurisdiction of NHA in the



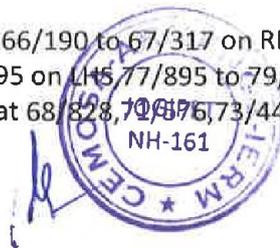
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## Annexure -2

4.2	Proposed crossing of utility service	NA	NA	NA
4.3	Type of casing pipe/conduit carrying the utility line	HDPE Duct	Steel, cast iron, or RCC and have adequate strength	Complying
4.4	Whether ends of the casing /conduit pipe are sealed from the outside	Sealed	Sealed	Complying
4.5	Length of crossing /conduit pipe crossing NH	NA	NA	NA
4.6	Depth of top of the casing /conduit pipe	2.0m-3.0m	At least 1.2m below the top of subgrade	Complying
4.7	Crossing method in case of CC pavement	HDD	(HDD) Chainage 68/828, 73/440 & 79/513	Complying
4.8	Horizontal and vertical clearances in case utilities are allowed overhead	N/A (Underground only)	In accordance with IRC codes.	N/A
5	Document/drawing enclosed with the proposal	Yes Enclosed		
5.1	Cross section showing in the site of trench for open trenching method	N/A	Enclosed, if applicable	Complying
5.	a. Trench width	Laying of OFC by HDD Method.	HDD Method Open trench Method	Complying
	b. Filling of trench	As per Ministry circular No-RW/NH 30044/29/2015/S&R(R) Dated 22/11/2016.	As per Ministry circular No-RW/NH 30044/29/2015/S&R(R) Dated 22/11/2016.	Complying
	c. Location of trench	Within 2.0m at the Extreme edge of the ROW	Extreme edge of the ROW	Complying
5.2	Cross section showing the size of pit and location of conduit for HDD method	Yes enclosed	Enclosed, if applicable	Complying

NH-161, Narayankhed & Kalher from chainage 66/190 to 67/317 on RHS, 70/690 to 71/576 on RHS, 71/576 to 72/000 on LHS, 72/000 to 73/440 on LHS, 74/978 to 77/895 on LHS, 77/895 to 79/513 on LHS, length for ROW applied is 8.673km (i.e.8673mtrs) including Road crossings (HDD) at 68/828, 73/440 & 79/513 under the Jurisdiction of NHA in the



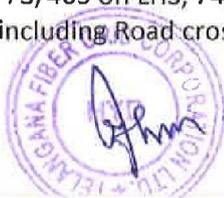
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*18/08/2016*

## Annexure -2

5.3	Strip plan / Route plan showing utility line, chainage , width of ROW , distance of proposed utility from the edge of ROW , important mile stone , intersection , cross drainage works etc.	Yes Enclosed	Enclosed	Complying
5.4	Plan and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility	Yes enclosed	Enclosed	Complying
6	Methodology for laying of utility line	Yes enclosed	Enclosed	Complying
7	Draft license agreement is as per Ministry circular No-RW/NH30044/29/2015/S&R (R) Dated 22/11/2016.and signed by two witness	Yes enclosed	Enclosed	Complying
8	License fee in favour of	Yes	As per Ministry circular No-RW/NH330044/29/2015/S&R(R) Dated 22/11/2016.	Complying
9	Whether bank guarantee has been obtained	Yes	As per Ministry circular No-RW/NH 30044/29/2015/S&R(R) Dated 22/11/2016.	
	a.If yes, whether confirmation of BG has been obtained as per MORT&H / NHAJ guidelines	Shall be obtained		
10.1	Undertaking for not to damage other existing utility, if damaged then to pay the losses to either to MORT&H / NHAJ to the cornered agency	Enclosed	Enclosed	Complying
10.2	Undertaking for renewal of bank guarantee and when asked by NHAJ/MORT&H	Enclosed	Enclosed	Complying
10.3	Undertaking for conforming all standard condition of MORT&H / NHAJ guidelines	Enclosed	Enclosed	Complying

NH-161, Narayankhed & Kalher from chainage 66/190 to 67/317 on RHS, 70/690 to 71/576 on RHS, 71/576 to 72/000 on LHS, 72/000 to 73/463 on LHS, 74/978 to 77/895 on LHS, 77/895 to 79/513 on LHS, length for ROW applied is 8.673km (i.e.8673mtrs) including Road crossings (HDD) at 68/828, 71/576, 73/440 & 79/513 under the Jurisdiction of NHAJ in the



by

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## Annexure -2

10.4	Undertaking for shifting of utility as and when asked by MORT&H /NHA I within a month at their own cost	Enclosed	Enclosed	Complying
10.5	Undertaking for indemnity against all damages and claim	Enclosed	Enclosed	Complying
10.6	Undertaking for management of traffic moment during laying of utility line without hampering the traffic.	Enclosed	Enclosed	Complying
10.7	Undertaking that if any claim is raised by the concessionaire/ contractor than the same has to be paid by the applicant	Enclosed	Enclosed	Complying
10.8	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as directorate of electricity, chief controller of explosive safety of directorate , state / central pollution control board and any other statutory clearances applicable before applying to Highway Administration	NA	NA	NA

The ROW of the National Highway available at the proposed location from the central line of divided carriageway is 31.05 m from central of ROW edge of ROW towards proposed utility in Rural section & 26.80 m from central of ROW edge of ROW towards proposed utility in Urban section.

The above particular along with the drawing and documents has been verified and certified as correct as per prevailing site conditions.

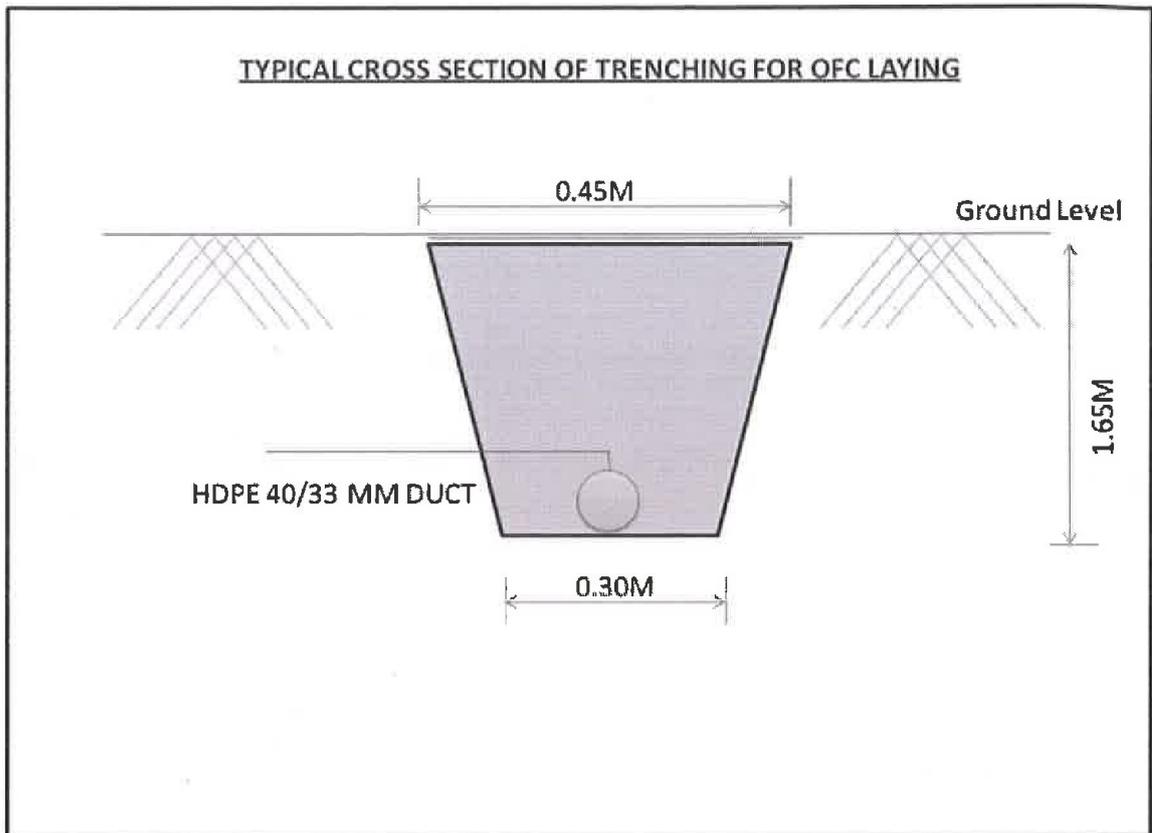
**M/S Telangana Fiber Grid Corporation Limited**

Name designations & Signature of the representative of applicant

Name designations & Signature of the Authorized concerned field authority of NHA I PWD/BRO

NH-161, Narayankhed & Kalher from chainage 66/190 to 67/317 on RHS, 70/690 to 71/576 on RHS, 71/576 to 72/000 on LHS, 72/000 to 73/463 on LHS, 74/978 to 77/895 on LHS, 77/895 to 79/513 on LHS, length for ROW applied is 8.673km (i.e.8673mtrs) including Road crossings (HDD) at 68/828, 71/576, 73/440 & 79/513 under the Jurisdiction of NHA I in the

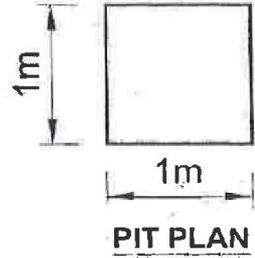
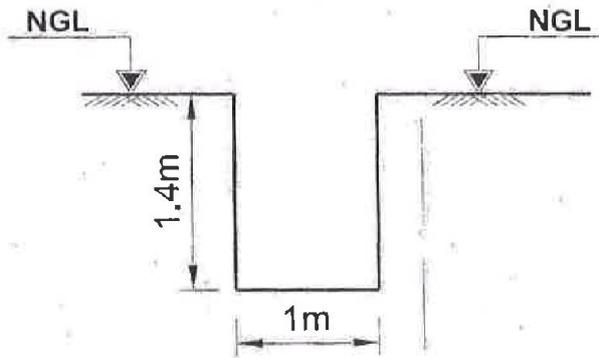
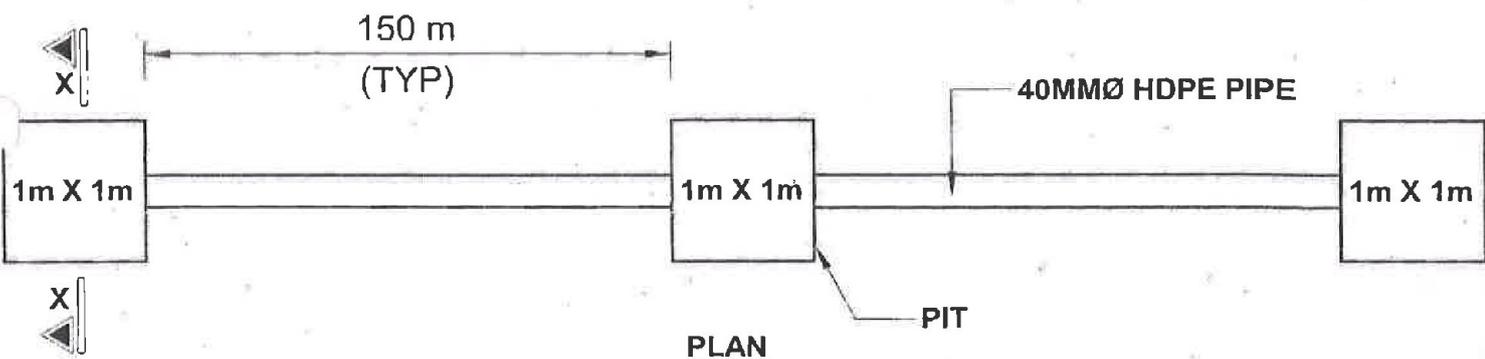
ANNEXURE NO-7



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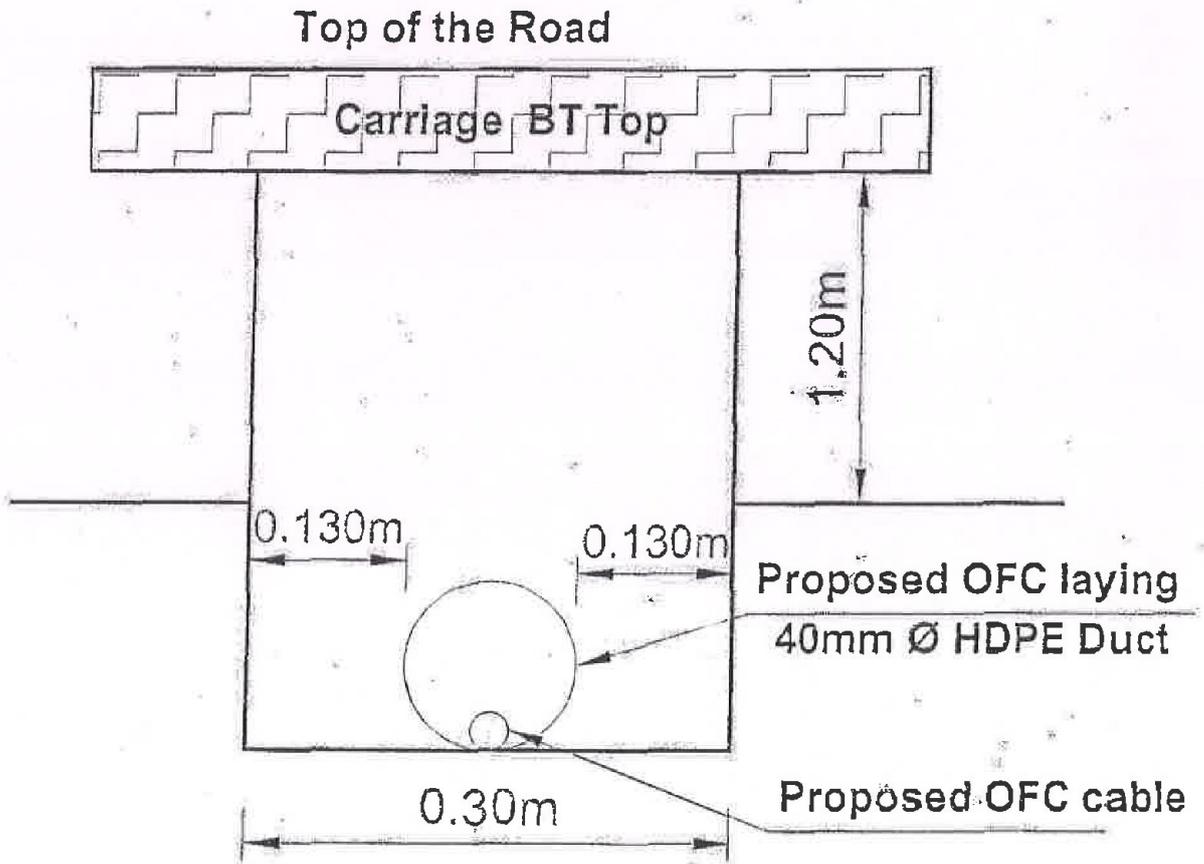
# CROSS SECTION HORIZONTAL DIRECTIONAL DRILLING (HDD)



8/2

MSB

# Proposed OFC to be laid across the NHA161



Cross section view

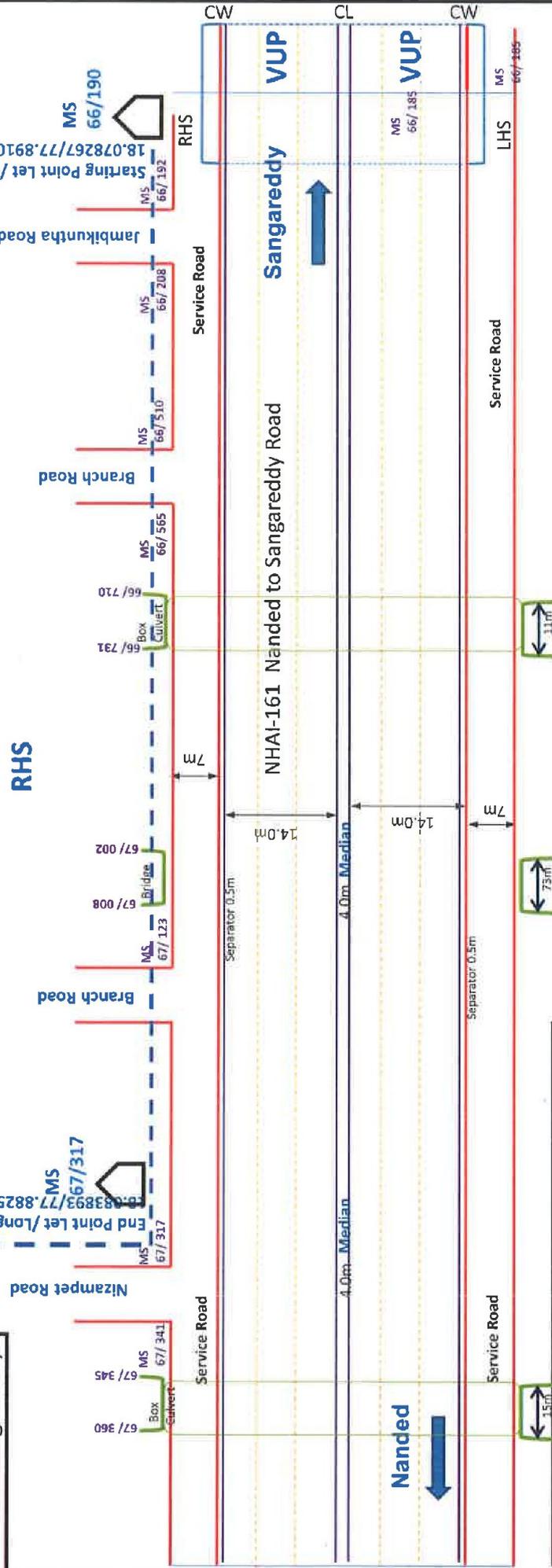


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Mandal- Narayankhed  
District- Sangareddy

1



**Road name :Nanded to Sangareddy  
NHAI-161**

**ROW Plan for Narayankhed**  
All Dimensions are in Meter

Legend	
Proposed OFC Path	---
Road Length	1125m ( RHS ) ( Road Crossing 0x60m ) =1.125km
Service Road	—
Main Road	—
Median	—



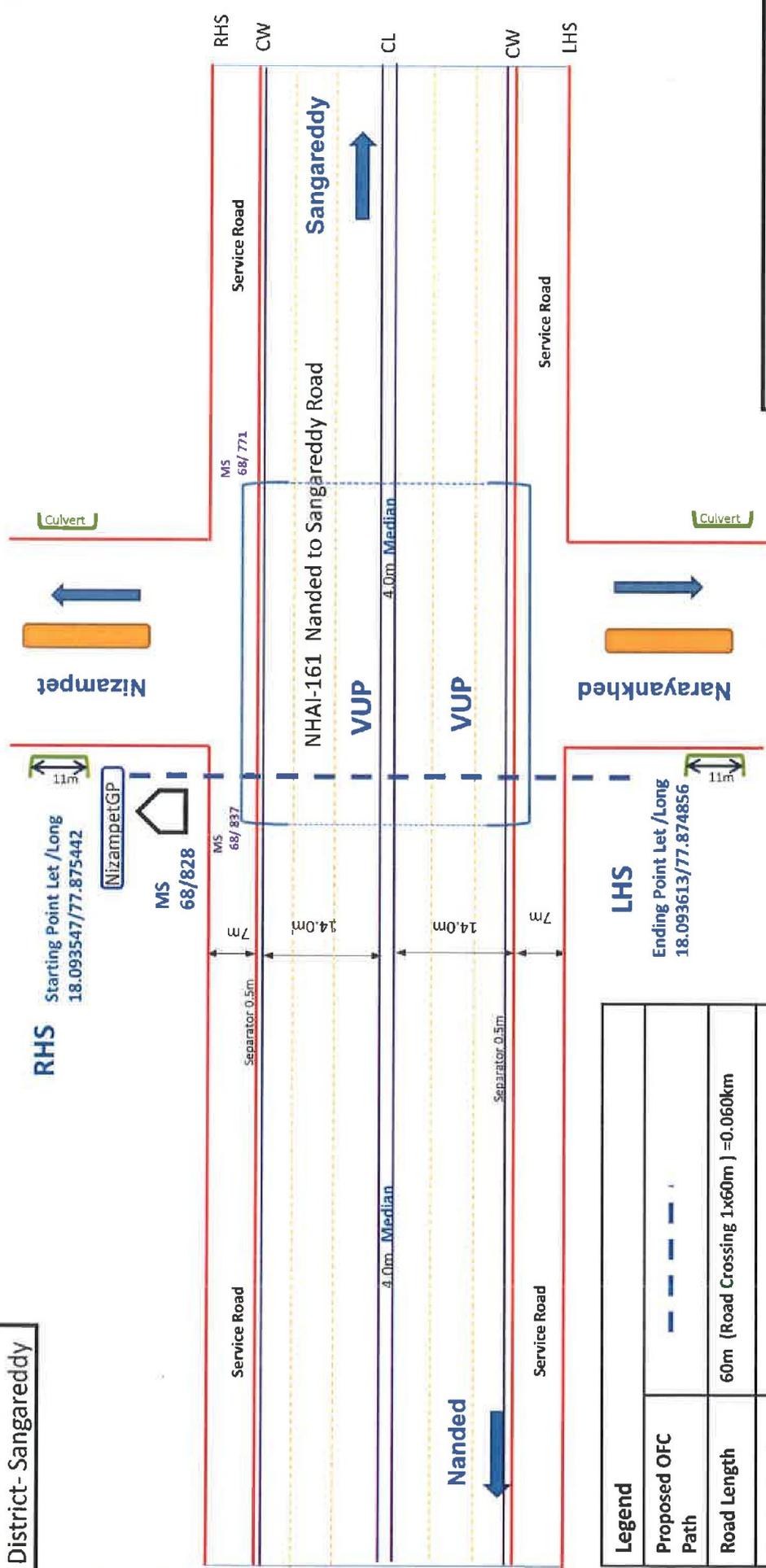
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Sensitivity: LNT Construction Internal Use

Mandal- Narayankhed  
District- Sangareddy

2



Road name :Nanded to Sangareddy  
NHA-161

ROW Plan for Narayankhed  
All Dimensions are in Meter

Legend	
Proposed OFC Path	---
Road Length	60m (Road Crossing 1x60m) =0.060km
Service Road	—
Main Road	—
Median	—

Sensitivity: Internal Use



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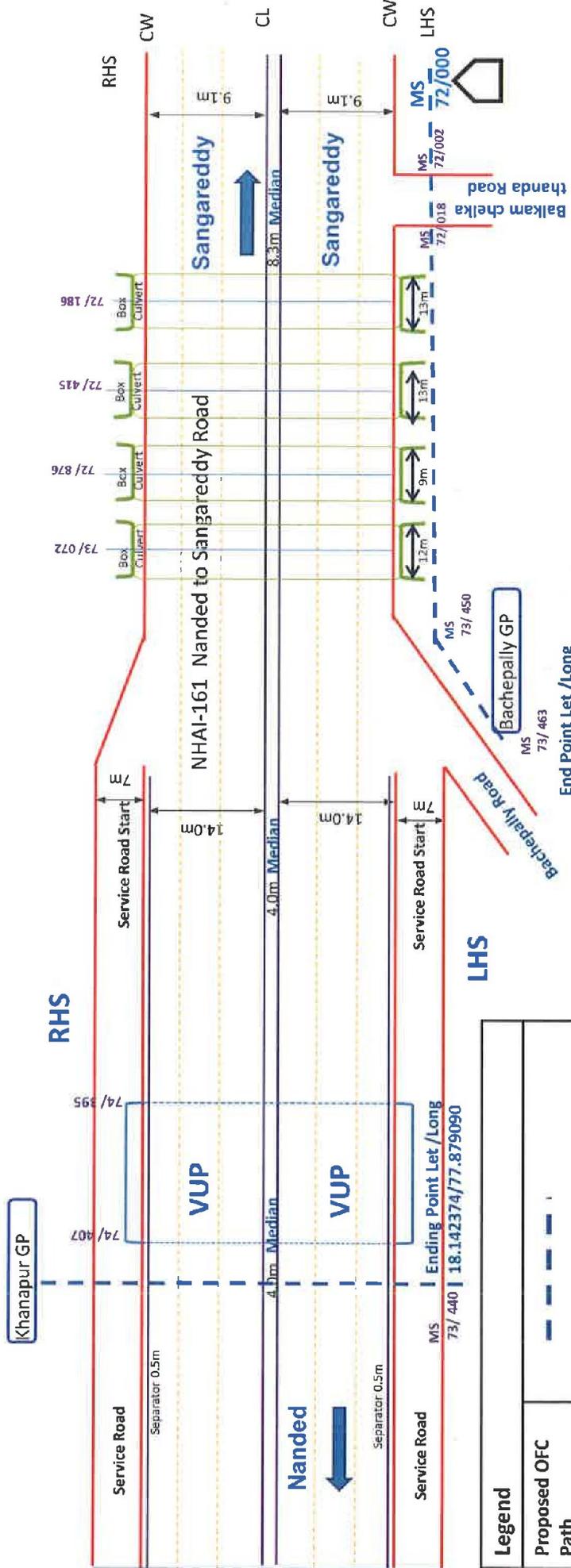
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Mandal- Kalher  
District- Sangareddy

Starting Point Let /Long  
18.142287/77.879542

4



Road name :Nanded to Sangareddy  
NHAI-161

ROW Plan for Kalher  
All Dimensions are in Meter

Legend	
Proposed OFC Path	---
Road Length	1463m ( LHS) (Road Crossing 1x60m ) =1.523km
Service Road	—
Main Road	—
Median	—

Sensitivity: LNT Computer Generated Use



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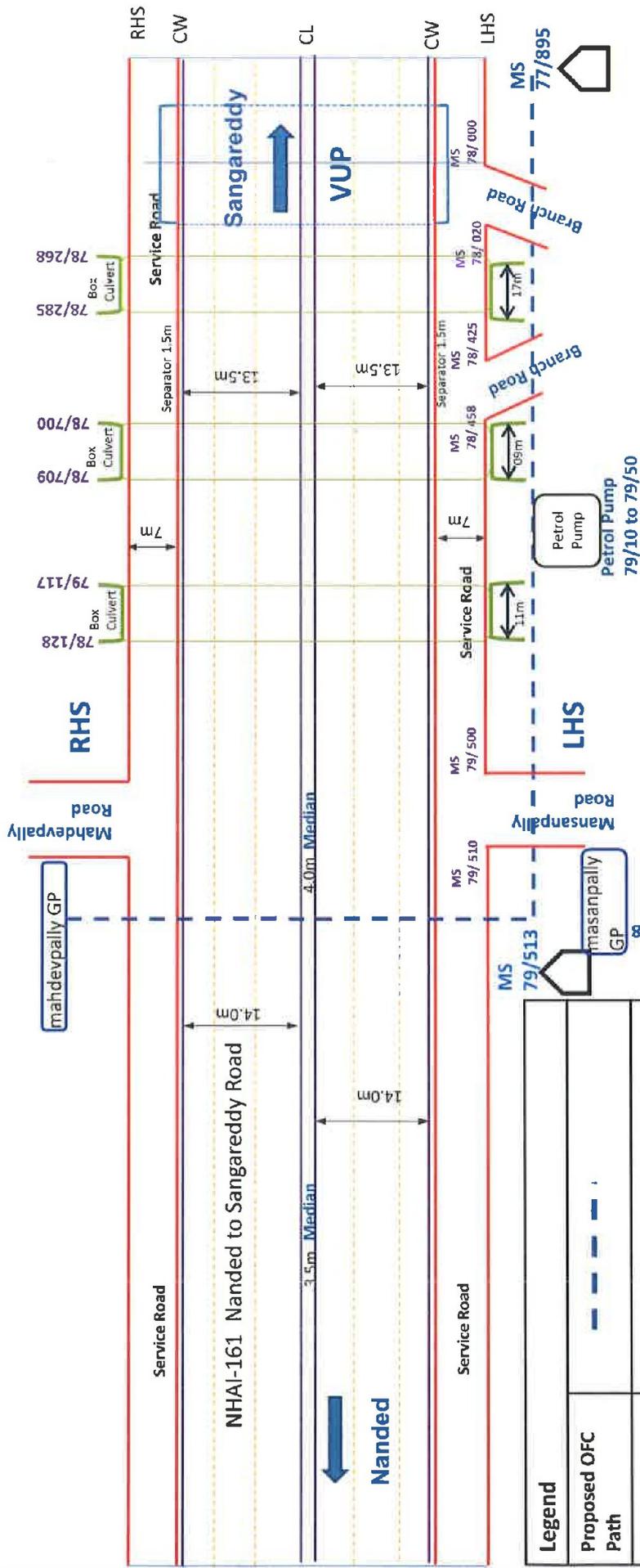
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Mandal- Kalher  
District- Sangareddy

Road crossing Ending  
Point Let /Long  
18.184560/77.883663

6



Legend	
Proposed OFC Path	---
Road Length	1618m ( LHS ) (Road Crossing 1x60m ) =1.678km
Service Road	---
Main Road	---
Median	---

Road crossing start  
Point Let /Long  
18.184454/77.883158

Road name :Nanded to Sangareddy  
NHAI-161

ROW Plan for Kalher  
All Dimensions are in Meter



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