



# 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/25011/9/3/2021/Utility/ 2585

Dt.29.12.2021

#### Notice Inviting Public Comments

**Sub:** NHAI - RO Hyderabad - PIU Sangareddy-Proposal for laying of Optical Fiber Cable for a total length of 34.142 Km from Km.5+632 to Km.8+520 (LHS), from Km.8+520 to Km.11+830 (LHS), from Km.11+820 to Km.12+590 (RHS), from Km.12+590 to Km.17+257 (RHS), from Km.12+590 to Km.12+618(LHS), from Km.15+000 to Km.15+119 (LHS), from Km. 17+060 to Km.18+400 (LHS), from Km.18+510 to Km.20+510 (LHS), from Km.21+080 to Km.22+880 (LHS), from Km.22+880 to Km.28+580 (LHS), from Km.28+580 to Km.29+930 (LHS & RHS), from Km.29+930 to Km.32+930 (RHS), from Km.32+930 to Km.38+030 (LHS), along NH-161 by Open trench Methodology and Highway crossings by HDD methodology at Km. 7+132, Km. 11+830, Km.12+590, Km.15+119, Km.17+257, Km.24+280, Km.28+580, Km.29+930, Km.38+030 & Km.39+900 on Kandi Lu Ramsanpalle section of NH-161 in the State of Telangana- Reg.

**Ref:** 1. PIU Sangareddy letter no. NHAI/PIU-SNA/NH-161/T-Fiber/Pkg-I/2021/1020, dt: 06.12.2021.

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.5+362 to Km.39+900 for a total length of 34.142 Km on Kandi to Ramsanpalle section of NH-161 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 34.142 Km from Km.5+632 to Km.8+520 (LHS), from Km.8+520 to Km.11+830 (LHS), from Km.11+820 to Km.12+590 (RHS), from Km.12+590 to Km.17+257 (RHS), from Km.12+590 to Km.12+618(LHS), from Km.15+000 to Km.15+119 (LHS), from Km. 17+060 to Km.18+400 (LHS), from Km.18+510 to Km.20+510 (LHS), from Km.21+080 to Km.22+880 (LHS), from Km.22+880 to Km.28+580 (LHS), from Km.28+580 to Km.29+930 (LHS & RHS), from Km.29+930 to Km.32+930 (RHS), from Km.32+930 to Km.38+030 (LHS), along NH-161 by Open trench Methodology and Highway crossings by HDD methodology at Km. 7+132, Km. 11+830, Km.12+590, Km.15+119, Km.17+257, Km.24+280, Km.28+580, Km.29+930, Km.38+030 & Km.39+900 on Kandi to Ramsanpalle 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.**

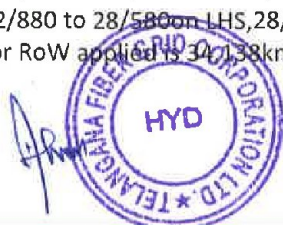
**Ministry circular No-RW/NH 330044/29/2015/S&R(R) Dated 22/11/2016.**

| 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                                                                                                                                                               | Branch Office: |
| 2      | National Highway Number                                                          | NH -161                                                                                                                                                                                                                                                                            |                |
| 3      | State                                                                            | Telangana                                                                                                                                                                                                                                                                          |                |
| 4      | Location                                                                         | laying underground OFC between chainage 5/632 to 39/900 In Sangareddy, Pulkal & andole (NH 161 HIGHWAY).                                                                                                                                                                           |                |
| 5      | (Chainage in km)                                                                 | 34.138                                                                                                                                                                                                                                                                             |                |
| 6      | Length in Meters                                                                 | 34138mtrs                                                                                                                                                                                                                                                                          |                |
| 7      | Width of available ROW in both side                                              | 30mtrs. / <del>60 mtrs</del>                                                                                                                                                                                                                                                       |                |
| 8      | Side of NH (left or right side of NH towards increasing chainage /KM/ direction) | <b>LHS:</b> 5/632 to 8/520, 8/520 to 11/830, 12/590 to 12/618, 15/000 to 15/119, 17/060 to 18/400, 18/510 to 20/510, 21/080 to 22/880, 22/880 to 28/580, 28/580 to 29/930.<br><b>RHS:</b> 11/820 to 12/590, 12/590 to 17/257, 28/580 to 29/930, 29/930 to 32/930, 32/930 to 38/030 |                |
| 9      | Name of Highways Authority of NHAI/PWD/BRO                                       | NHAI                                                                                                                                                                                                                                                                               |                |
| 10     | Highway Administration Address                                                   | The Project Director,<br>National Highways Authority of India,<br>Project Implementation Unit<br>D no 9-86, Vidyanagar Colony,<br>Pothirreddypally, Sangareddy<br>Hyderabad-502295                                                                                                 |                |
| 11     | Proposal to acquire land                                                         |                                                                                                                                                                                                                                                                                    |                |

The Executive Engineer

NHAI  
Hyderabad

NHAI 161 Sangareddy, Pulkal & andole mandal from chainage 5/632 to 8/520 on LHS, 8/520 to 11/830 on LHS, 11/820 to 12/590 on RHS, 12/590 to 17/257 on RHS, 12/590 to 12/618 on LHS, 15/000 to 15/119 on LHS, 17/060 to 18/400 on LHS, 18/510 to 20/510 on LHS, 21/080 to 22/880 on LHS, 22/880 to 28/580 on LHS, 28/580 to 29/930 on (LHS & RHS), 29/930 to 32/930 on RHS, 32/930 to 38/030 on RHS section Length for RoW applied is 34.138km (i.e 2948m + 14390m+16800m= 34138m) Including Road crossings



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## 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.<br>chainage:63/790,68/000,71/600,71/600, 85/855, 98/910,101/165,106/600. | 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                                                              |                                               |                                                                                                                                                         |                                     |

NHAI 161 Sangareddy, Pulkal & andole mandal from chainage 5/632 to 8/520 on LHS, 8/520 to 11/830 on LHS, 11/820 to 12/590 on RHS, 12/590 to 17/257 on RHS, 12/590 to 12/618 on LHS, 15/000 to 15/119 on LHS, 17/060 to 18/400 on LHS, 18/510 to 20/510 on LHS, 21/080 to 22/880 on LHS, 22/880 to 28/580 on LHS, 28/580 to 29/930 on (LHS & RHS), 29/930 to 32/930 on RHS, 32/930 to 38/030 on RHS section Length for RoW applied is 34.138km (i.e 2948m + 14390m + 16800m = 34138m) Including Road crossings



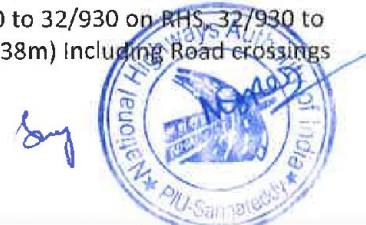
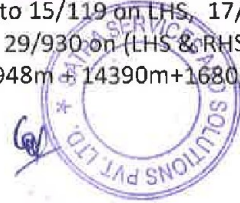
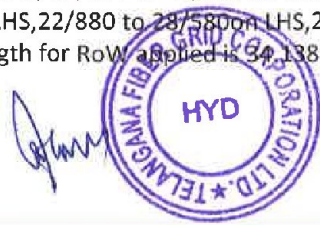
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## Annexure -2

|     |                                                                              |                                                                           |                                                                                               |           |
|-----|------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------|
| 4.1 | Whether existing drainage structures is allow to carry the utility lines.    | No                                                                        | Not to be allowed                                                                             | N/A       |
| 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 7/132, 11/830, 12/590, 15/119, 17/257, 24/280, 28/580, 29/930, 38/030 & 39/900 | Complying |
| 4.8 | Horizontal and vertical clearances in case utilities are allowed overhead    | N/A<br>(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<br>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 |

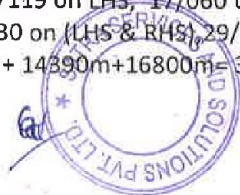
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## Annexure -2

|      |                                                                                                                                                                                              |                   |                                                                          |           |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------|-----------|
| 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/NH30044/29/2015/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 / NHAI 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 / NHAI to the cornered agency                                                   | Enclosed          | Enclosed                                                                 | Complying |
| 10.2 | Undertaking for renewal of bank guarantee and when asked by NHAI/MORT&H                                                                                                                      | Enclosed          | Enclosed                                                                 | Complying |
| 10.3 | Undertaking for conforming all standard condition of MORT&H / NHAI guidelines                                                                                                                | Enclosed          | Enclosed                                                                 | Complying |

NHAI 161 Sangareddy, Pulkal & andole mandal from chainage 5/632 to 8/520 on LHS, 8/520 to 11/830 on LHS, 11/820 to 12/590 on RHS, 12/590 to 17/257 on RHS, 12/590 to 12/618 on LHS, 15/000 to 15/119 on LHS, 17/060 to 18/400 on LHS, 18/510 to 20/510 or LHS, 21/080 to 22/880 on LHS, 22/880 to 28/580 on LHS, 28/580 to 29/930 on (LHS & RHS), 29/930 to 32/930 on RHS, 32/930 to 38/030 on RHS section Length for RoW applied is 34.138km (i.e 2948m + 14390m+16800m= 34138m) Including Road crossings



## Annexure -2

|      |                                                                                                                                                                                                                                                                                                                                     |          |          |           |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|-----------|
| 10.4 | Undertaking for shifting of utility as and when asked by MORT&H /NHAI 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

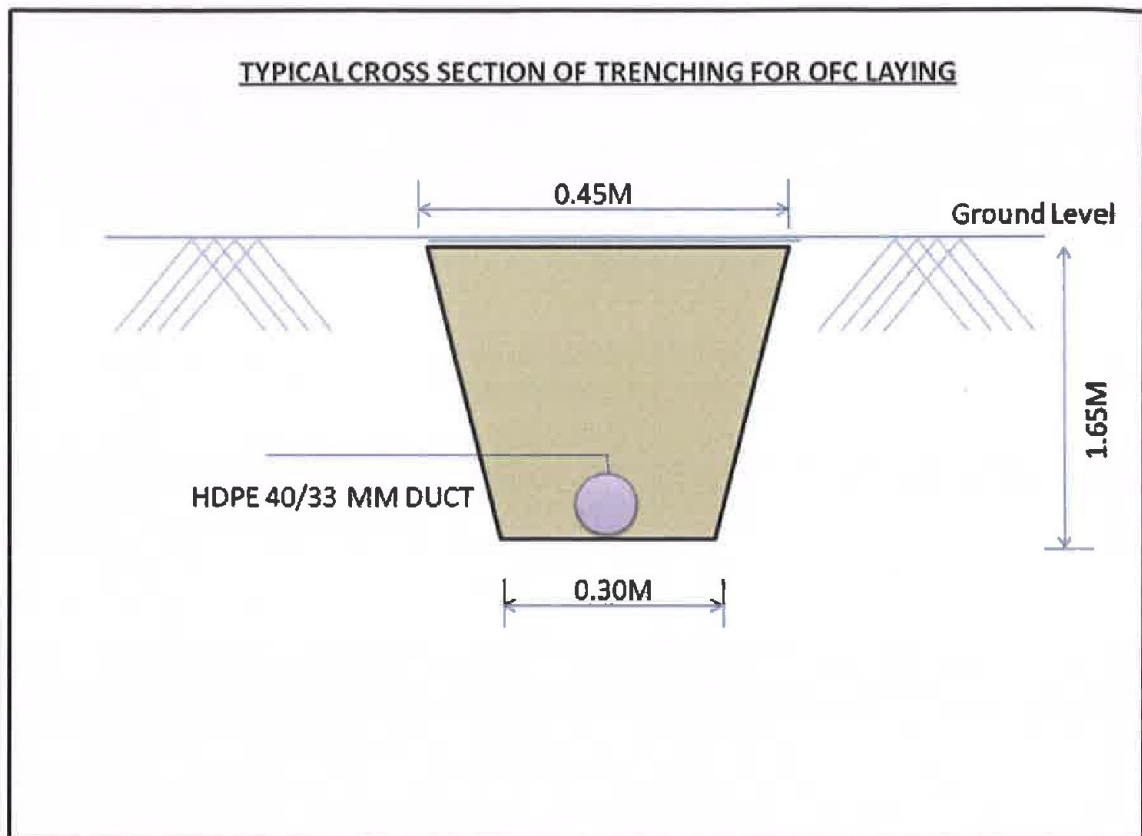
**M/S Telangana Fiber Grid Corporation Limited**

Name designations & Signature of the representative of applicant

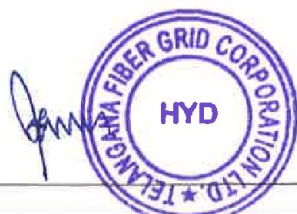
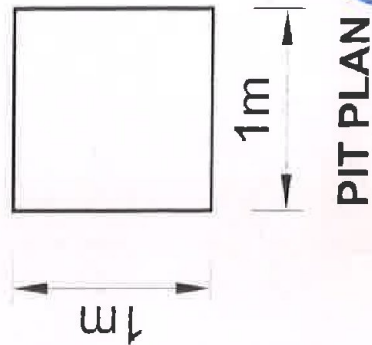
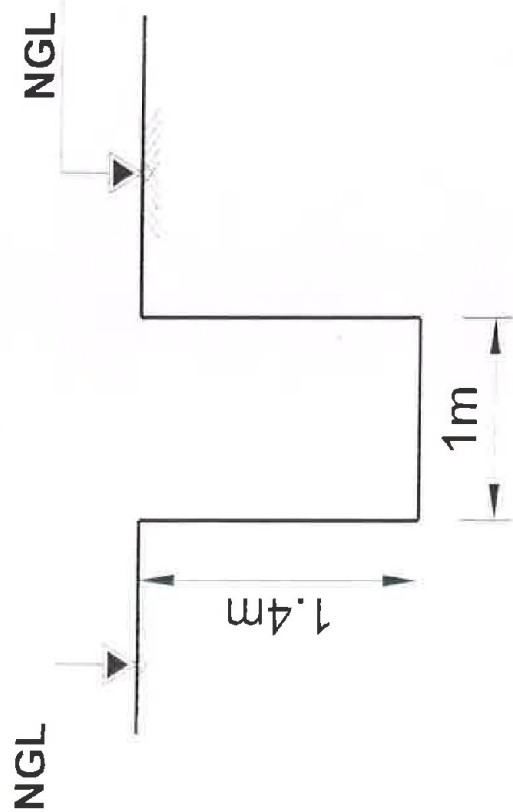
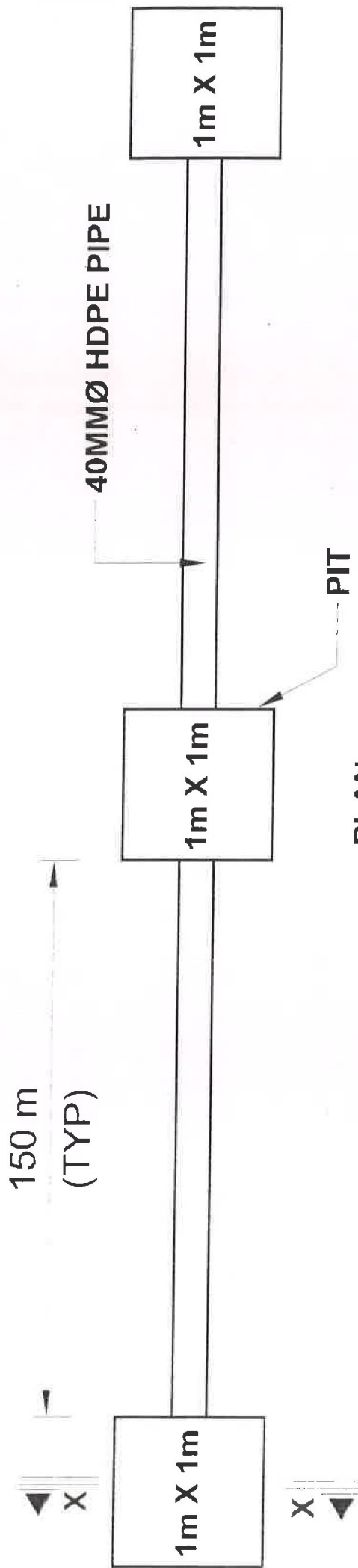
Name designations & Signature of the Authorized concerned field authority of NHAI PWD/BRO

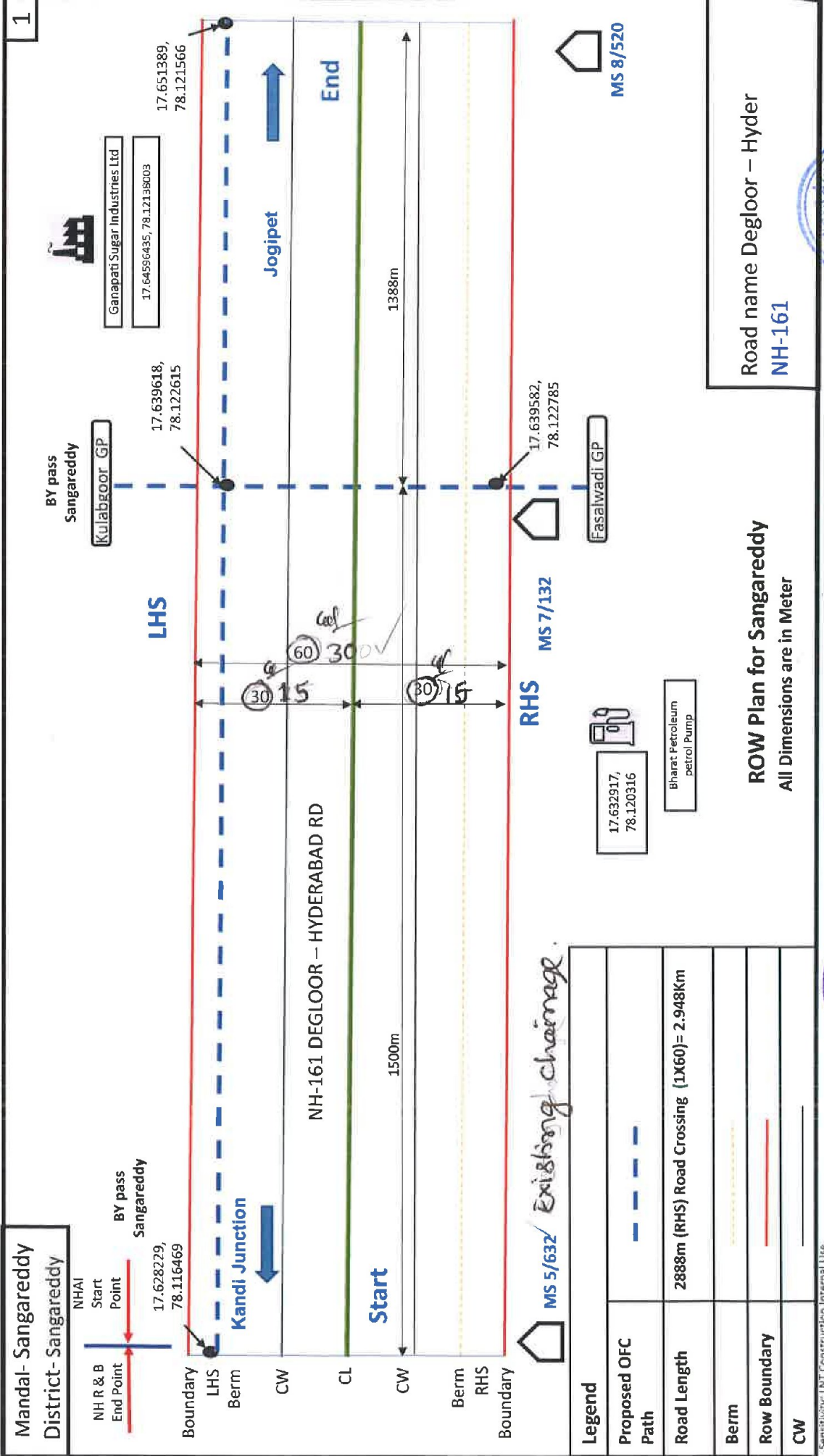
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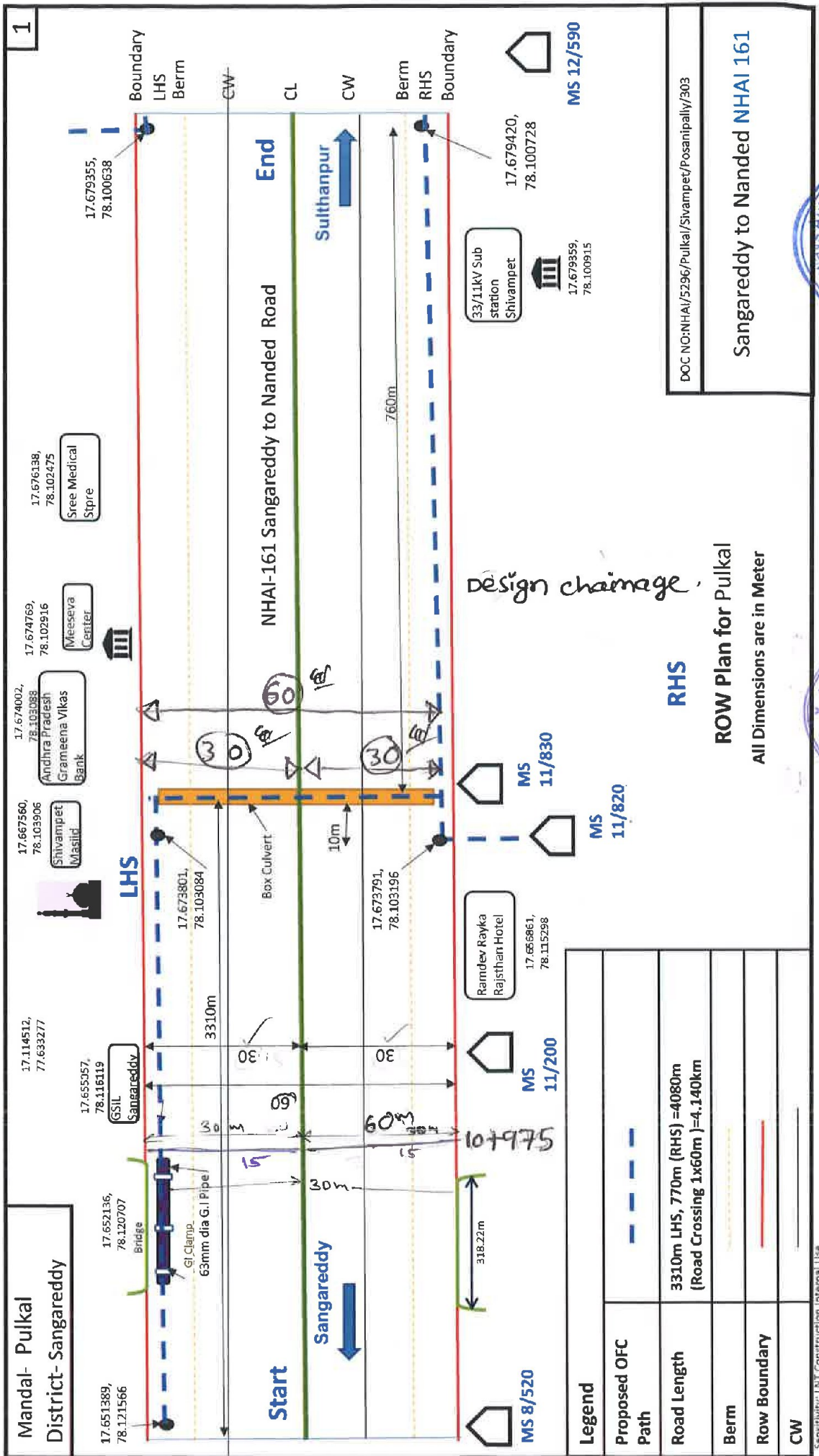
**ANNEXURE NO-7**



# CROSS SECTION HORIZONTAL DIRECTIONAL DRILLING (HDD)





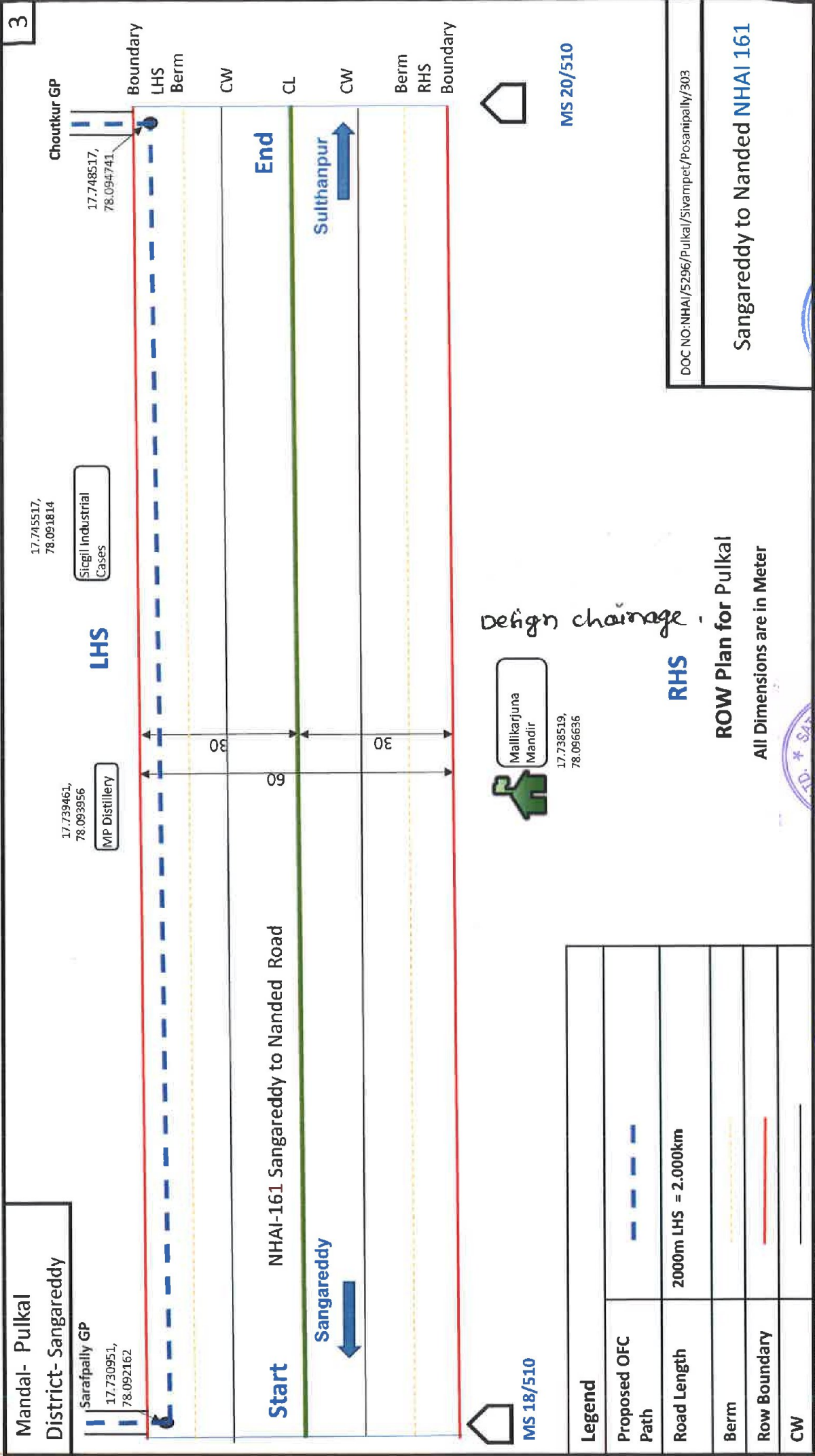


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Sensitivity: LNT Construction Internal Use





| Legend            |                     |
|-------------------|---------------------|
| Proposed OFC Path | ---                 |
| Road Length       | 2000m LHS = 2.000km |
| Berm              | ---                 |
| Row Boundary      | ---                 |
| CW                | ---                 |

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

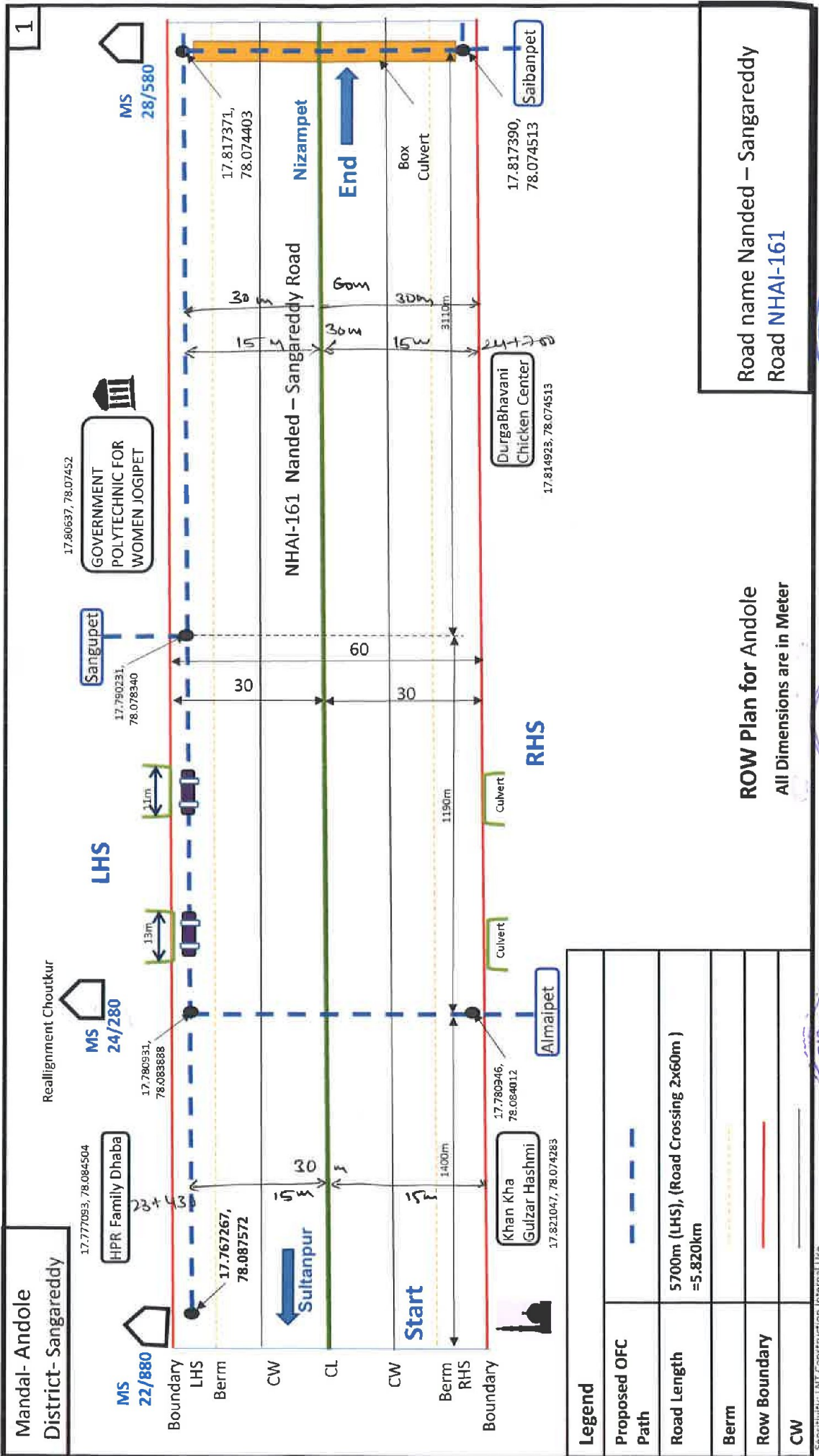
**RHS**

Design chainage



Sensitivity: LNT Construction Internal Use

5



Road name Nanded – Sangareddy  
Road NHAI-161

ROW Plan for Andole  
All Dimensions are in Meter



Signature



