



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.

Notice Inviting Public Comments

टेली / Tele : 040 - 29562147 / 48

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



भारतमाला
भारत के राजमार्गों का विकास
BHARATMALA
ROAD TO PROSPERITY

NHAI/RO-HYD/25011/1/25/2021/Utility/1480

Dt. 17.09.2021

Sub: NHAI - RO Hyderabad - PIU Hyderabad- Proposal for Permission for laying of OFC for T- Fiber along National Highway from Km.63/520 to Km.64/290(RHS), Km.67/600 to Km.68/020(RHS), Km.71/800 to Km. 77/100(LHS), Km.77/100 to Km.77/700(LHS), Km.82/200 to Km.87/100(RHS), Km.92/480 to Km. 100/450(RHS), Km.101/860 to Km.108/710(RHS) & Km.108/710 to Km.108/800(LHS) through Open Trench Laying and HDD crossing at Km.63/850, Km.68/020, Km.71/800(2 no), Km.85/035, Km.98/200 & Km.108/710 for a total length of 27.11 Km on Hyderabad -Srisailam section of NH-765 in the State of Telangana - Reg.

Ref: 1. PD, PIU Hyd letter no. NHAI/PIU-HYD/NH-765/T- Fiber/2021/1104, Dt 07.08.2021

The Project Director, PIU, NHAI, Hyderabad vide letter cited above, has submitted a Proposal, requesting permission for laying of OFC for T- Fiber along National Highway and across National Highway between Km. 63/520 to Km. 108/800 for a length of 27.11 Km on Hyderabad -Srisailam section of NH-765 in the State of Telangana

2. The proposal has been examined as per Ministry's Guidelines vide letter no.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.

3. In view of above, 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) 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,

(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:-The Project Director, NHAI, PIU Hyderabad: 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 Hyderabad- Proposal for Permission for laying of OFC for T- Fiber along National Highway from Km.63/520 to Km.64/290(RHS) ,Km.67/600 to Km.68/020(RHS),Km.71/800 to Km. 77/100(LHS),Km.77/100 to Km.77/700(LHS), Km.82/200 to Km.87/100(RHS), Km.92/480 to Km. 100/450(RHS), Km.101/860 to Km.108/710(RHS) & Km.108/710 to Km.108/800(LHS) through Open Trench Laying and HDD crossing at Km.63/850,Km.68/020,Km.71/800(2 no),Km.85/035,Km.98/200 & Km.108/710 for a total length of 27.11 Km on Hyderabad -Srisailam section of NH-765 in the State of Telangana - - **Reg.**

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

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

Check List

Name of the Work: Laying underground OFC Telangana Fiber Grid Corporation Limited Project Telangana Fiber (A BBNL Project) for Government of Telangana

S.No.	Item	Information/status	Remarks
1	General Information	Permission for laying of OFC across NH-765 at Veldanda, Kalwakurthy, Vangoor from chainage 63/520 to 64/290 on RHS, 67/600 to 68/020 on RHS, 71/800 to 77/100 on LHS, 77/100 to 77/700 on LHS, 82/200 to 87/100 on LHS, 92/480 to 100/450 on RHS, 100/415 to 100/450 on LHS, 101/860 to 108/710 on RHS, 108/710 to 109/200 on LHS, length for ROW applied is 27.815km (i.e. 27815mtrs) including Road crossings (HDD) at 63/850, 68/020, 71/800, 85/035, 98/200, 100/450 & 108/710 under the Jurisdiction of NHA in the state of Telangana.	
1.1	Name and Address of the Applicant/Agency	M/S Telangana Fiber Grid Corporation Limited	
1.2	National Highway Number	NH-765	
1.3	State	Telangana	
1.4	Location	NH 765 Srisailem Highway	8 road crossings
1.5	(Chainage in Km)	Along NH 765, 63/520 to 109/200 Road crossing (63/850, 68/020, 71/800, 85/035, 98/200, 100/450 & 108/710)	
1.6	Length in Meters	A) along Road : 20.910km(RHS) B) 6.425km(LHS) C) Crossings 63/850, 68/020, 71/800, 85/035, 98/200, 100/450 & 108/710- each crossing meters (8X 60-480m) = 27.815km	
1.7	Width of available ROW		
(a)	Left side from center line towards increasing chainage / km Direction	30M 15M	K. Ramesh Babu
(b)	Right side from center line towards chainage/km direction	30M 15M	
1.8	Proposal to lay OFC		
(a)	Left side from center line towards increasing chainage / km Direction	As per Drawing	
(b)	Right side from center line towards chainage/km direction	As per Drawing	
1.9	Proposal to acquire land		
(a)	Left side from 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 if not then where to lay the cable	NA	

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Hyderabad Dindi (O&M), NH-765

K. Ramesh Babu

P.D

PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
PROJECT IMPLEMENTATION UNIT
HYDERABAD - 500 034.

TEAM LEADER
Hyderabad Dindi (O&M), NH-765
Aarvee Associates Architects
Engineers & Consultants Pvt. Ltd.

Resident Engineer
Aarvee Associates Architects
Engineers & Consultants Pvt. Ltd.
NH-765, Hyd-Dindi Projects

1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of lanes (2/4 6/8 lanes) existing	2 /4 Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 6/8 lanes)	2/4 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	-	
1.15	Proposed Service Road	No	
(a)	Left side from center line	NA	
(b)	Right side from center line	NA	
1.16	Whether proposal to laying of OFC Cable is after the service road or between the service road carriageway	NA	
1.17	The permission for laying of OFC cable shall be considered for approval / rejection Ministry Circulars Mentioned as above	Approval	
(a)	Carrying of Sewage/gas pipelines on highway bridges shall not be permitted as Furnes / gases pipes accelerate the process of corrosion or ma explosions, thus, being much more injurious of water	NA	
(b)	Carring of OFC on bridges shall discouraged. However, if the water supply seem to have no other viable alternative and the highway authority well in time before the bridge is finalized, they may be permitted to pipeline on independent superstructure, extended portions of piers and abutments in manner that in the final arrangement enourhg around the superstructure of the bridge for inspection and repairs, etc.	NA	

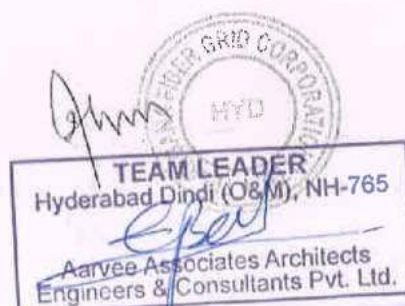
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K. Ramesh
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(c)	Cost of required extension of the as that of the supporting superstructure shall the agency in-charge of the utilities.	NA	
(d)	Services are not being allowed parapet/any part of the bridges, Safety of the to be kept in view while permitting various bridge. Approvals are to be accorded in this the concurrence of the Ministry's Project Engineers only	NA	
1.18	If crossings of the road involved If Yes, it shall be either encased in pipes or structure or conduits specially built for that expenses of the agency owning the line	Yes	
(a)	Existing drainage structures shall not be allowed to carry the lines	No existing drainage system	
(b)	Is it on a line normal to NH	Yes	
(c)	Crossings shall not be too near the existing structures on the National Highway, the distance being 15 meter. What is the distance from the existing structures	Yes. (250m)	
(d)	The casing pipe (or conduit pipe in the case electric cable) carrying the utility line shall cast iron, or reinforced cement concrete adequate strength and be large enough to ready withdrqwal of the carrier pipe/cable	Yes	
(e)	Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as path.	Yes	
(f)	(f) The Casing/conduit pipe should, as extend from drain to drain in cuts and toe of slope in the fills	Yes	
(g)	The top pf the casing/conduit pipe should least 1.2 meter below the surface of the to being at least 0.3 m below the drain	Yes	

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(h)	Crossing shall be by boring method (HDD) specially where the existing road pavement cement concrete or dense bituminous	HDD- proposed existing road pavement is of DUM	
(i)	The casing/conduit pipe shall be installed even bearing throughout its length and in mannner as to prevent the formation of a water way along it.	Yes	
2	Document/Drawings enclosed with the proposal		
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep x 0.3m wide)	As per Drawing	
(i)	Should not be greater than 60 Cm wider than diameter of the pipe	Yes	
(ii)	Located as close to the extreme edge of the as possible but not less than 15 meter from centre-lines of the nearest carriageway	Yes	
(iii)	Shall not be permitted to run along the Highways when the road formation is situated cutting. Nor shall these be laid over the and bridges.	Yes	
(iv)	These should be so laid that their top is at 0.6 meter below the ground level so as not drainage of the road land.	NA	
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 OFC Chainage, Width of RoW, distance of from the edge of ROW, important mile stone intersections, cross drainage work etc.	Strip plan (Enclosed)	
2.4	Methodology for laying of showing OFC	Yes	

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2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither nor dense bituminous concrete type. If yes of refilling of trench	Yes	
(a)	The trench width should be at least 30 cm, more than 60cm wider than the outer pipe	Yes	
(b)	For filling of the trench, Bedding shall be to a Not less than 30cm. It shall consist of free of lumps, clods and cobbles and graded firm surface without sudden change in the Unsuitable soil and rock edged should be replaced by selected material	Yes	
(c)	The backfill shall be completed in two stages fill to the level of the top of the pipe and (ii) bottom of the road crust.	Yes	
(d)	The sidefill shall consist of granular material cm layers each consolidated by mechanical and controlled addition of moisture to 95 % of Proctor's Density. Overfill shall be compacted same density as the material that had been consolidation by saturation or ponding will not permitted.	Yes	
(e)	(e) The road crust shall be built to the same the existing crust on either side of the trench be taken to avoid the formation of a dip at the	Yes	
(f)	(f) The excavation shall be protected by and barricades, and red lights during night.	Yes	
(g)	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Yes, we bear the cost of diversion charges	
2.4.2	Horizontal Directional Drilling (HDD) Method.	HDD Method for crossing	
2.4.3	Laying of OFC through CD works and method of laying.	NA	

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(a)	(a) On approaches, the water mains/Cables carried along a line as close to the edge of way as possible up-to a distance of 30m from and subject to all other stipulations contained Ministry's guidelines issued with letter No.NH dated 19.11.1976.	NA	
3	Draft License Agreement signed by two witnesses.	Enclosed	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs100/- per running meter NH and Rs28,19,000/- BG value of NH, of one year initially (extendable if required satisfactory completion of work) as a ensuring/making good the excavated trench the cables/ducts by proper filling and clearing debris/loose earth produced due to of trenching at least 50m away from the right of way. No payment shall be payable NHAI to the licensee for clearing	Yes (undertaking is give that once the proposal is approved the BG will be furnished)	
4.1	Performance BG as per above is to be obtained.	Under taking is under submission on Rs 100 non judicial bond paper as per direction of NHAI	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	Under taking is under submission on Rs 100 non judicial bond paper as per direction of NHAI	
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.	Yes Undertaking given	
5.2	Renewal of Bank Guarantee	Yes Undertaking given	
5.3	Confirming all standard condition of NHAI 's guideline	Yes Undertaking given	
5.4	Shifting of OFC as and when required NHAI at their won cost	Yes Undertaking given	
5.5	Shifting due to 6 laning / widening of NH	Yes Undertaking given	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes Undertaking given	

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A.H.M.S
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NH-765, Hyd-Dindi Proj

5.7	Traffic movement during laying of OFC to be Managed by the applicant	Yes Undertaking given	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Yes Undertaking given	
5.9	Prior approval of the NHAI shall be obtained before Undertaking any work of installation, shifting alterations to the showing OFC cable in the National highway right-of-ways	Yes Undertaking given	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by maintenance or shifting of the OFC be borne by the agency owning the line	Yes Undertaking given	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or road, it will be carried out as desired by the cost of the agency owning the utility line within reasonable time (not exceeding 60 days) of the intimation given	Yes Undertaking given	
5.12	Certificate from the applicant in the following		
(i)	(i) Laying of OFC will not deleterious effects on any of the bridge and roadway safety for traffic.	Yes Undertaking given	
(ii)	(ii) for 6- lanning "We do undertake that I will service road/approach road/utilities at my notwithstanding the permission granted with in as will be stipulated by NHAI" for future six any other development	Yes Undertaking given	
6	Who will sign the agreement on behalf of OFC cable agency.	M/S Telangana Fiber Grid Corporation Limited	
7	Certificate from the Project Director		

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Asst. Mgr

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Hyderabad Dindi (O&M), NH-765
Aarvee Associates Architects
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7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No (58)/68 dated 31.1.1969, Ministry Circular No.P/66/76 DATED 18/19.11.1976, Ministry RW/NH-III/P/66/76dated 11.5.1982, Minister RW/NH- 11037/1/86-DOJ(ii) DATED 28.7.1993, Circular No.rw/nh-11037/1/86/DOI dated Ministry Circular No.RW/NH-34066/2/95/25.10.19999 and Ministry Circular No.RW/NH-34066/7/2003 S&R (B) dated 17.9.2003 (yes/No).	YES	
7.2	Certificate from PD in the following format		
(i)	"It is certified that any other location of OFC cable would be extremely and unreasonable costly and the OFC within ROW will not adversely affect the design, stability & of the highway nor the likely future (Yes/No) Such as widening of the carriageway curve etc."	YES	
(ii)	for 6 - lanning		
(a)	(a) Where feasibility is available "I do Certify be no hindrance to proposed six laning based feasibility report considering proposed said location"	No	
(b)	(b) In case feasibility report is not available " I that sufficient ROW is available at site for accommodating proposed six -laning".	NA	
8	If NH section proposed to be taken up by NHA) on BOT basis - clause is to be inserted in the agreement "The permitted Highway on which licensee has been granted the right to lay cable/duct has also been right of way to the concessionaire under the agreement	NA	

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TEAM LEADER
Hyderabad Dindi (O&M), NH-765
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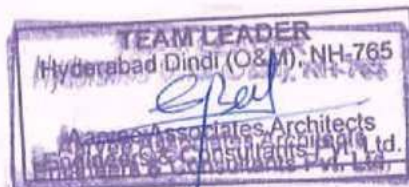
Resident Engineer
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9	Who will supervise the work of laying of OFC cable	(i) NHA1 Supervision Consultant (ii) T.Fiber-DGM	
10	Who will ensure that defects in road portion after laying of OFC Cable are corrected and if not corrected then what action will be taken.	DGM-T.fiber if the defects are not corrected NHA1 will encash the amount from BG	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionair.	M/S Telangana Fiber Grid Corporation Limited, Telangana	
12	A certificate from PD that he will enter the proposed permission in the register of records of the prescribed proforma (copy enclosed)	Yes	
13	If any previous approval is accorded for laying of underground OFC cable then register of records of permissions accorded maintained by PD then copy be enclosed	NO	



K. Ramu
Attn: 8

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Aeroge Associates Architects
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NH-765, Hyderabad Project

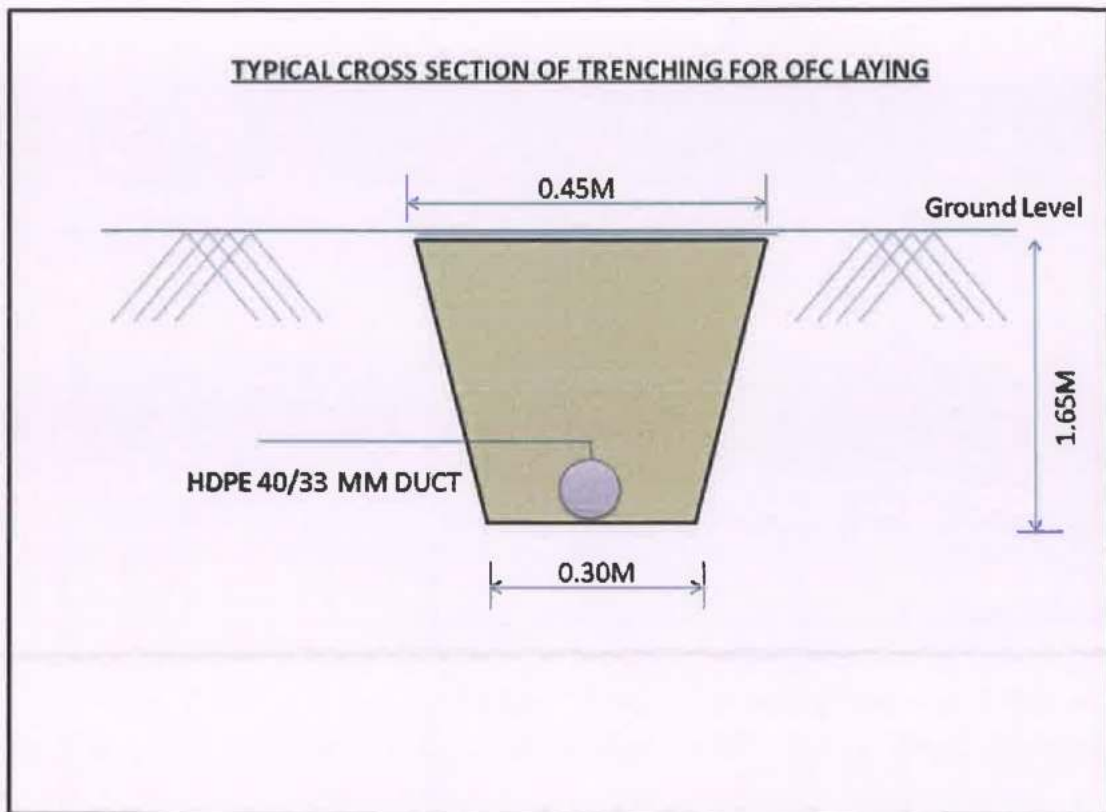


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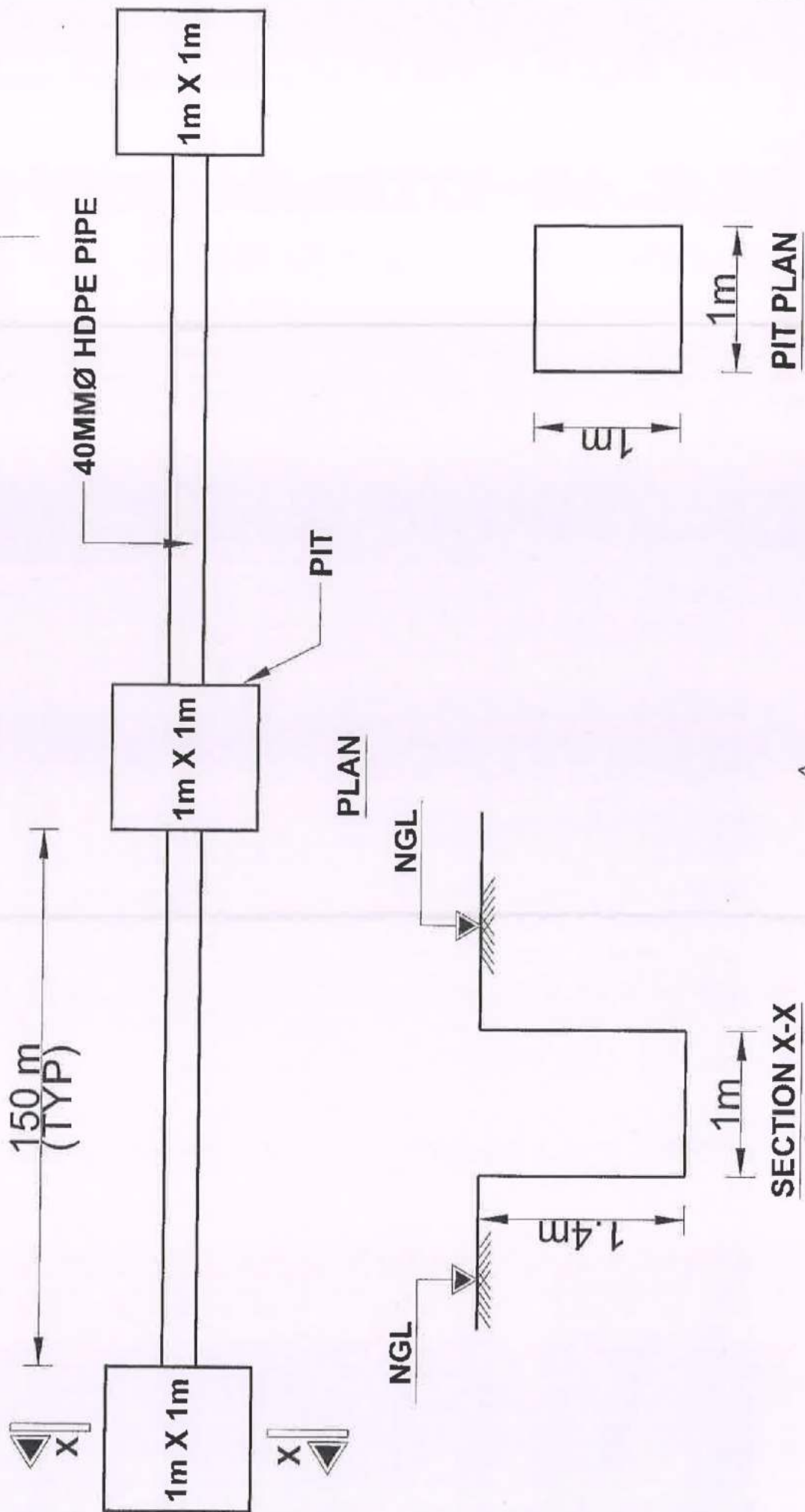
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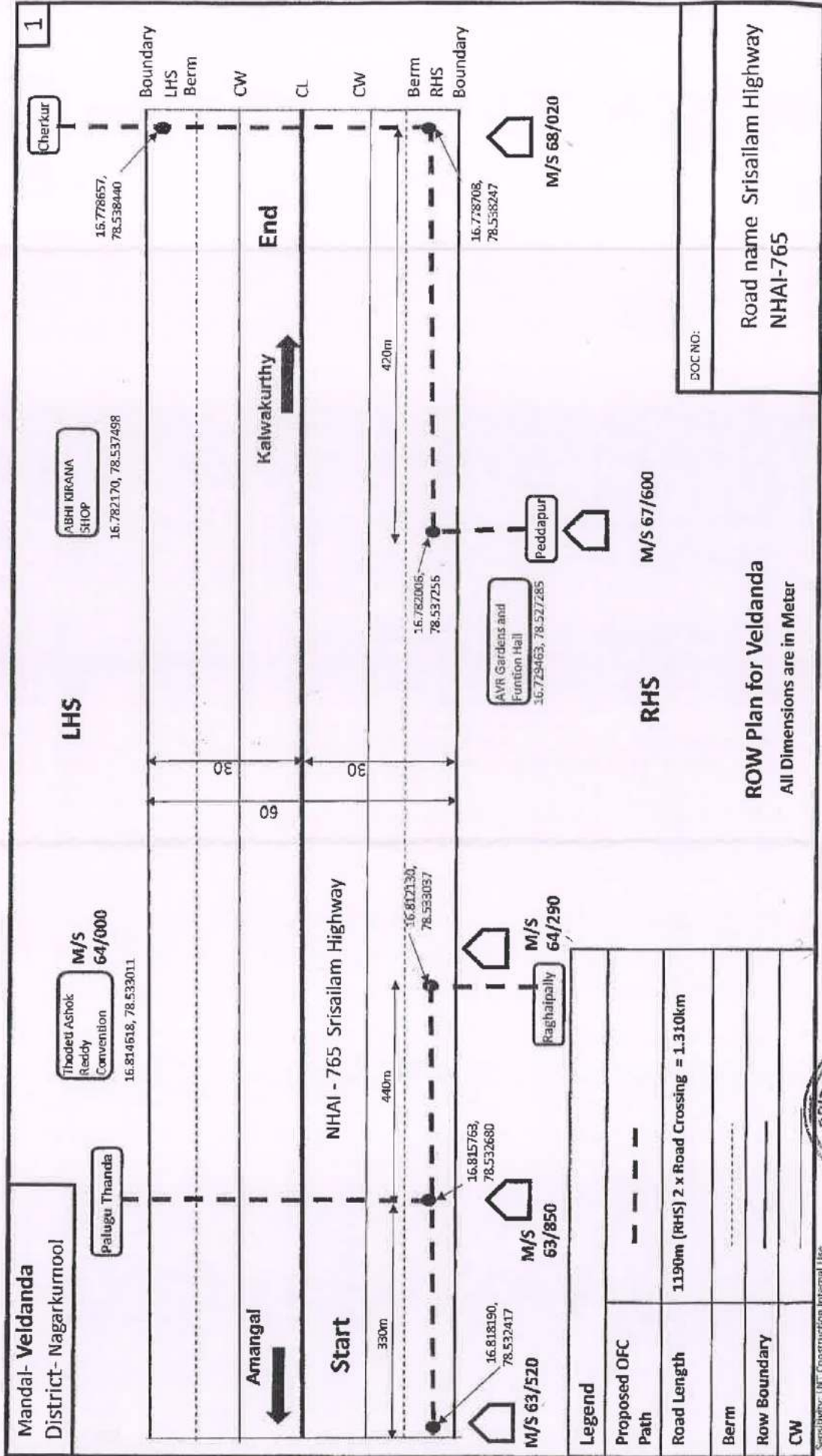
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ANNEXURE NO-7



CROSS SECTION HORIZONTAL DIRECTIONAL DRILLING (HDD)





Scale: 1:1000

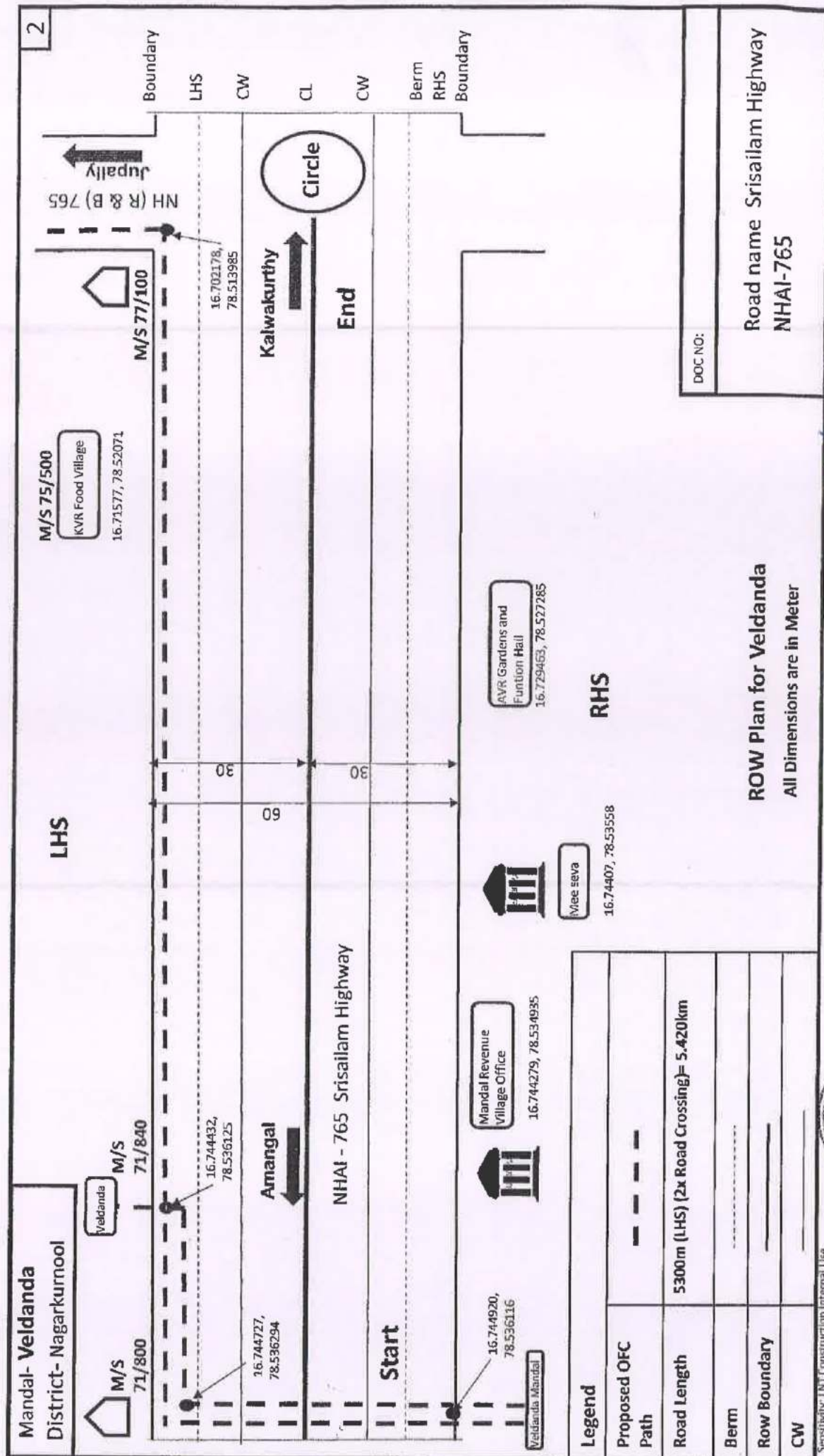
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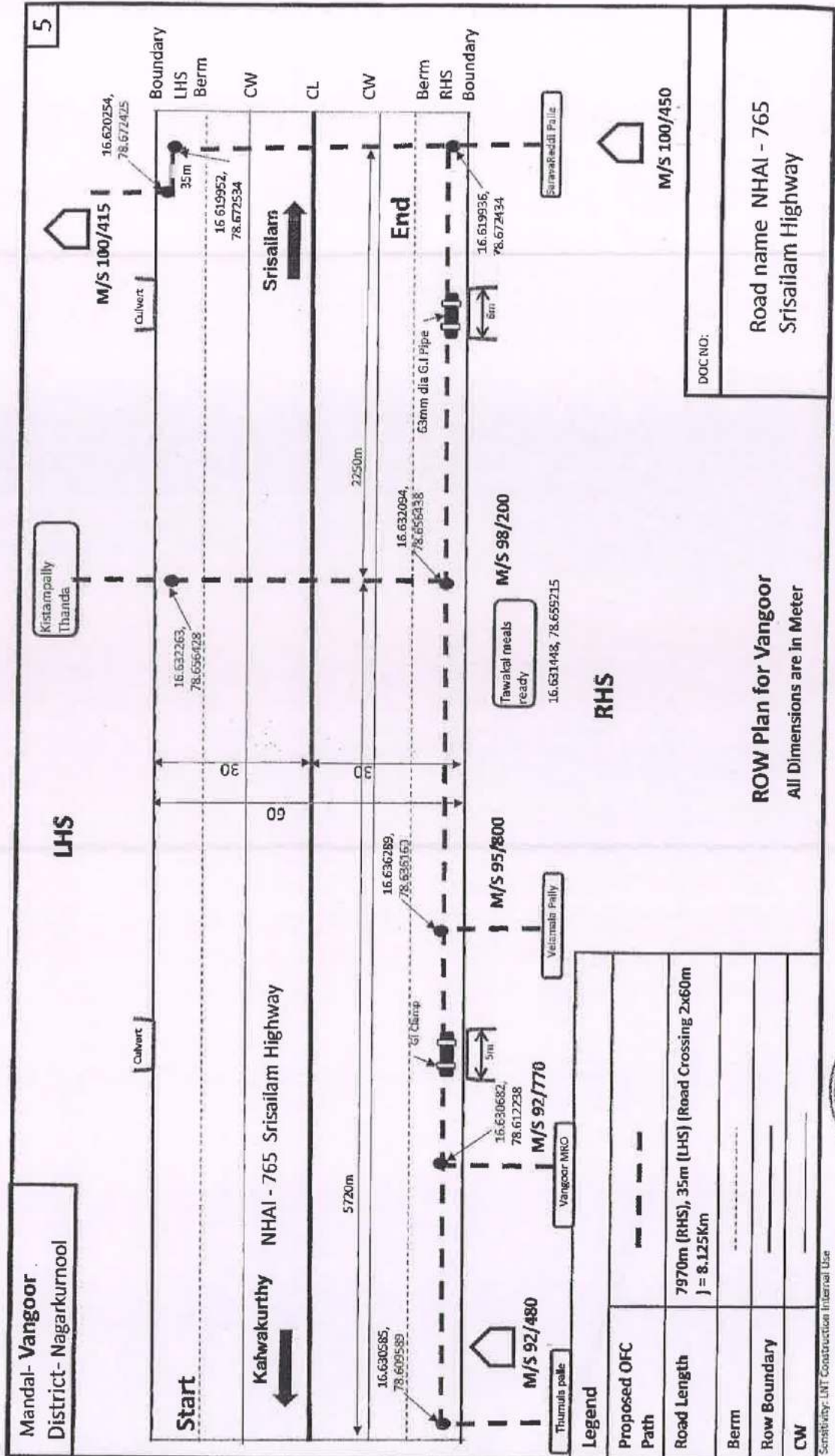
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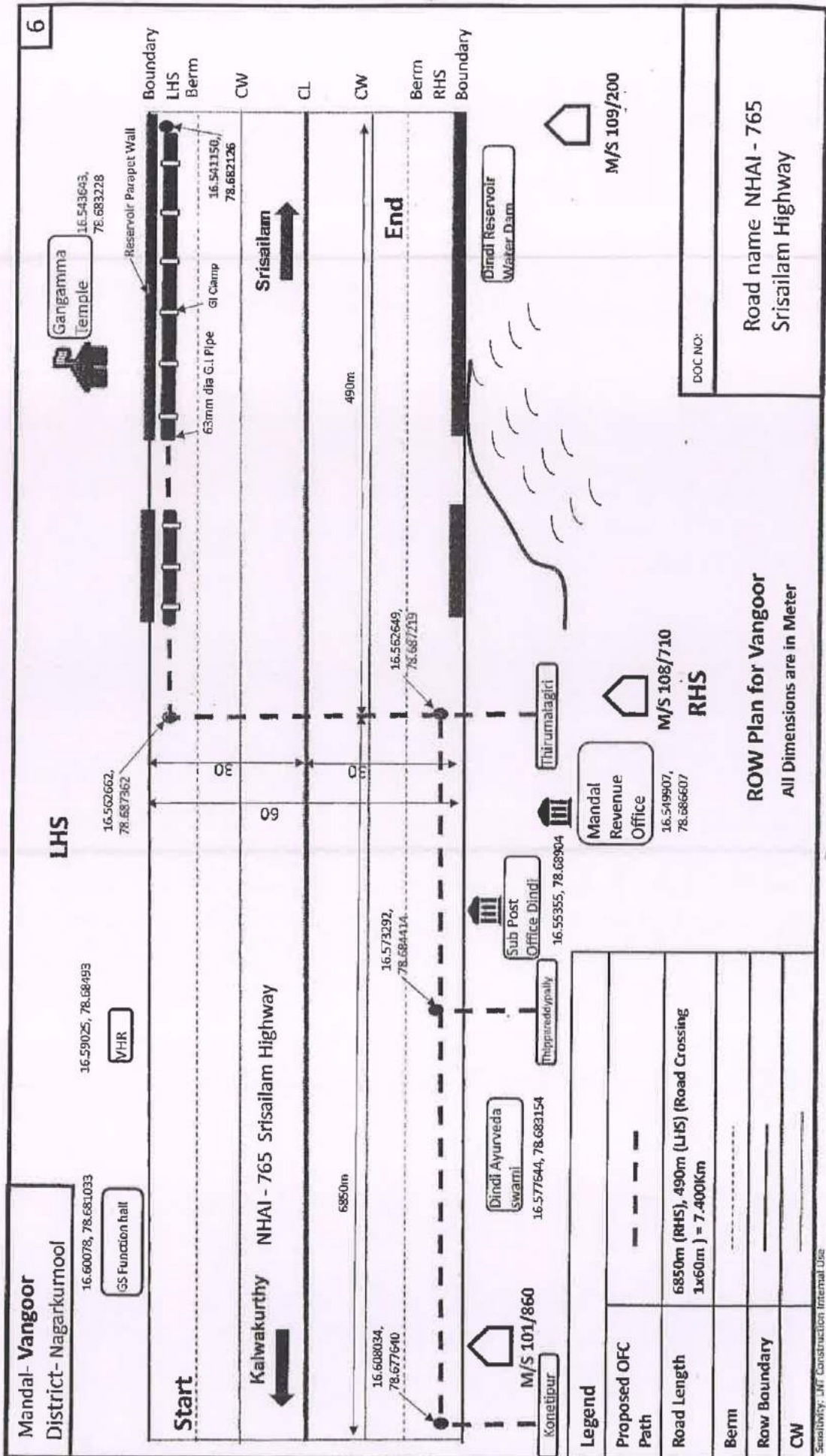




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Report
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Plan

K. Ramani

P. Reddy

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