



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

NATIONAL HIGHWAYS AUTHORITY OF INDIA

(Ministry of Road Transport and Highways, Govt. of India)

क्षेत्रीय कार्यालय / REGIONAL OFFICE

ई-6/47, स्मृति परिसर, साईबोर्ड के पास, अरेरा कॉलोनी, भोपाल (म.प्र.)-462016

E-6/47, Smriti Parisar, Near Sai Board, Arera Colony, Bhopal (M.P.)-462016

दूरभाष/Phone: 0755-2426638, फैक्स/Fax: 0755-2426698, ई-मेल/E-mail ID: robhopal@nhai.org



भाराराप्रा/क्षे.का.-म.प्र./रतलाम/33 के.वी./2025/ 54433

दिनांक 10.06.2025

Invitation of Public Comments/ सार्वजनिक टिप्पणियों का आमंत्रण

विषय: मध्य प्रदेश के रूपरा गांव में यूटिलिटी क्रॉसिंग के लिए चैनल 487.280 पर मौजूद मौजूदा यूटिलिटी डक्ट (1.5 मीटर व्यास का ह्यूम पाइप) के माध्यम से एनई -04 (दिल्ली-मुंबई एक्सप्रेसवे पर) पर 33 केवी लाइन क्रॉसिंग बिछाने की अनुमति (पीकेजी-18)।

संदर्भ: परियोजना निदेशक-रतलाम का ई- फाईल नं. 271961.


1. परियोजना निदेशक, पीआईयू-रतलाम, भाराराप्रा द्वारा ई-ऑफिस क्रमांक 271961 के माध्यम से मध्य प्रदेश के रूपरा गांव में यूटिलिटी क्रॉसिंग के लिए चैनल 487.280 पर मौजूद मौजूदा यूटिलिटी डक्ट (1.5 मीटर व्यास का ह्यूम पाइप) के माध्यम से एनई -04 (दिल्ली-मुंबई एक्सप्रेसवे पर) पर 33 केवी लाइन क्रॉसिंग बिछाने हेतु प्रस्ताव प्रस्तुत किया है।
2. PD, PIU-Ratlam, NHAI vide e-office no. 271961 has submitted the proposal for Permission to lay 33KV line crossing on NE -04 (at Delhi- Mumbai Expressway) through existing Utility duct (hume pipe of 1.5m diameter) present at Ch. 487.280 for utility crossing at village- Rupra Madhya Pradesh (PKG-18).
3. मंत्रालय के कार्यालय ज्ञापन संख्या OM No. RW/NH-33044 S&R (R) dated 22.11.2016 के अनुसार, दावे और आपत्तियां (सार्वजनिक असुविधा, सुरक्षा और सामान्य सार्वजनिक हित के आधार पर) मांगने के लिए आवेदन को 30 दिनों के लिए सार्वजनिक डोमेन में रखा जाएगा।

As per Ministry vide OM No. RW/NH-33044 S&R (R) dated 22.11.2016, the application shall be put out in public domain for 30 days for seeking claims and objections (on ground of public inconvenience, safety and general public interest).

4. तदनुसार, दावे और आपत्तियां मांगने के लिए उपरोक्त प्रस्ताव (आवेदन की प्रति संलग्न) पर 30 दिनों के भीतर (यानी 10.07.2025 तक) सार्वजनिक पोर्टल (यानी MoRTH की वेबसाइट (www.morth.nic.in)) पर जनता की टिप्पणियां आमंत्रित की जाती हैं, जिसके बाद किसी भी टिप्पणी पर विचार नहीं किया जाएगा। टिप्पणी आमंत्रित करने वाले प्राधिकारी का पता इस प्रकार है:
5. Accordingly, the public comments are hereby invited on the above proposal (copy of application enclosed) for seeking claims and objections within 30 days (i.e. by 10.07.2025) on public portal (i.e. website of MoRTH (www.morth.nic.in)) beyond which no comments will be considered. The address of comments inviting authority is as under:

राजमार्ग प्रशासक, क्षेत्रीय अधिकारी कार्यालय भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, ई-6/47, स्मृति परिसर, साई बोर्ड अरेरा कॉलोनी के पास, भोपाल (मप्र)-462016	The Highway Administrator O/o Regional Officer, National Highways Authority of India E-6/47, Smriti Parisar, Near Sai Board Arera Colony, Bhopal (MP)-462016
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यह पत्र राजमार्ग प्रशासक सह क्षेत्रीय अधिकारी के अनुमोदन उपरान्त जारी किया जा रहा है।


(रामविलास पटेल)
प्रबंधक (तक.)


संलग्न: उपरोक्तानुसार।

प्रतिलिपि:

1. वेब एडमिन, भा.रा.रा.प्रा., मुख्यालय, नई दिल्ली की ओर सर्वजनिक टिप्पणियों के लिए भा.रा.रा.प्रा. की वेबसाइट पर अपलोड करने के अनुरोध के साथ।
2. वरिष्ठ तकनीकी निदेशक, एनआईसी, परिवहन भवन, नई दिल्ली की ओर सार्वजनिक टिप्पणियों के लिए सड़क परिवहन की वेबसाइट पर अपलोड करने के अनुरोध के साथ।
3. परियोजना निदेशक, पकाई-रतलाम (म.प्र.) की ओर सूचनार्थ प्रेषित।
4. मध्यप्रदेश लघु उद्योग निगम लिमिटेड, मालवीय नगर, भोपाल की ओर सूचनार्थ प्रेषित।

Application Details [20250519/2/15/38469/16442]

Highway	NH148N [NH148N]
Name of Highway Authority	NHAI Dwarka New delhi
Highway Administration Address	RO-Gandhinagar RO-Gandhinagar
Name of Applicant/Oil Company	SHISHUPAL CHAUHAN Address: H NO 16 DEV CITY COLONY NEAR PNB BANK OBEDULLAGANJ TEHSIL HUZUR BHOPAL, BHOPAL (MADHYA PRADESH), PIN: 464993 Phn: 07225058561 Email: shishupal2013.sajal@gmail.com
Application Category	Industrial Utility
Utility	Power Cables
State	MADHYA PRADESH
Type	New
Remarks	33KV LINE CROSSING ON DELHI-MUMBAI NH-148N EXPRESSWAY CH. 488.164 AL VILLAGE -RUPRA (488/1) BOX CULVERT SPAN 1 X 2.0 X 85.0 M) M. P.
Submitted On	19 May 2025 15:41:19


 General Manager (E. & C.)
 M.P. Lahu Udyog Nigam Ltd.
 INDORE (M.P.)

Details

1. Length in Meters *	85
2. Width of available ROW	
I. Left side from center line towards increasing chainage OR km direction *	50
II. Right side from center line towards increasing chainage OR km direction *	50
3. Proposal to lay the utility	
I. Left side from center line towards increasing chainage OR km direction *	42.5
II. Right side from center line towards increasing chainage OR km direction *	42.5
4. Proposal to acquire the land	
I. Left side from center line *	NA
II. Right side from center line *	NA
5. Whether proposal is in the same side where land is not to be acquired *	Yes
If not then where to lay the cable *	NA
6. Details of already laid services if any along the proposed route *	NA
7. Number of Existing lanes *	8 Lane
8. Proposed number of lanes *	8 Lane
9. Service road Exists *	Yes

10. Proposed Service road	
Left side from center line	NA
Right side from center line	NA
11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *	AFTER CARRIAGEWAY
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *	NO
13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *	YES BUT UNDERGROUND IN CULVERT
I. Whether the existing drainage structures are allowed to carry utility pipeline. *	YES
II. Is it on a line normal to NH? *	Yes
III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. *	0.00


 General Manager (E. & C.)
 M.P. Laghu Udyog Nigam Ltd.
 INDORE (M.P.)

IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. *

NA

V. Ends of the casing/conduit pipe shall be sealed from outside, so that is does not act as a drainage path *

YES

VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. *

YES


VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 *

YES

VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete of dense bituminous concrete type. *

WITHIN THE CULVERT

14. Whether the proposal satisfies the following:


General Manager (E. & C.)
M.P. Laghu Udyog Nigam Ltd.
INDORE (M.P.)

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 2 M 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 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. *

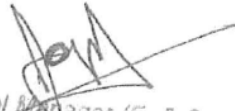
NA

III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M 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


General Manager (E. & C.)
M.P. Laghu Udyog Nigam Ltd.
INDORE

V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.

NA

15. Document/Drawings enclosed with the proposal *

Yes

I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) *

NA

II. Cross section showing the size of pit and location of cable for HDD method *

NA

III. 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

IV. Methodology of laying of the Utility Pipeline/OFC *

UNDER THE CULVERT

V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench *

NA


General Manager (E. & C.)
M.P. Laghu Udyog Nigam Ltd.
INDORE (M.P.)

(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *

NA

(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *


NA

(c) The backfill shall be completed in two stages, i) Side fill to the level of the top of the pipe and ii) Overfill to the bottom of the road crust *

NA

(d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. *

NA


General Manager (E. & C.)
M.P. Laghu Udyog Nigam Ltd.
INDORE (M.P.)

(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. *

NA

(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *

NA

(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *

NA

VI. Horizontal Directional Drilling (HDD) Method *

NA

VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *

ON CULVERT WALL USING GL CLAPMS

16. Draft license Agreement signed by two witnesses. *

YES

I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. *

TO BE CALCULATED

17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. *


Yes

I. Confirmation of BG has been obtained as per MoRTH guidelines *

Yes

18. Affidavit/Undertaking from the Applicant for following is to be furnished

- a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *
- Yes
- b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *
- Yes
- c) Undertaking Confirming all standard condition of Ministry's guidelines. *
- Yes
- d) Undertaking for indemnity against all damages and claims *
- Yes
- e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *
- Yes
- f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *
- Yes
- g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. *
- Yes


 General Manager (E. & C.)
 M.P. Laghu Udyog Nigam Ltd.
 INDORE (M.P.)

h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *

Yes

i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 *

Yes

j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *

Yes

k) Certificate from the applicant in the following format

l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six laning or/any other development

19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *

GENERAL (E&C) MP LAGHU UDYOG
NIGAM LIMITED

20. The Power of Attorney is in favour of authorized signatory? *

Yes


General Manager (E. & C.)
M.P. Laghu Udyog Nigam Ltd.
INDORE (M.P.)

Locations

Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	MADHYA PRADESH	Mandsaur	NH148N [NH148N] (0.000-700.000) From Km: 488 To Km: 488	Chainage Point: 488 Lat: 24.343 Lng: 75.677	Chainage Point: 488 Lat: 24.343 Lng: 75.677	View

Documents

Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	View
2	Under Submission	Any Other Supporting Document	No	—
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No	—
4	Under Submission	Safety Clearance from Directorate of Electricity	No	—
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No	—
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No	—
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No	—
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No	—
9	Under Submission	Any Other Statutory Clearance as applicable	No	—

Applicable Fee Details

Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	1612.00	

CHECK LIST

Guidelines for Project Directors for processing the Proposal of laying Electric Cable by private parties in the land along National Highways.

Relevant circulars-

Ministry's Circular No. RW/NH-333044/27/2005-S&R(R)(Pt.) Date 06/07.08.2013. It is regarding the modification of previous Ministry's circular enhancing the amount of Performance Bank Guarantee @ Rs. 100/- per route meter.

Check list for getting approval for laying of 33 KV Electric Cable line crossing Delhi Mumbai Expressway at Rupra Village 488/1 Box Culvert span -1x2.0x2.0

Sr. No.	Item	Norms	Remark
1	Width of Available ROW	Existing ROW	100 M
2	Width of Available ROW - Left side from center line (towards increasing Chainage/Km direction)	50.00m	NA
3	Width of Available ROW - Right side from center line (towards increasing Chainage/Km direction)	50.00m	NA
4	Proposal to lay 33 KV Electric Cable		Laying of 33 KV HT Cable from utility duct. Originating from 132 KV garoth Substation to Boliya Industrial Area Crossing the Delhi Mumbai Expressway at Expressway from Box Culvert span -1x2.0x2.0, 488/1 at Rupra Village
4(a)	Proposal to lay 33 Kv HT line - Left side from centre line (Towards increasing Chainage/Km direction)	50.00m	Laying of 33 KV HT Cable from utility duct. Originating from 132 KV garoth Substation to Boliya Industrial Area Crossing the Delhi Mumbai Expressway at Expressway from Box Culvert span -1x2.0x2.0, 488/1 at Rupra Village
4(b)	Proposal to lay 33 Kv HT Line - Right side from centre line (towards increasing Chainage/Km direction)	50.00m	Laying of 33 KV HT Cable from utility duct. Originating from 132 KV garoth Substation to Boliya Industrial Area Crossing the Delhi Mumbai Expressway at Expressway from Box Culvert span -1x2.0x2.0, 488/1 at Rupra Village
5	Proposal to Acquire Land	-NA-	NA
5(a)	Proposal to Acquire Land - Left side of the centre line	m	NA
5(b)	Proposal to Acquire Land - Right side of the centre line	m	NA
6	Whether proposal is in the same side where land is not to be acquired, if not then where to lay the water pipeline	LHS/RHS/BOTH	NA
7	Details of already laid services, if any along the proposal route	NA	11 KV HT cable of MPPIKVCL
8	Number of lanes (2/4 or 6/8) existing	NA	8 Lanes
9	Proposed number of lanes (2 lane with paved shoulders of 4 or 6/8 lane)	8 Lanes	NA
10	Service road (existing or not) Y/N, if yes then which side	-NA-	NA
11	Service road (existing or not) Y/N, if yes then which side -Left side from centre line (width)	-NA-	NA
12	Service road (existing or not) Y/N, if yes then which side - Right side from centre line (width)	-NA-	NA
13	Proper service road	-NA-	NA
14	Proper service road -Left side from centre line (width)	-NA-	NA
15	Proper service road - Right side from centre line (width)	-NA-	NA

Sr. No.	Item	Norms	Remark
16	Whether proposal to lay 33KV electric Line is beyond the service road of between the service road and main carriageway	WITHIN/BEYOND/MIXED	NA

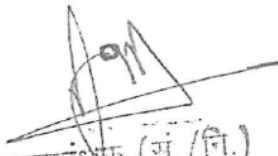
Sr. No.	Item	Norms	Remark
17	The permission for laying of 33KV electric Line shall be considered for approval/ rejection based on Ministry Circular mentioned as above - Carrying of sewage/gas pipeline on highway/bridges shall not be permitted as fumes/gases pipes can accelerate the process of corrosion or may cause explosions, thus being much more injurious than leakage of gas	-NA-	NA
18	The permission for laying of 33Kv Electric Line shall be considered for approval/ rejection based on Ministry Circular mentioned as above - Carrying of Gas pipeline on bridges shall also be discouraged, however if the gas authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized the may be permitted to carry the pipeline in independent superstructure supported on extended	-NA-	NA
19	portions of piers and abutment in such a manner that in the final arrangement enough free space around the superstructure of the bridge remains available for inspection and repairs etc.	-NA-	NA
20	The permission for laying of 33KV HT line shall be considered for approval/rejection based on Ministry Circular mentioned as above - Cost of required extension of the sub-structure as well as that the supporting superstructure shall be borne by the agency in charge of the	Amount	Laying of 33 KV HT Cable from utility duct. Crossing the Delhi Mumbai Expressway at Expressway from Box Culvert span -1x2.0x2.0, 488/1 at Rupra Village
21	The permission for laying of 33KV HT line shall be considered for approval/rejection based on Ministry Circular mentioned as above - Services are not being allowed indiscriminately on the parapet/any part of the bridge. Safety of the bridges has to be kept in view while permitting various services along bridge approvals are to be accorded in this regard with the concurrence of the Ministry's project Chief Engineers only.	-NA-	NA
22	If crossing of the road involved is yes, it shall be either encased in pipelines or through structure or conduit specially built for the purpose at the expenses of the agency owning the line	-NA-	-NA-
23	If crossing of the road involved is yes, it shall be either encased in pipelines or through structure or conduit specially built for the purpose at the expenses of the agency owning the line - Existing drainage structure shall not be allowed to carry the lines	-NA-	-NA-
24	If crossing of the road involved is yes, it shall be either encased in pipelines or through structure or conduit specially built for the purpose at the expenses of the agency owning the line - Is it on a line normal to NH/SH	-NA-	-NA-
25	If crossing of the road involved is yes, it shall be either encased in pipelines or through structure or conduit specially built for the purpose at the expenses of the agency owning the line - Crossing shall be too near the existing structure on the National Highway. The minimum distance being 15m. What is the distance from the existing structure	-NA-	-NA-
26	If crossing of the road involved is yes, it shall be either encased in pipelines or through structure or conduit specially built for the purpose at the expenses of the agency owning the line - The casing pipe (or conduit pipe in case of electric cable) carrying the utility line shall be of steel cast iron or reinforced	-NA-	AGREED
27	If crossing of the road involved is yes, it shall be either encased in pipelines or through structure or conduit specially built for the purpose at the expenses of the agency owning the line - Ends of the casing/conduit pipe shall be sealed from the outside, so that it does as a drainage path	NA	AGREED

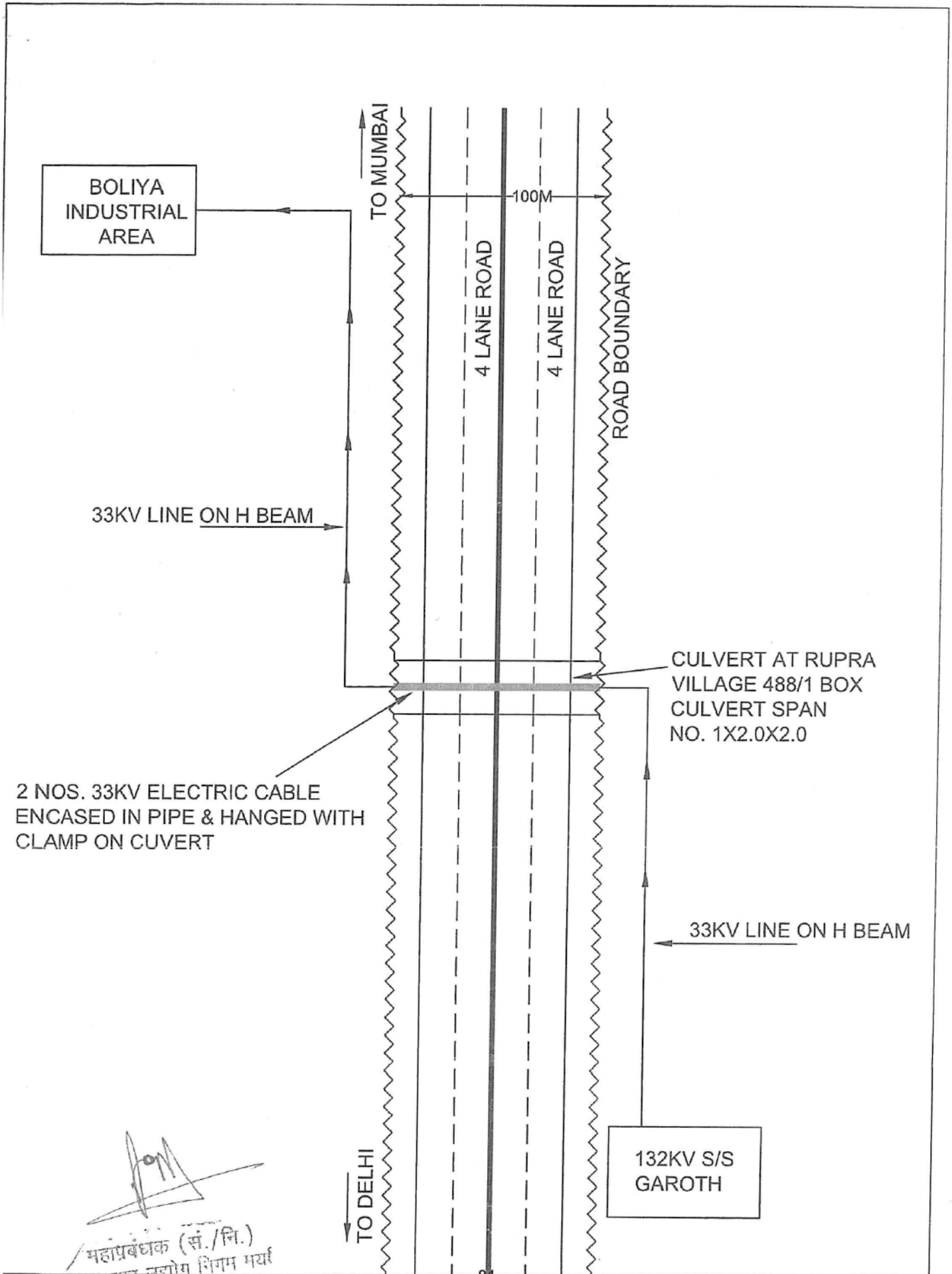
Sr. No.	Item	Norms	Remark
28	If crossing of the road involved is yes, it shall be either encased in pipelines or through structure or conduit specially built for the purpose at the expenses of the agency owning the line - The casing/conduit pipe shall be sealed from drain to in cuts and toe of slope in the fills	-NA-	AGREED
29	If crossing of the road involved is yes, it shall be either encased in pipelines or through structure or conduit specially built for the purpose at the expenses of the agency owning the line - The top of the casing/conduit pipe should be at least 12m below the surface of the road subject to being at least 03m below the drain invert	-NA-	AGREED
30	If crossing of the road involved is yes, it shall be either encased in pipelines or through structure or conduit specially built for the purpose at the expenses of the agency owning the line - Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type	-NA-	NA
31	If crossing of the road involved is yes, it shall be either encased in pipelines or through structure or conduit specially built for the purpose at the expenses of the agency owning the line - The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it	-NA-	AGREED
32	Document/Drawing enclosed with the proposal	-NA-	AGREED
33	Cross section showing the size of the trench for open trenching method if is normal size of 12 deep x 03m width	-NA-	NA
34	Cross section showing the size of the trench for open trenching method if is normal size of 12 deep x 03m width - Should not be greater than 60cm wider than the outer diameter of the pipe	-NA-	NA
35	Cross section showing the size of the trench for open trenching method if is normal size of 12 deep x 03m width - Located as close to the extreme edge of the right of way as possible but not less than 15m from the center lines of the nearest carriage way	-NA-	NA
36	Cross section showing the size of the trench for open trenching method if is normal size of 12 deep x 03m width - Shall not be permitted to run along the NH/SH when the road formation is situated in double cutting nor shall these be laid over existing culverts and bridges.	-NA-	NA
37	Cross section showing the size of the trench for open trenching method if is normal size of 12 deep x 03m width - These should be so laid that their top is at least 0.6m below the ground level so as not to obstruct drainage of the road land	-NA-	NA
38	Cross section showing the size of pit and location of cable for HDD method	-NA-	NA
39	Strip plan/route plan showing 33KV HT line Chainage, width of ROW, distance of proposed cable from the edge of ROW, important mile stone, intersections cross drainage works etc.	-NA-	YES ENCLOSED
40	Methodology for laying of water pipe line	Nil	NA
41	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type, if yes methodology or refilling of trench		Lying of 33 KV HT Cable from utility duct. Crossing the Delhi Mumbai Expressway at Expressway from Box Culvert span -1x2.0x2.0 , 488/1 at Bura Millane
42	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type, if yes methodology or refilling of trench - The trench width should be at least 30cm but not more than 60cm wider than the outer diameter of the pipe	-NA-	AGREED

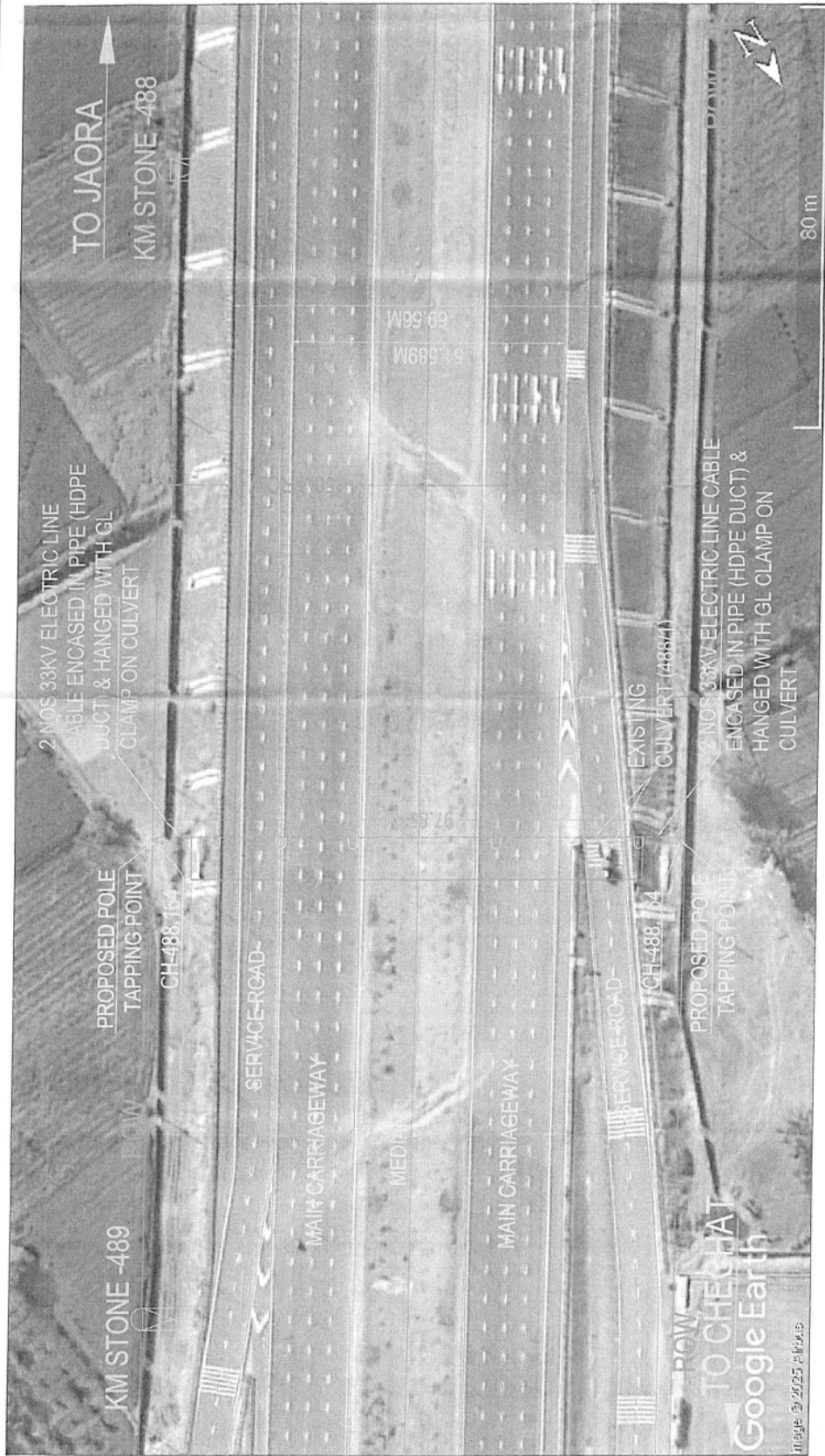
Sr. No.	Item	Norms	Remark
43	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type, if yes methodology or refilling of trench - For filling of the trench. Bidding shall be to a depth of not less than 30cm. It shall consist of granular material. Free of lumps clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material	-NA-	AGREED
44	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type, if yes methodology or refilling of trench - The backfill shall be completed in two stages	-NA-	AGREED
45	The backfill shall be completed in two stages - Side fill to the level the top of the pipe and	-NA-	YES, AGREED
46	The backfill shall be completed in two stages - Overfill to the bottom of the road crust	-NA-	YES, AGREED
47	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type, if yes methodology or refilling of trench - The side fill shall consist of granular material laid in 15m layers each consolidated by mechanical tamping and controlled additional of moisture of 90% of the proctor's density over fill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted	-NA-	YES, AGREED
48	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type, if yes methodology or refilling of trench - The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of dip at the trench	-NA-	NA
49	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type, if yes methodology or refilling of trench - The excavation shall be protected by flagman signs and barricades and red light during the night hours	-NA-	NA
50	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type, if yes methodology or refilling of trench - The excavation shall be protected by flagman signs and barricades and red light during the night hours	NA-	NA
51	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type, if yes methodology or refilling of trench - If required, a diversion shall be constructed at the expense of the agency owning utility line	-NA-	NA
52	Horizontal Directional drilling (HDD) method	-NA-	NIL
53	Laying of water supply pipe line through CD work and method laying	-NA-	NA
54	Laying of water supply pipe line through CD work and method laying - On approaches the water mains/cables shall be carried along a line as close to the edge of the right of way as possible up to a distance of 30m from the bridge and subject to all other stipulation contained in MORTH/NHAI guidelines	-NA-	NA
55	Draft license agreement signed by two witnesses	-NA-	YES, ENCLOSED

Sr. No.	Item	Norms	Remark
56	Performance bank guarantee in favour of NHAI has to be obtained @ Rs. 100/- per running meter (parallel to NH/SH) and Rs. 1,00,000 per crossing of NH/SH for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making	-NA-	License fees : & Performance Bank guarantee is 1,00,000/-
57	Good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to executing of trenching at least 50m away from the edge of the right of way no payment shall be payable by the NHAI to the licensee for clearing debris/loose earth	-NA-	NA
58	Performance BG as per above it to be obtained	-NA-	Performance Bank guarantee is 1,00,000/-
59	Confirmation of BG has been obtained as per MORTH guidelines	-NA-	
60	Affidavit/undertaking from the applicant for	-NA-	
61	Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	-NA-	YES, ENCLOSED
62	Renewal of bank guarantee	-NA-	YES, ENCLOSED
63	Confirming all standard condition of MORTH/NHAI's guidelines	-NA-	YES, ENCLOSED
64	Shifting to 33KV Electric Cable as and when required by NHAI at their own cost	-NA-	YES, ENCLOSED
65	Shifting due to lanning/widening of NH/SH	-NA-	YES, ENCLOSED
66	Indemnity against all damages and claims clause (xxiv)	-NA-	YES, ENCLOSED
67	Traffic movement during laying of 33 KV Electric Cable to be managed by the applicant	-NA-	YES, ENCLOSED
68	If any claim if raised by the Concessionaire then the same has to be paid by the applicant	-NA-	YES, ENCLOSED
69	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs of alteration to the showing 33 KV Electric cable line located in the National Highway right of ways	-NA-	YES, ENCLOSED
70	Expenditure if any incurred by NHAI for repairing any damage cause to the National Highway by the laying maintenance or shifting of the 33 Kv Electric cable Line will be borne by the agency owning the line	-NA-	YES, ENCLOSED
71	If the NHAI consider if necessary in future to move the utility line for any work of improvement or repairs of the road. It will be carried out as desired by the NHAI or the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given	-NA-	YES, ENCLOSED
72	Certificate from the applicant in the following format	-NA-	YES, ENCLOSED
73	Certificate from the applicant in the following format - Laying of Electric line will not have any deleterious effects on any of the bridge components and roadway safety for traffic	-NA-	YES, ENCLOSED
74	Certificate from the applicant in the following format - For B lanning ?we do undertake that will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as well be stipulated by NHAI? For future	-NA-	NA
75	Who will sign the agreement on behalf or Electric Line agency	Name, designation	The General Manager (E&C) MP Laghu Udyog Nigam Ltd Indore

Sr. No.	Item	Norms	Remark
76	Certificate from the Project Director	-NA-	NA
77	Certificate for confirming of all standard conditions	-NA-	NA
78	Certificate from PD in the following format - It is certificated that any other location of the Electric Line would be extremely difficult and unreasonable costly and the installation of Electric Line with in ROW will not adversely affect the design stability and traffic safety of the highway nor the likely future improvement such as widening of the carriageway easing of curve etc.	-NA-	NA
79	Certificate from PD in the following format - For 6 laning	-NA-	NA
80	Certificate for confirming of all standard conditions - Where is feasibility available ? I do certify that there will be no hindrance to proposed six lanning based on the feasibility report considering proposed structure at the side location?	-NA-	NA
81	Certificate for confirming of all standard conditions - In case feasibility reports is not available ? I do certify that sufficient ROW is available at site for accommodating proposed six laning?	-NA-	NA
82	If NH/SH section proposed to be taken up by NHAI on BOT basis a clause is to be inserted in the agreement ? the permitted highway on which licensee has been granted the right to lay water pipe line cable/duct has also been granted as a right to way to the Concessionaire under the concession agreement for up gradation of (section from Km ---- to Km ---- of NH/SH no on build, operate and transfer basis) and therefore the licensee shall honour the same	-NA-	NA
83	Who will supervise the work of Laying of Electric Line	Applicant/ MPPKVVC Garoth	NA
84	Who will ensure, that the defects in road portion after laying of electric line are corrected and if not corrected then what action will be taken ?	Applicant	NA
85	Who will pay the claims for damages done/disruption in working of Concessionaire, if asked by the Concessionaire	Applicant	NA
86	A certificate from PD that he will enter the proposed permission in the register records of the permission in the prescribed proforma (copy enclosed)	Applicant	NA
87	If any previous approval is accorded for laying of underground Electric Line then photo copy of register of records of permission accorded as maintained by PD then copy enclosed	-NA-	NA
Recommendation : Satisfactory /Unsatisfactory Over all Remarks :			


 महाप्रबंधक (सं./नि.)
 म.प्र. लघु उद्योग विभाग, ग्वाल्हरी
 संभावित-प्रमाणिक-





M.P. LAGHU UDYOG NIGAM LIMITED

ADDRESS:-

3, POLO GROUND, INDORE

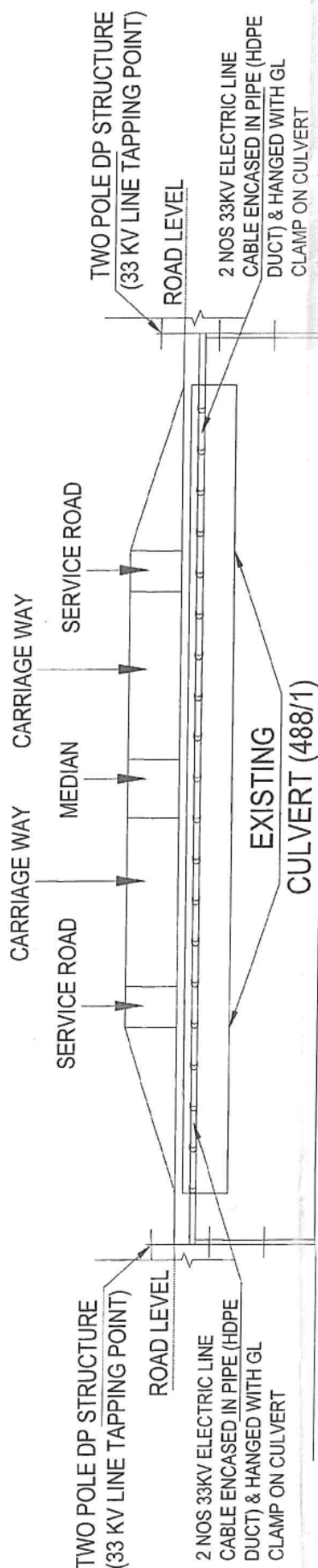
**SUBJECT :- DETAIL PLAN OF
PRIVATE PROPERTY (OTHER PROPERTY)
REGARDING PERMISSION FOR LAYING 33KV
LINE CROSSING ON DELHI - MUMBAI
NH-148N EXPRESSWAY, CH-488.164 AT
VILLAGE - RUPRA (488/1) BOX CULVERT
SPAN 1x2.0x85.0, MADHYA PRADESH**


General Manager (E & C)
M. P. Laghu Udyog Nigam Ltd.
INDORE (M.P.)

AUTHORIZED SIGNATORY

**GOOGLE IMAGE PLAN
(SCALE N.T.S)**

LAYING OF 33KV ELECTRIC LINE



ELEVATION PLAN
(SCALE N.T.S)

M.P. LAGHU UDYOG NIGAM LIMITED

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INDORE (M.P.)

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