



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

क्षेत्रीय कार्यालय (उत्तराखण्ड) - मकान नं-58/37, बलबीर रोड, देहरादून- 248001

Regional Office (Uttarakhand) - House No.-58/37, Balbir Road, Dehradun- 248001

Phone: 0135-2669752 & 62 E-mail: routtarakhand@nhai.org Website: www.nhai.gov.in

50063/भाराराप्रा/आरओ-यूकेडी/2014/21110

जुलाई 18, 2025

सार्वजनिक टिप्पणियाँ हेतु आमंत्रण

Invitation of Public Comments

विषय: उत्तर प्रदेश राज्य के जिला रामपुर में एनएच-09 रामपुर से रुद्रपुर खण्ड पर किमी0 25.300 पर एचडीडी विधि द्वारा आरएचएस किमी0 24.900 से किमी0 27.100 (2200मी) किमी0 38.220 से किमी0 38.850 (630मी0) और किमी0 42.987 से किमी0 43.440 (453मी) आरएचएस और एलएचएस कॉसिंग तक 11 केवी लाईन ओवर हेड 11 केवी एसीएसआर रैबिट और वीजल कंडक्टर केबल बिछाने के प्रस्ताव के संबंध में।

Proposal for laying of 11 KV Line, Over Head 11KV ACSR Rabbit & Weasel Conductor Cable from RHS Km.24+900 to Km. 27+100 (2200m) Km 38+220 to Km 38+850 (630m) & Km 42+987 to Km 43+440 (453m) RHS & LHS Crossing by HDD Method at Km.25+300 on NH-09 Rampur to Rudrapur Section) at District- Rampur in the state of Uttar Pradesh- reg.

सभी संबंधितों को सूचित किया जाता है कि कार्यकारी अभियंता, विद्युत वितरण प्रभाग, पीवीवीएनएल बिलासपुर, रामपुर, उत्तर प्रदेश ने उत्तर प्रदेश राज्य के जिला रामपुर में एनएच-09 रामपुर से रुद्रपुर खण्ड पर किमी0 25.300 पर एचडीडी विधि द्वारा आरएचएस किमी0 24.900 से किमी0 27.100 (2200मी) किमी0 38.220 से किमी0 38.850 (630मी0) और किमी0 42.987 से किमी0 43.440 (453मी) आरएचएस और एलएचएस कॉसिंग तक 11 केवी लाईन ओवर हेड 11 केवी एसीएसआर रैबिट और वीजल कंडक्टर केबल बिछाने की अनुमति देने के लिए पीआईयू-रुद्रपुर को विषय प्रस्ताव प्रस्तुत किया है।

It is to inform all concerned that Executive Engineer, Electricity Distribution Division, PVTNL Bilaspur, Rampur, Uttar Pradesh has submitted the subject proposal to PIU-Rudrapur for grant of permission towards laying of 11 KV Line, Over Head 11KV ACSR Rabbit & Weasel Conductor Cable from RHS Km.24+900 to Km. 27+100 (2200m) Km 38+220 to Km 38+850 (630m) & Km 42+987 to Km 43+440 (453m) RHS & LHS Crossing by HDD Method at Km.25+300 on NH-09 Rampur to Rudrapur Section) at District- Rampur in the state of Uttar Pradesh.

2. विद्युत केबल बिछाने और कांसिंग के लिए प्रस्तावित स्थान नीचे सारणीबद्ध है:

The proposed location for laying & crossing of Electric Cables are tabulated hereunder: -

S. N.	Chainage in Km.			NH	Length (in m)	Methodology of laying Poles in this stretch	Remarks
	From	To	Side				
1.	24+900	25+300	RHS	09	400	Through HDD method	Laying & crossing of 11 KV lines
2.	25+300	27+100	RHS		1800		
3.	38+220	38+850	RHS		630		
4.	42+987	43+440	RHS		453		
5.	25+300		LHS		60		
6.	25+300		LHS		60		

3. सड़क परिवहन एवं राजमार्ग मंत्रालय द्वारा जारी दिशा-निर्देश संख्या RW/NH-33044/29/2015S&R(R) दिनांक 22.11.2016 के अनुसार, आवेदन को सार्वजनिक टिप्पणियाँ/आपत्तियाँ (सार्वजनिक असुविधा, सुरक्षा और सामान्य सार्वजनिक हित के आधार पर) प्राप्त करने के लिए विषयगत प्रस्ताव को 30 दिनों के लिए सार्वजनिक डोमेन में रखा जाना है।

As per the Guidelines issued by Ministry vide OM No. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the application is to put out in the public domain for 30 days for seeking public comments/objections (on the ground of public inconvenience, safety and general public interest).

Cont/-

*[Signature]*

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उपरोक्त के संबंध में, उपरोक्त प्रस्ताव पर जनता की टिप्पणियाँ/आपत्तियाँ नीचे उल्लिखित दिये गये पते पर आमंत्रित की जाती हैं, जो अपलोड होने की तिथि से 30 दिनों के भीतर इस कार्यालय तक पहुंच जानी चाहिए, इसके बाद किसी भी टिप्पणी पर विचार नहीं किया जाएगा।

In view of the above, comments/objections of the public on the above application are invited to the below mentioned address, which should reach by this office within 30days from the date of uploading beyond which no comments shall be entertained.

क्षेत्रीय अधिकारी,  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन एवं राजमार्ग मंत्रालय)  
क्षेत्रीय कार्यालय-उत्तराखण्ड  
मकान संख्या-58/37, बलबीर रोड, देहरादून-248001  
मुख्य महाप्रबंध (तक) सह क्षेत्रीय अधिकारी-उत्तराखण्ड के अनुमोदन से जारी।  
**The Regional Officer,**  
**National Highways Authority of India**  
(Ministry of Road, Transport & Highways)  
**Regional Office-Uttarakhand**  
House No.-58/37, Balbir Road, Dehradun-248001

This is being issued with the approval of C.G.M (Tech.) cum Regional Officer-Uttarakhand.

भवदीय  
Yours faithfully,

*[Signature]*  
8/07/2025  
(प्रियंका वैष्णव अरोड़ा)  
प्रबंधक (तक.)  
क्षेत्रीय कार्यालय-उत्तराखण्ड

संलग्नक : उपरोक्तानुसार।

Encl: As above.

प्रतिलिपि:

Copy to:

- वेब एडमिन-एनएचएआई, मुख्यालय, नई दिल्ली:- एनएचएआई वेबसाइट पर अपलोड करने के अनुरोध के साथ।  
Web Admin-NHAI HQ, New Delhi:- with request for uploading on the NHAI website.
- तकनीकी निदेशक, एनआईसी, परिवहन भवन, नई दिल्ली:- मंत्रालय की वेबसाइट पर अपलोड करने के अनुरोध के साथ।  
The Technical Director, NIC, Transport Bhawan, New Delhi:- with request for uploading on the Ministry's Website.
- परियोजना निदेशक, पीआईयू-रुद्रपुर:- सूचनार्थ एवं उचित आवश्यक कार्यवाही हेतु।  
PD, PIU-Rudrapur:- for information & suitable necessary action.

## CHECK LIST

**Guidelines for Project Directors for processing the proposal of Crossing /laying optical fiber/ HT cables/ Water supply pipe line etc. by private parties in the land along National Highway with NHAI.**


### Relevant circulars

Ministry Circular No. RW/NH-33044/29/2015/S&R (R) Dated 22.11.2016.

Ministry Circular No. RW/NH-33044/27/2005/S&R(R) (Pt.) Dated 06.08.2013.

### Check-list for getting approval for Crossing/ laying HT cable on NH land

S. No.	Item	Information/Status	Remarks
1.	General Information		
1.1	Name and Address of the applicant/Agency	Office of the Executive Engineer, Electricity Distribution Division-Bilaspur PVVNL, Rampur	
1.2	National Highway Number	NH-09	
1.3	State	Uttar Pradesh	
1.4	Location	Bilaspur, Rampur	
1.5	(Chainages in KM)	RHS Km.24+900 to Km.27+100 (2200m) Km 38+220 to Km 38+850 (630m) & Km 42+987 to Km 43+440 (453m) RHS & LHS Crossing by HDD Method at Km.25+300 on NH-09 Rampur	
1.6	Length in Meters	Shown in drawing	
1.7.	Width of available ROW		
	(a) Left side from centre line towards increasing chainage/km direction	<del>34m</del> 30-32m	
	(b) Right side from centre line towards increasing chainage/km direction	<del>34m</del> 30-32m	
1.8	Proposal to lay the electrical cable		
	(a) Left side from centre line towards increasing chainage/km direction		
	(b) Right side from centre line towards increasing chainage/km direction	Km.24+900 to Km.27+100 (2200m) Km 38+220 to Km 38+850 (630m) & Km 42+987 to Km 43+440 (453m)	

  
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 Manage. (Technical)  
 भा० रा० रा० प्रा०, पो० का० ई० - रुद्रपुर  
 N H A.I. PIU-Rudrapur


  
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1.9	Proposal to acquire land		
	(a) Left side from centre line.	Not required	
	(b) Right side from centre line.	Not required	
1.10	Whether proposal is in the same side where land is not to be acquired	Not required	
	If not then where to lay the cable	Within available ROW	
1.11	Details of already laid services, if any, along the proposed route	No	
1.12	Number of lanes (2/4/6/8 lanes) existing	4-lanes	
1.13	Proposed Number of lanes (2 lanes with paved shoulder/4/6/8 lanes)	NA	
1.14	Service road existing or not		
	If yes then which side		
	(a) Left side from centre line.	Yes Existing	
	(b) Right side from centre line.	Yes Existing	
1.15	Proposed Service Road		
	(a) Left side from centre line.	Not proposed	
	(b) Right side from centre line.	Not proposed	
1.16	Whether proposal to lay cable is after the service road or between the service road and main carriageway	Extreme edge of RoW	
1.17	The permission for laying OFC / HT cables/ pipe line shall be considered for approval/rejection	For approval	
	(i) Where the ROW is more than 45m then the duct cable shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening.	Extreme edge of RoW	
	(ii) Where land is yet to be acquired for 4-laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2m width, on that side of existing carrlageway where extra land is not proposed to be acquired for 4-laning.	Not required	

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	(iii) Where the widening plan for 4-laning is not yet decided and available ROW is around 30m or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5m to 2 m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans.	4-laning has been completed.	
	(iv) Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in currying through hilly, rolling terrain) the cable shall be laid clear of the drain.	Plain terrain (Edge of ROW)	
	(v) Where land strip for utility corridor cannot be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.	available	
1.18	Number of applicants of the same stretch.	Single applicant	
1.19	Whether the case of multiple licenses.	Single	
1.20	If so furnish a joint implement programmer to lay their respective ducts within stipulated time frame.	No	
1.21	If crossing of the road involved If yes, it shall only be through trench less technology	Yes, it shall only be through HDD method	
2.	Document/drawing enclosed with the proposal.		
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.65m deep x0.5m wide)	Shown in drawing	
2.2	Cross section showing the size of pit location of pipe line for HDD method	NA	
2.3	Strip plan / Route Plan showing the OFC/ pipe line, chainage, width of ROW, important mile stone,	Shown in drawing	

  
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	intersections, cross drainage works etc.		
2.4	Mythology of laying of HT cable	enclosed	
2.4.1	Open trenching method. If, yes, methodology of refilling of trench.	Trench less	
2.4.2	Horizontal Directional Drilling (HDD) method	Yes, through HDD	
2.4.3	Laying OFC/ HT cable through CD works and method of laying (Whether to be hung outside parapet)	NA	
3.	Draft license agreement signed by two witnesses	Yes	
4.	Performance Bank Guarantee		
5.	<b>Affidavit/ Undertaking/ from the Applicant for</b>		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes, enclosed	
5.2	Renewal of Bank Guarantee.	NA	
5.3	Confirmation all standard condition of NHAI guidelines.	Yes, enclosed	
5.4	Shifting of water pipe line as and when required by NHAI.	Yes, enclosed	
5.5	Shifting due to 6-laning / widening of NH.	Yes, enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes, enclosed	
5.7	Traffic movement during laying of water pipe line to be managed by the applicant	Yes, enclosed	
5.8	If any claim is raised by the Concessionaries then the same has to be paid by the applicant.	Yes, enclosed	
5.9	Certificate for 6-laning from the applicant in following format.  "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six-laning or any other development."	Yes, enclosed	

  
 Manager Technical  
 NHAI, P.O. Rudrapur  
 NHAI, Rudrapur

  
 Joint Secretary  
 NHAI, P.O. Rudrapur  
 NHAI, Rudrapur


6.	Affidavit /Power of Attorney in favor of authorized signatory.	Affidavit enclosed	
7.	Copy of DOT license	No, HT cable	State Govt. project
8.	Certificate from the Executive Engineer	Yes, enclosed	
8.1	Certificate from confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/27/2005/S&R(R)(Pt.) dated 7/8/2013 & dated 22.11.2016	Yes	
8.2	Certificate for 4-laning from PD in the following format	Already 4-lane	
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed 6-laning base on the feasibility report considering proposed structure at the said location. (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodate proposed 6-laning".	NA  NA	
9	As per guidelines license fee shall be charged.	Department will pay fee after issuing demand note	
10	If NH section proposed to be taken up NHAI on BOT basis –a clause in para 17 to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right of way to the concessionaire under the concession agreement for up-gradation of [... Section From Km.....to km of NHAI No..... on Build, Operate and Transfer Basis]	NA	
11	Who will supervise the work of laying of HT cable	Office of the Executive Engineer, Electricity Distribution Division Bilaspur, PVVNL, Rampur.	
12	Who will ensure that the defects in road portion after lay of water pipe	Office of the Executive Engineer, Electricity	


  
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	line are corrected and if not corrected then what action will be taken.	Distribution Division- Bilaspur, PVVNL, Rampur.	
13	Who will pay the claims for damages' done/disruption in working of concessionaire if asked by the Concessionaire.	Office of the Executive Engineer, Electricity Distribution Division Bilaspur, PVVNL, Rampur.	
14	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed Performa (copy enclosed) issued vide Ministry Circular RW/NH-33044/29/2015/S&R(R)(Pt.) Dated 22/11/2016	Yes	
15	If any previous approval is accorded for after lay of HT cable then photocopy if register of records of permissions accorded as maintained by PD (as per Ministry Circular RW/NH-33044/29/2015/S&R(R)(Pt.) Dated 22/11/2016) as referred in para 13 above is enclosed or not.	NA	

  
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 Project Director  
 भा.रा.रा.प्रा., प.का.ई.-रुद्रपुर  
 N.H.A.I PIU-Rudrapur



## CROSS SECTION DRAWING

Diagram illustrating the cross-section of the road showing the cable installation details. The diagram includes the following components and dimensions:

- TOP OF THE ROAD**: The top surface of the road.
- TOP OF SUBGRAD**: The top surface of the subgrade.
- OVER FILL (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)**: The top layer of granular material above the cable.
- 11KV XLPE CABLE**: The main power cable.
- 15CM SIDE FILL**: The side fill material around the cable.
- 1.65M (MIN.)**: The minimum width of the trench.
- 200MM DIA CASING PIPE**: The casing pipe for the cable.
- 15CM SIDE FILL BED FILL**: The side fill material at the bottom of the trench.
- 30 CM**: The depth of the trench.
- (GRANULAR MATERIAL FREE FROM LUMPS, COLDS AND CABLES)**: The material in the trench must be free from lumps, colds, and cables.

CROSS SECTION FOR CROSSING THE ROAD

HDD = HORIZONTAL DIRECTIONAL DRILLING

SECTION AT 'B' - 'B'

11KV, 3X185 SQ.MM, XLPE INSULATED CABLE, CROSSING BY HDD METHOD

ROW

CENTRE LINE

NH-734

NH-59.2M TO 60.5 M

29.2M TO 30M

29.5M TO 31M

ROW

MEDIAN

CARRIAGEWAY

CARRIAGEWAY

11KV, 3X185 SQ.MM, XLPE INSULATED CABLE, CROSSING BY HDD METHOD

min 1.20m

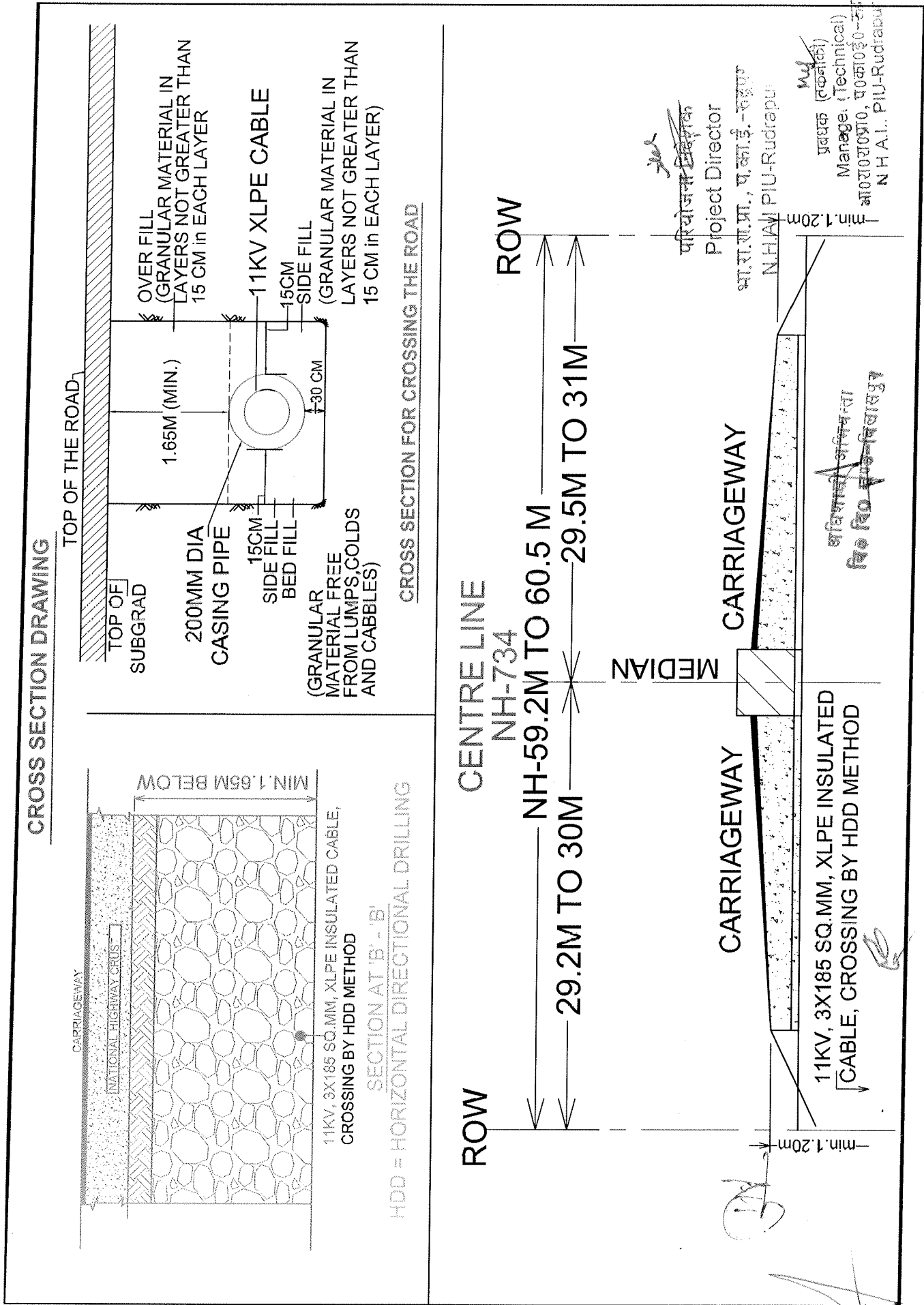
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परियोजना प्रबंधक  
Project Director

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min 1.20m

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N.H.A.I. PIU-Rudrapur



## CROSS SECTION DRAWING

Diagram illustrating the cross-section of the road and the cable installation details:

- TOP OF THE ROAD**
- TOP OF SUBGRAD**
- OVER FILL (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)**
- 1.65M (MIN.)**
- 200MM DIA CASING PIPE**
- 15CM SIDE FILL**
- 15CM SIDE FILL**
- 11KV XLPE CABLE**
- 30 CM**
- (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)**
- (GRANULAR MATERIAL FREE FROM LUMPS, COLDS AND CABLES)**

CROSS SECTION FOR CROSSING THE ROAD

HDD = HORIZONTAL DIRECTIONAL DRILLING

SECTION AT 'B' - 'B'

11KV, 3X185 SQ.MM, XLPE INSULATED CABLE, CROSSING BY HDD METHOD

ROW

CENTRE LINE

NH-734

NH-59.2M TO 60.5 M

29.2M TO 30M

29.5M TO 31M

ROW

MEDIAN

CARRIAGEWAY

CARRIAGEWAY

11KV, 3X185 SQ.MM, XLPE INSULATED CABLE, CROSSING BY HDD METHOD

min 1.20m

अविनाश जीवित रा  
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परियोजना अधिकारी  
Project Director

भारत रा. रा. प्र., प. का. ई. - रुद्रपुर  
N.H.A.I. PIU-Rudrapur

min 1.20m

प्रबंधक (तकनीकी)  
Manage. (Technical)  
आ. रा. रा. प्र., प. का. ई. - रुद्रपुर  
N.H.A.I. PIU-Rudrapur

## CROSS SECTION DRAWING

Diagram illustrating the cross-section of the road and cable installation. The diagram shows the road surface, subgrade, and the cable installation details. Key dimensions and components include:

- TOP OF THE ROAD**
- TOP OF SUBGRAD**
- OVER FILL (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)**
- 1.65M (MIN.)**
- 200MM DIA CASING PIPE**
- 15CM SIDE FILL**
- 15CM SIDE FILL**
- 11KV XLPE CABLE**
- 30 CM**
- (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)**
- (GRANULAR MATERIAL FREE FROM LUMPS, COLDS AND CABLES)**

CROSS SECTION FOR CROSSING THE ROAD

ROW

CENTRE LINE

NH-734

NH-59.2M TO 60.5 M

29.2M TO 30M

29.5M TO 31M

ROW

MEDIAN

CARRIAGEWAY

CARRIAGEWAY

11KV, 3X185 SQ.MM, XLPE INSULATED CABLE, CROSSING BY HDD METHOD

min 1.20m

परियोजना अधिकारी  
Project Director

भारत.रा.प्र., प.का.ई. - रुद्रपुर  
N.H.A.I. PIU-Rudrapur

अभिषेक अभियंता  
वि. वि. रुद्रपुर-बिलासपुर

प्रबंधक (तकनीकी)  
Manage. (Technical)  
आ.रा.प्र.प.का.ई. - रुद्रपुर  
N.H.A.I. PIU-Rudrapur

[illegible]

## CROSS SECTION DRAWING

Diagram showing the cross-section of the road and cable installation. The road surface is labeled 'TOP OF THE ROAD'. Below it is the 'TOP OF SUBGRAD'. The cable is labeled '11KV XLPE CABLE' and is surrounded by 'OVER FILL (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)'. The cable is placed in a '200MM DIA CASING PIPE' which is surrounded by '15CM SIDE FILL' and '15CM BED FILL'. The total width of the casing pipe is '1.65M (MIN.)'. The cable is surrounded by '30 CM' of material. The material is labeled '(GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)'. The material is also labeled '(GRANULAR MATERIAL FREE FROM LUMPS, COLDS AND CABLES)'.

CROSS SECTION FOR CROSSING THE ROAD

ROW

CENTRE LINE

NH-734

NH-59.2M TO 60.5 M

29.2M TO 30M

29.5M TO 31M

ROW

MEDIAN

CARRIAGEWAY

CARRIAGEWAY

11KV, 3X185 SQ.MM, XLPE INSULATED  
CABLE, CROSSING BY HDD METHOD

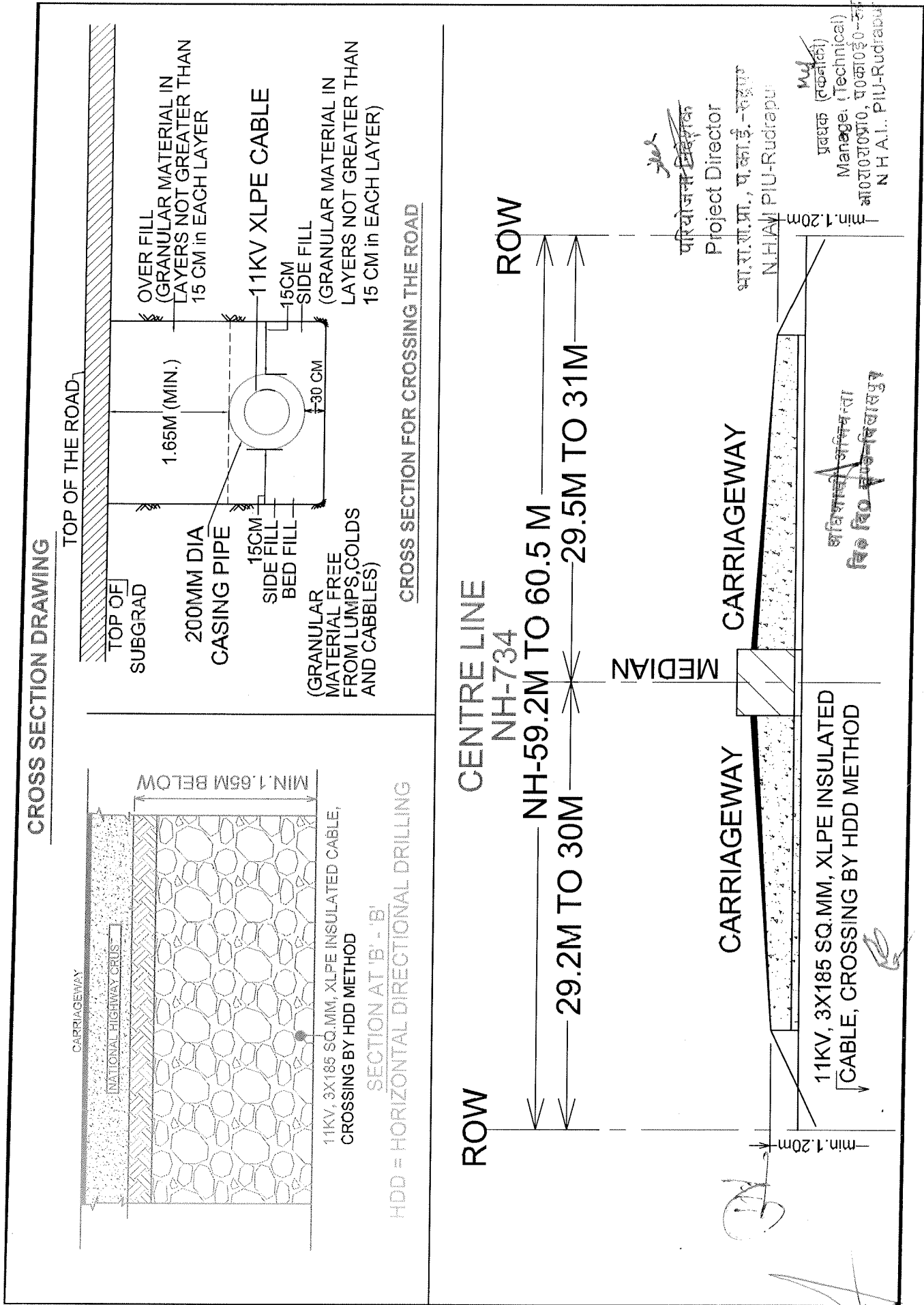
min 1.20m

परियोजना अधिकारी  
Project Director

भारत.रा.प्र., प.का.ई. - रुद्रपुर  
N.H.A.I. PIU-Rudrapur

अभिषेक अग्रवाल  
वि. वि. रुद्रपुर

प्रबंधक (तकनीकी)  
Manage. (Technical)  
आ.रा.प्र.प.का.ई. - रुद्रपुर  
N.H.A.I. PIU-Rudrapur



## CROSS SECTION DRAWING

Diagram illustrating the cross-section of the road and the cable installation details:

- TOP OF THE ROAD**
- TOP OF SUBGRAD**
- OVER FILL (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)**
- 1.65M (MIN.)**
- 200MM DIA CASING PIPE**
- 15CM SIDE FILL**
- 15CM SIDE FILL**
- 30 CM**
- 11KV XLPE CABLE**
- (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)**
- (GRANULAR MATERIAL FREE FROM LUMPS, COLDS AND CABLES)**

CROSS SECTION FOR CROSSING THE ROAD

HDD = HORIZONTAL DIRECTIONAL DRILLING

SECTION AT 'B' - 'B'

11KV, 3X185 SQ.MM, XLPE INSULATED CABLE, CROSSING BY HDD METHOD

ROW

CENTRE LINE

NH-734

NH-59.2M TO 60.5 M

29.2M TO 30M

29.5M TO 31M

ROW

MEDIAN

CARRIAGEWAY

CARRIAGEWAY

11KV, 3X185 SQ.MM, XLPE INSULATED CABLE, CROSSING BY HDD METHOD

min 1.20m

अभिषेक अभियंता  
वि० वि० इंजिनियरिंग

परियोजना प्रबंधक  
Project Director

भारत.रा.प्र., प.का.ई. - रुद्रपुर  
N.H.A.I. PIU-Rudrapur

min 1.20m

प्रबंधक (तकनीकी)  
Manage. (Technical)  
आ.रा.प्र.प.का.ई. - रुद्रपुर  
N.H.A.I. PIU-Rudrapur

## CROSS SECTION DRAWING

Diagram illustrating the cross-section of the road and the cable installation details:

- TOP OF THE ROAD**
- TOP OF SUBGRAD**
- OVER FILL (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)**
- 1.65M (MIN.)**
- 200MM DIA CASING PIPE**
- 15CM SIDE FILL**
- 15CM SIDE FILL**
- 30 CM**
- 11KV XLPE CABLE**
- (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)**
- (GRANULAR MATERIAL FREE FROM LUMPS, COLDS AND CABLES)**

CROSS SECTION FOR CROSSING THE ROAD

HDD = HORIZONTAL DIRECTIONAL DRILLING

SECTION AT 'B' - 'B'

11KV, 3X185 SQ.MM, XLPE INSULATED CABLE, CROSSING BY HDD METHOD

ROW

CENTRE LINE

NH-734

NH-59.2M TO 60.5 M

29.2M TO 30M

29.5M TO 31M

ROW

MEDIAN

CARRIAGEWAY

CARRIAGEWAY

11KV, 3X185 SQ.MM, XLPE INSULATED CABLE, CROSSING BY HDD METHOD

min 1.20m

अविभाजित जमिन रा  
वि० वि० एन० बि० रा०

परियोजना अधिकारी  
Project Director

भारत.रा.रा.प्र., प.का.ई. - रुद्रपुर  
N.H.A.I. PIU-Rudrapur

min 1.20m

प्रबंधक (तकनीकी)  
Manage. (Technical)  
आ०रा०रा०प्र०, प०का०ई०-रुद्रपुर  
N.H.A.I. PIU-Rudrapur

**CROSS SECTION DRAWING**

TOP OF THE ROAD

TOP OF SUBGRAD

OVER FILL (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)

SIDE FILL (GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM in EACH LAYER)

11KV XLPE CABLE

200MM DIA CASING PIPE

15CM SIDE FILL

15CM BED FILL

1.65M (MIN.)

(GRANULAR MATERIAL FREE FROM LUMPS, COLDS AND CABBLES)

HDD = HORIZONTAL DIRECTIONAL DRILLING

SECTION AT 'B' - 'B'

CROSSING BY HDD METHOD

11KV, 3X185 SQ.MM, XLPE INSULATED CABLE, CROSSING BY HDD METHOD

NATIONAL HIGHWAY CRUS

CARRIAGEWAY

CARRIAGEWAY

CARRIAGEWAY

MEDIAN

ROW

CENTRE LINE NH-734

NH-59.2M TO 60.5 M

29.2M TO 30M

29.5M TO 31M

ROW

11KV, 3X185 SQ.MM, XLPE INSULATED CABLE, CROSSING BY HDD METHOD

min 1.20m

भारतीय राष्ट्रीय राजमार्ग विभाग का प्रमुख कार्यालय दिल्ली में स्थित है।

प्रमुख (तकनीकी) Manager (Technical) भारतीय राष्ट्रीय राजमार्ग, पंजाब ई-रजिस्ट्रार N.H.A.I. PIU-Rudrapur

परियोजना निदेशक Project Director भारतीय राष्ट्रीय राजमार्ग, पंजाब ई-रजिस्ट्रार N.H.A.I. PIU-Rudrapur

Power House  
132/33 KV

FEEDER-ANWARIYA- KANTH  
S/S-BILASPUR RURAL

VILLAGE-KUA KHEDA

GPS - 28.875558  
79.227259

CH-25+300

NAVEEN MANDI GATE

VILLAGE-KOTAALI NAGAR

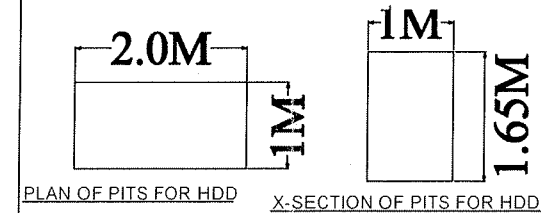
Power House  
132/33 KV

FEEDER-MANGATPUR  
S/S-ASHOK NAGAR

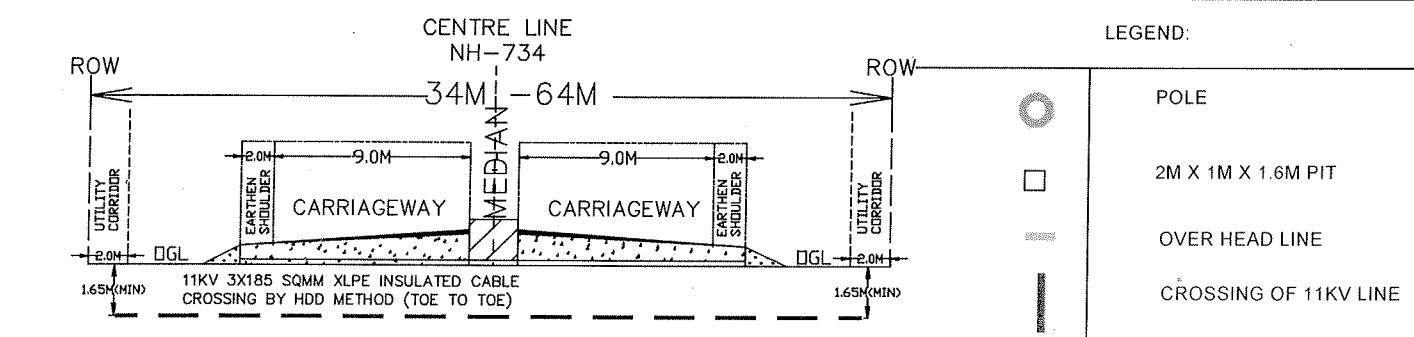
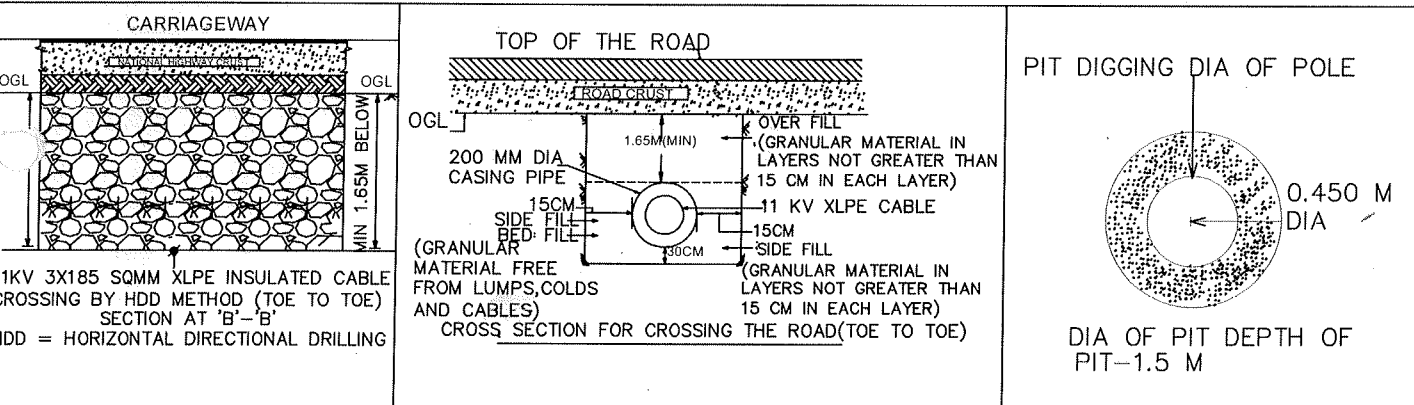
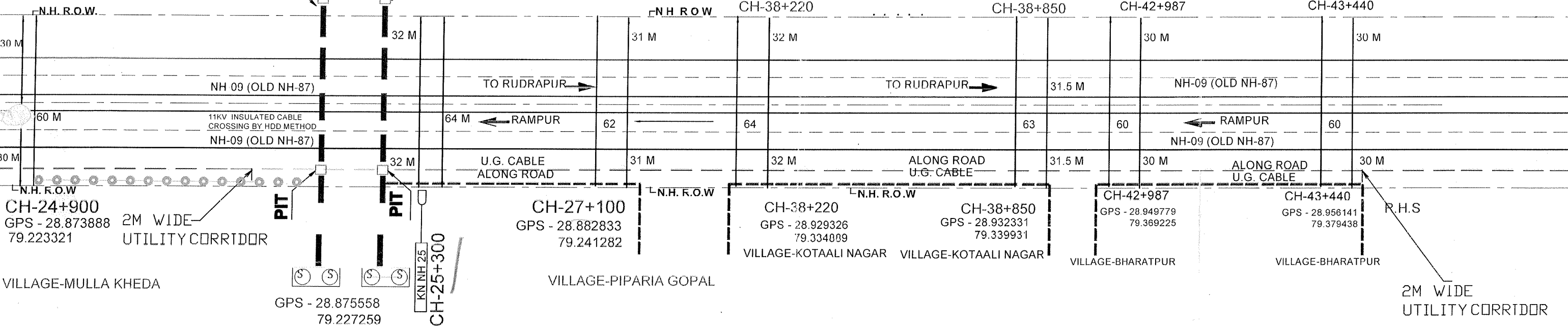
Power House  
132/33 KV

FEEDER-VIDUA NAGLA & KARTARPUR  
S/S-RUDRAPUR BORDER

VILLAGE-BHARATPUR



NOTES-  
1.DRAWING HAS BEEN PREPARED AS PER  
MORT&H GUIDLINES /CIRCULAR NO.  
RW/NH-3304/29/2015/S&R (R) DATED 11-NOV-2016  
2.THE UTILITY SERVICES SHALL BE LOCATE,  
BEYOND THE TOE LINE OF THE EMBANKMENT  
AND DRAIN,AS CLOSE TO THE EXTREME EDGE  
OF THE ROW AS POSSIBLE  
3.THE TOP OF THE UTILITY SERVICES SHALL  
BE AT LEAST 0.6M BELOW THE GROUND LEVEL.



STRIP PLAN OF U/G CROSSING 11KV, 3X185  
SQMM, XLPE INSULATED CABLE BY HDD  
METHOD THE NATIONAL HIGHWAY SHOWING  
DETAILS OF RIGHT OF WAY (ROW).

APPLICANT  
OFFICE OF THE EXECUTIVE ENGINEER  
ELECTRICITY DISTRIBUTION DIVISION  
BILASPUR.RAMPUR(UTTAR PRADESH)

LOCATION:-  
STRIP PLAN, SECTION OF LAYING OF ALONG  
ROAD 11KV CONDUCTOR FROM KM. 24+900  
TO 25+300 & 11KV 3X185 Sqmm XLPE INSULATED  
CABLE FROM KM.25+300 TO 27+100,KM.38+220  
TO KM.38+850 & KM.42+987 TO KM.43+440  
RHS CROSSING BY HDD METHOD & RHS TO  
LHS CROSSING BY HDD METHOD  
AT KM.25+300 ON NH-9 (OLD NH-87) RAMPUR-  
RUDRAPUR SECTION AT BILASPUR DISTRICT  
RAMPUR IN THE STATE OF UTTAR PRADESH

EXECUTIVE ENGINEER  
ELECTRICITY DISTRIBUTION DIVISION  
BILASPUR.RAMPUR

परियोजना निदेशक  
Project Director  
भारत रा. प्रा., प. का. ई. - रुद्रपुर  
N.H.A.I PIU-Rudrapur  
प्रबंधक (तकनीकी)  
Manage. (Technical)  
भारत रा. प्रा., प. का. ई. - रुद्रपुर  
N.H.A.I. PIU-Rudrapur

बिलासपुर जलपद रामपुर

Power House  
132/33 KV

FEEDER-ANWARIYA- KANTH  
S/S-BILASPUR RURAL

VILLAGE-KUA KHEDA

GPS - 28.875558  
79.227259

VILLAGE-KOTAALI NAGAR

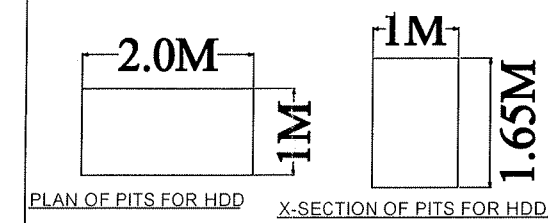
Power House  
132/33 KV

FEEDER-MANGATPUR  
S/S-ASHOK NAGAR

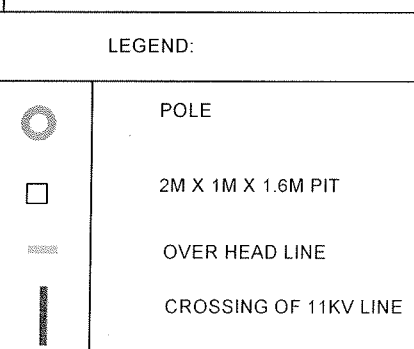
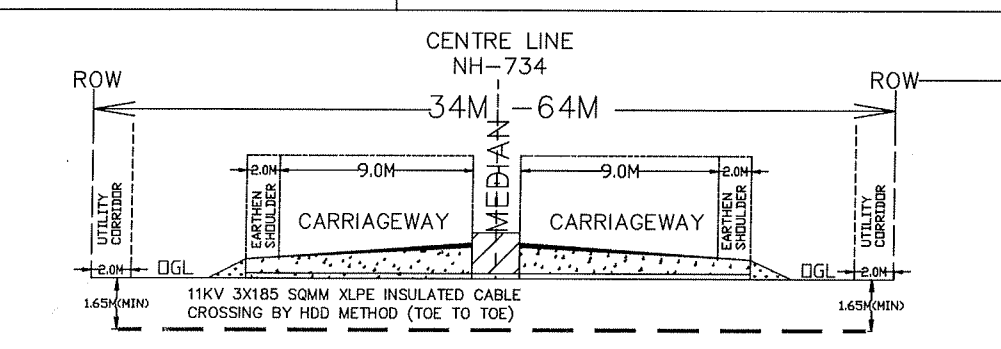
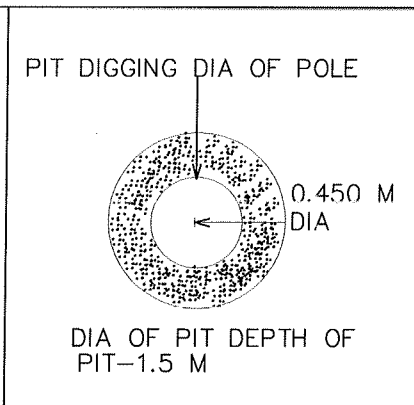
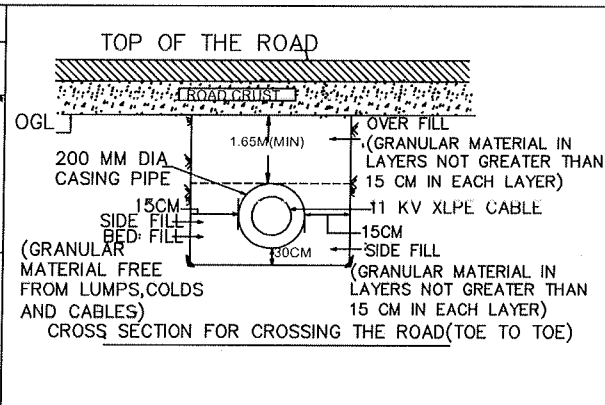
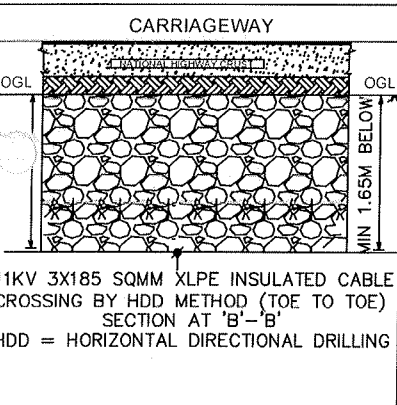
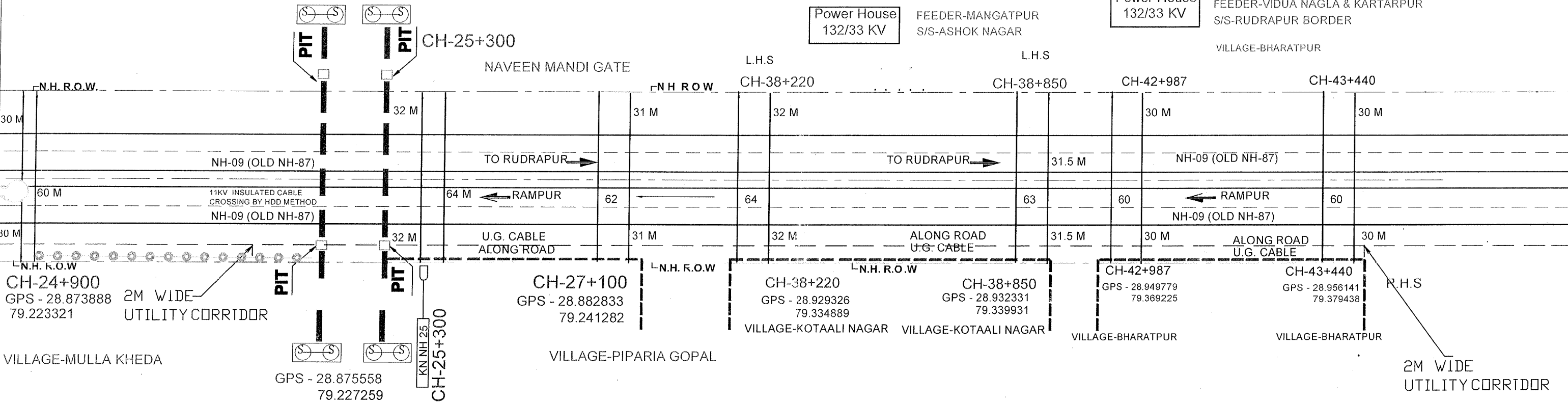
Power House  
132/33 KV

FEEDER-VIDUA NAGLA & KARTARPUR  
S/S-RUDRAPUR BORDER

VILLAGE-BHARATPUR



NOTES:-  
1.DRAWING HAS BEEN PREPARED AS PER  
MORT&H GUIDLINES /CIRCULAR NO.  
RW/NH-3304/29/2015/S&R (R) DATED 11-NOV-2016  
2.THE UTILITY SERVICES SHALL BE LOCATE,  
BEYOND THE TOE LINE OF THE EMBANKMENT  
AND DRAIN,AS CLOSE TO THE EXTREME EDGE  
OF THE ROW AS POSSIBLE  
3.THE TOP OF THE UTILITY SERVICES SHALL  
BE LEAST 0.6M BELOW THE GROUND LEVEL.



STRIP PLAN OF U/G CROSSING 11KV, 3X185  
SQMM, XLPE INSULATED CABLE BY HDD  
METHOD THE NATIONAL HIGHWAY SHOWING  
DETAILS OF RIGHT OF WAY (ROW).

परियोजना निदेशक  
Project Director  
भा.रा.रा.प्रा., प.का.ई.-रुद्रपुर  
N.H.A.I PIU-Rudrapur

प्रबंधक (तकनीकी)  
Manage. (Technical)  
भा.रा.रा.प्रा., प.का.ई.-रुद्रपुर  
N.H.A.I. PIU-Rudrapur

APPLICANT  
OFFICE OF THE EXECUTIVE ENGINEER  
ELECTRICITY DISTRIBUTION DIVISION  
BILASPUR.RAMPUR(UTTAR PRADESH)

LOCATION:-  
STRIP PLAN, SECTION OF LAYING OF ALONG  
ROAD 11KV CONDUCTOR FROM KM. 24+900  
TO 25+300 & 11KV 3X185 Sqmm XLPE INSULATED  
CABLE FROM KM.25+300 TO 27+100,KM.38+220  
TO KM.38+850 & KM.42+987 TO KM.43+440  
RHS CROSSING BY HDD METHOD & RHS TO  
LHS CROSSING BY HDD METHOD  
AT KM.25+300 ON NH-9 (OLD NH-87) RAMPUR-  
RUDRAPUR SECTION AT BILASPUR DISTRICT  
RAMPUR IN THE STATE OF UTTAR PRADESH

EXECUTIVE ENGINEER  
ELECTRICITY DISTRIBUTION DIVISION  
BILASPUR RAMPUR

बिलासपुर जनपद रामपुर

Power House  
132/33 KV

FEEDER-ANWARIYA- KANTH  
S/S-BILASPUR RURAL

VILLAGE-KUA KHEDA

GPS - 28.875558  
79.227259

VILLAGE-KOTAALI NAGAR

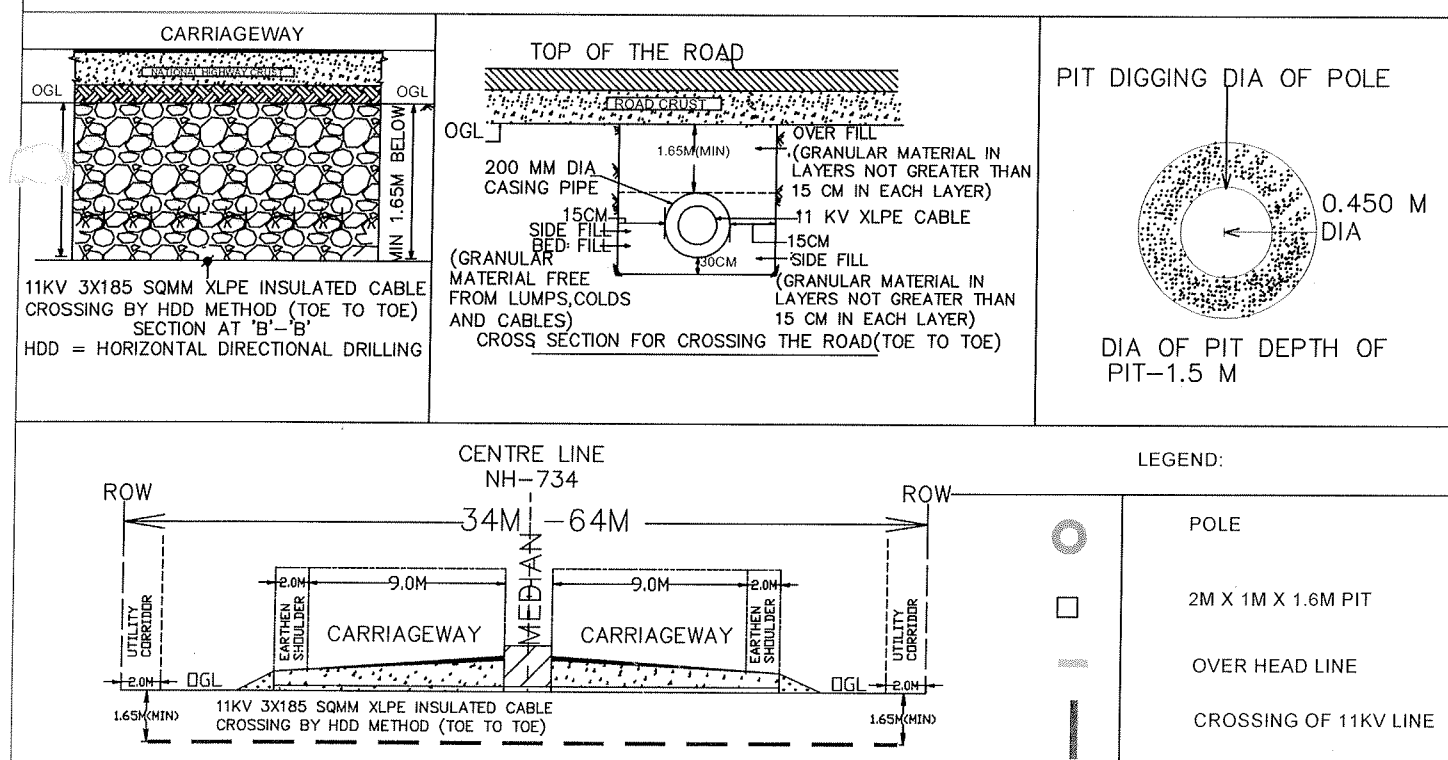
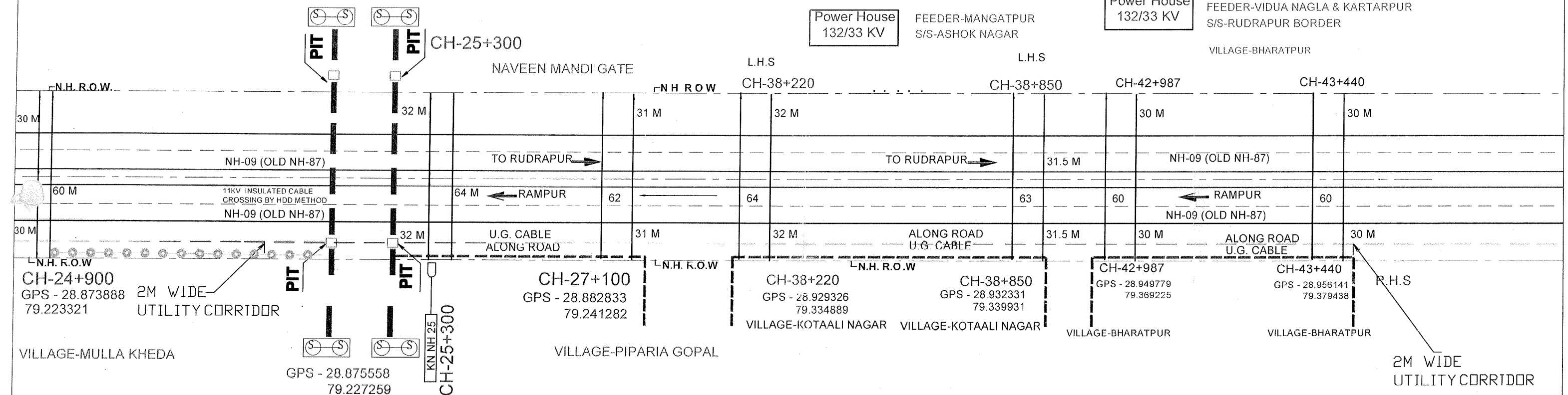
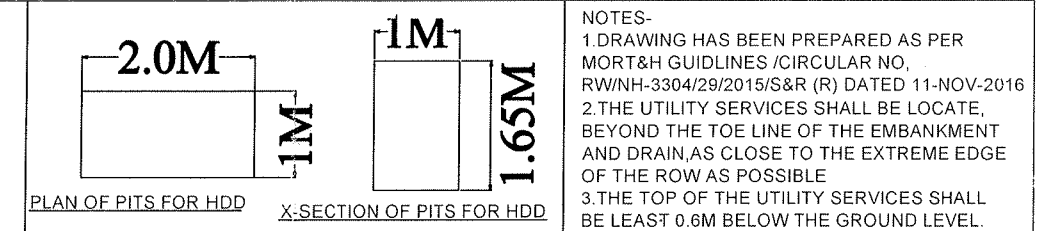
Power House  
132/33 KV

FEEDER-MANGATPUR  
S/S-ASHOK NAGAR

Power House  
132/33 KV

FEEDER-VIDUA NAGLA & KARTARPUR  
S/S-RUDRAPUR BORDER

VILLAGE-BHARATPUR



STRIP PLAN OF U/G CROSSING 11KV, 3X185 SQMM, XLPE INSULATED CABLE BY HDD METHOD THE NATIONAL HIGHWAY SHOWING DETAILS OF RIGHT OF WAY (ROW).

APPLICANT  
OFFICE OF THE EXECUTIVE ENGINEER  
ELECTRICITY DISTRIBUTION DIVISION  
BILASPUR.RAMPUR(UTTAR PRADESH)

### LOCATION:-

STRIP PLAN, SECTION OF LAYING OF ALONG ROAD 11KV CONDUCTOR FROM KM. 24+900 TO 25+300 & 11KV 3X185 Sqmm XLPE INSULATED CABLE FROM KM.25+300 TO 27+100,KM.38+220 TO KM.38+850 & KM.42+987 TO KM.43+440  
RHS CROSSING BY HDD METHOD & RHS TO LHS CROSSING BY HDD METHOD  
AT KM.25+300 ON NH-9 (OLD NH-87) RAMPUR-RUDRAPUR SECTION AT BILASPUR DISTRICT, RAMPUR IN THE STATE OF UTTAR PRADESH

EXECUTIVE ENGINEER  
ELECTRICITY DISTRIBUTION DIVISION  
BILASPUR RAMPUR

परियोजना निदेशक  
Project Director  
भा.रा.रा.प्रा., प.का.ई.-रुद्रपुर  
N.H.A.I PIU-Rudrapur

प्रबंधक (तकनीकी)  
Manage. (Technical)  
भा.रा.रा.प्रा., प.का.ई.-रुद्रपुर  
N.H.A.I. PIU-Rudrapur

बिलासपुर जन्मद रामपुर