



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./छिंदवाडा/2025/54725

दिनांक 08.07.2025

Invitation of Public Comments/ सार्वजनिक टिप्पणियों का आमंत्रण

विषय: मध्य प्रदेश राज्य में एनएच-547 पर 11 केवी भूमिगत 95 एमएम विद्युत केबल क्रॉसिंग की 05 संख्या के लिए अनुमति के प्रस्ताव का अनुरोध।

संदर्भ: परियोजना निदेशक-छिंदवाडा का ई- फाईल नं. 286333.

1. परियोजना निदेशक, पीआईयू-छिंदवाडा, भाराराप्रा द्वारा ई-ऑफिस क्रमांक 286333 के माध्यम से मध्य प्रदेश राज्य में एनएच-547 पर 11 केवी भूमिगत 95 एमएम विद्युत केबल क्रॉसिंग की 05 संख्या के लिए प्रस्ताव प्रस्तुत किया है।
2. PD, PIU-Chhindwara, NHAI vide e-office no. 286333 has submitted the proposal for Permission for 05 nos. of 11 KV Underground 95MM electric cable crossing at NH-547 crossing on Saoner-Chhindwara Road under RDSS Feeder separation scheme under Saoner Division, Tehsil-Saoner & District-Nagpur, in the State of Maharashtra.
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 08.08.2025 तक) सार्वजनिक पोर्टल (यानी MoRT&H 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:

- 1 - 18

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 08.08.2025) 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।

18/08/2025  
(इंजी. विनाक्षी डाहाट)  
उपमहाप्रबंधक (तक.)

संलग्नः उपरोक्तानुसार।

प्रतिलिपि:

- वेब एडमिन, भा.रा.रा.प्रा., मुख्यालय, नईदिल्ली की ओर सर्वजनिक टिप्पणियों के लिए भा.रा.रा.प्रा. की वेबसाइट पर अपलोड करने के अनुरोध के साथ।
- वरिष्ठ तकनीकी निदेशक, एनआईसी, परिवहन भवन, नईदिल्ली की ओर सार्वजनिक टिप्पणियों के लिए सड़क परिवहन की वेबसाइट पर अपलोड करने के अनुरोध के साथ।
- परियोजना निदेशक, पकाई-छिंदवाडा (म.प्र.) की ओर सूचनार्थ प्रेषित।
- महाराष्ट्र, स्टेट इलेक्ट्रिसिटी डिस्ट्रीब्यूशन कंपनी लिमिटेड, संभाग कार्यालय, सावनेर, नागपुर की ओर सूचनार्थ प्रेषित।

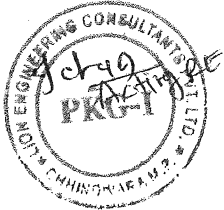
**CHECK- LIST**

Guidelines for processing the proposal for laying of Utility line in the land along National Highways vested with NHAI/PWD/BRO.

**General Information**

- |                                                                                      |                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Name and Address of the Applicant/Agency                                          | : Executive Engineer,<br>O & M Division, M.S.E.D.C.L, Saoner.                                                                                                                                 |
| 2. National Highway No.                                                              | : NH-547                                                                                                                                                                                      |
| 3. State                                                                             | : MAHARASHTRA                                                                                                                                                                                 |
| 4. Location                                                                          | : 1. At KM 2+650 Near Khurajgaon Village<br>2. At KM 3+900 Near Mangasa Phata.<br>3. At KM 7+950 Near Ubika Dhaba<br>4. AT KM 8+800 Near Kelwad Village<br>5. AT 11+350 Near Jaitgarh Village |
| 5. Chainage in km                                                                    | : 1. At KM 2+650<br>2. At KM 3+900<br>3. At KM 7+950<br>4. AT KM 8+800<br>5. AT KM 11+350                                                                                                     |
| 6. Length in m                                                                       | : 32 / 30 MTR                                                                                                                                                                                 |
| 7. Width of available ROW in both side                                               | : 32 / 30 MTR                                                                                                                                                                                 |
| 8. Side of NH<br>(left or right side of NH towards increasing chainage/Km direction) | : 16 /15 MTR                                                                                                                                                                                  |
| 9. Name of Highway Authority of NHAI/PWD/BRO                                         | : NHAI                                                                                                                                                                                        |
| 10. Highway Administration address                                                   | : NHAI Chhindwara                                                                                                                                                                             |

*Vishal*  
A.H.M.E



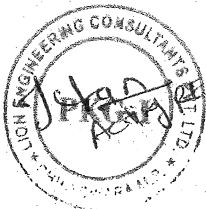
*[Signature]*  
Executive Engineer  
M.S.E.D.C.L  
Saoner Division

*[Signature]*  
प्रबंधक (तकनीकी)  
भा.रा.रा.पा. प.क्रि.ई.,  
छिन्दवाड़ा (म.प्र.)

*[Signature]*  
परियोजना निदेशक  
भा.रा.रा.पा. प.क्रि.ई.  
छिन्दवाड़ा (म.प्र.)

S.No	Item	Measurement. Observations as per site conditions	MORTH Norms	Whether complying with MORTH Norms
1	Details of already laid utility service, if any			
2	Whether up gradation of the stretch in near future is proposed or not			
	(a) If yes, provision of utility adversely affect the plan of up-gradation		Not affect plan of up-gradation	
3	<b>Laying of the utility service along the National Highways.</b>			
3.1.	Location of proposed utility service along the stretch		Utility Duct/ beyond the toe line of the embankment and drains, and close to the extreme edge of the RoW.	
3.2	Depth of top of utility service from ground level	1.2 mtr	0.6 meter	
3.3	Mechanism for crossing water channel		Through utility duct(if provision exists) or beneath the bed of water channel	
3.4	Whether ROW is restricted in this stretch?			
3.4.1	If yes, whether provision of land acquisition is required to lay utility			
	(a) If yes, whether undertaking for land acquisition along with relevant L.A. details has been furnished			
3.4.2	Width of concrete duct, if utility services are proposed to be laid in concrete ducts		Not less than one lane	
4	<b>Laying of utility services across the NH</b>			
4.1	Whether Existing drainage structures is allowed to carry the utility lines.		Not to be allowed	
4.2	Proposed crossing of utility service		Perpendicular to NH	
4.3	Type of casing pipe/conduit carrying the utility line.	HDPE/G.I.	Steel, cast iron, or reinforced cement concrete and have adequate strength	
4.4	Whether ends of the casing/conduit pipe are sealed from the outside		Sealed	
4.5	Length of casing/conduit pipe crossing NH.	150 mm	Extend from drain to drain in cuts and toe to toe of slope in the fills	
4.6	Depth of top of the casing/conduit pipe.	1.2 Mtr	At least 1.2 m below the top of subgrade	

*Widyal*  
R.H.M.E



*Prakash*  
प्रकाश (निकोनी)  
भा.रा.रा.पा. प.क्र.ई.  
छिन्दवाडा (प.प्र.)

*AJ*  
परियोजना निदेशक  
भा.रा.रा.पा. प.क्र.ई.  
छिन्दवाडा (प.प्र.)

*Prakash*  
Executive Engineer  
M.S.E.D.C.L.  
Saoner Division

4.7	Crossing method in case of CC pavement.	HDD	Only boring method (HDD)	
4.8	Horizontal and vertical clearances in case utilities are allowed overhead,		In accordance with IRC codes.	
5	<b>Document / Drawings enclosed with the proposal</b>			
5.1	Cross-Section showing the size of trench for open trenching method	NA	Enclosed, if applicable	
	(a) Trench width	NA	More than 30 cm and less than 60 Cm wider than the outer diameter of the utility pipe	
	(b) Filling of trench	NA	as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016	
	(c) location of trench	NA	extreme edge of the ROW	
5.2	Cross section showing the size of pit and location of conduit for HDD method	Attached	Enclosed, if applicable	
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, intersections, cross drainage works etc.		Enclosed	
5.4	Plan and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility		Enclosed	
6	Methodology for laying of utility line	Enclosed	Enclosed	
7	Draft License Agreement is as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016 and signed by two witnesses		Enclosed	
8	License fees in Favor of MORTH RPAO Jaipur		As per Ministry vide circular no. RE/NH-33044/29/2015/S&(R) dated 22.11.2016	
9	Whether Bank Guarantee has been obtained		As per Ministry vide circular no. RE/NH-33044/29/2015/S&(R)	

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*P. K. Singh*  
प्रबंधक (तकनीकी)  
भा.रा.रा.पा. प.क्र.ई.,  
छिन्दवाड़ा (म.प्र.)

*AJ*  
परियोजना निदेशक  
भा.रा.रा.पा. प.क्र.ई.  
छिन्दवाड़ा (म.प्र.)

*M.S.E.D.C.L.*  
Executive Engineer  
M.S.E.D.C.L.  
Sagar Division

			dated 22.11.2016	
	(a) If yes, whether Confirmation of BG has been obtained as per MoRTH/NHAI guidelines			
10	<b>Affidavit / Undertaking from the Applicant for</b>			
10.1	Undertaking for not to damage other existing utility, if damaged then to pay the losses to either to MoRTH/NHAI or to the concerned agency.	Enclosed	Enclosed	
10.2	Undertaking for renewal of Bank Guarantees and when asked by NHAI/ MoRTH		Enclosed	
10.3	Undertaking for confirming all standard condition of MoRTH/NHAI guidelines.		Enclosed	
10.4	Undertaking for shifting of utility as and when asked by MoRTH/ NHAI within a month at their own cost.		Enclosed	
10.5	Undertaking for indemnity against all damages and claims.		Enclosed	
10.6	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.		Enclosed	
10.7	Undertaking that If any claim is raised by the Concessionaire/contractor then the same has to be paid by the applicant		Enclosed	
10.8	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration		Enclosed	

The Right of the Way (ROW) of the National Highway available at the proposed location from the center line of divided carriageway is (30)m (from center of ROW to edge of ROW towards proposed utility)

The above particulars along with the drawings and documents have been verified and certified as correct as per prevailing site conditions.

Exexutive Engineer O & M Division,  
MSEDCL, Saoner.

[Name Designation and signature of the authorized representative of applicant]

Mr. Suchin H. Hedoo  
Executive Engg  
MS E O & M Saoner  
A.H.M.E

[Name Designation and signature of concerned field authority of NHAI]

परिचालन विभाग  
प्रमुख (तकनीकी)  
भा.रा.रा.पा. प.क्रि.ई.,  
चिन्दवाड़ा (म.प्र.)

Executive Engineer  
M.S.E.D.C.L.  
Saoner Division



परियोजना निदेशक  
भा.रा.रा.पा. प.क्रि.ई.  
चिन्दवाड़ा (म.प्र.)

NH 547 crossing location

①

Jaitharh vilage crossing

Start Point

Location

21°28'49"N 78°51'49"E

End Point

Location

21°28'49"N 78°51'48"E

②

Kelwad Village Crossing

Start Point

Location

21°27'46"N 78°52'44"E

End Point

Location

21°27'46"N 78°52'44"E

③

Near Ubika Dhaba

Start Point

Location

21°27'46"N 78°52'44"E

End Point

Location

21°27'46"N 78°52'44"E

④

Mangasa Fata Village

Start Point

Location

21°27'10"N 78°53'03"E

End Point

Location

21°27'10"N 78°53'03"E

⑤

Khurajgaon

Start Point

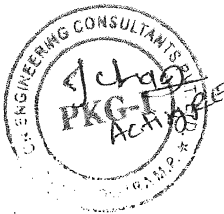
Location

21°24'48"N 78°54'21"E

End Point

Location

21°24'48"N 78°54'21"E

Ujjain  
P.H.M.E

*[Signature]*  
Executive Engineer  
R.S.E.D.O.  
Sector Division

*[Signature]*  
प्रबंधक (तकनीकी)  
भा.रा.रा.पा. प.क्रि.ई.,  
छिन्दवाड़ा (म.प्र.)

*[Signature]*  
परियोजना निदेशक  
भा.रा.रा.पा. प.क्रि.ई.  
छिन्दवाड़ा (म.प्र.)

## Methodology of Laying of Electrical Under Ground Cable (HDD)

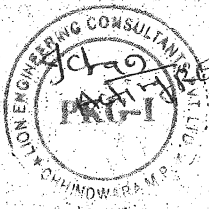
### Trenchless Crossing: HDD Method

Horizontal Directional Drilling (HDD) is a technique for installing product pipes, including utility lines, below ground using a surface mounted drill rig that launches and places a drill string at a shallow angle to the surface and has tracking and steering capabilities. In recent years HDD has been the preferred methodology due to several government policies conducive to infrastructure growth. The dimension of HOPE LG Pipe is 150mm.

A Typical HDD Methodology is shown below:



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Executive Engineer  
M.S.E.D.C.L.  
Sewer Division

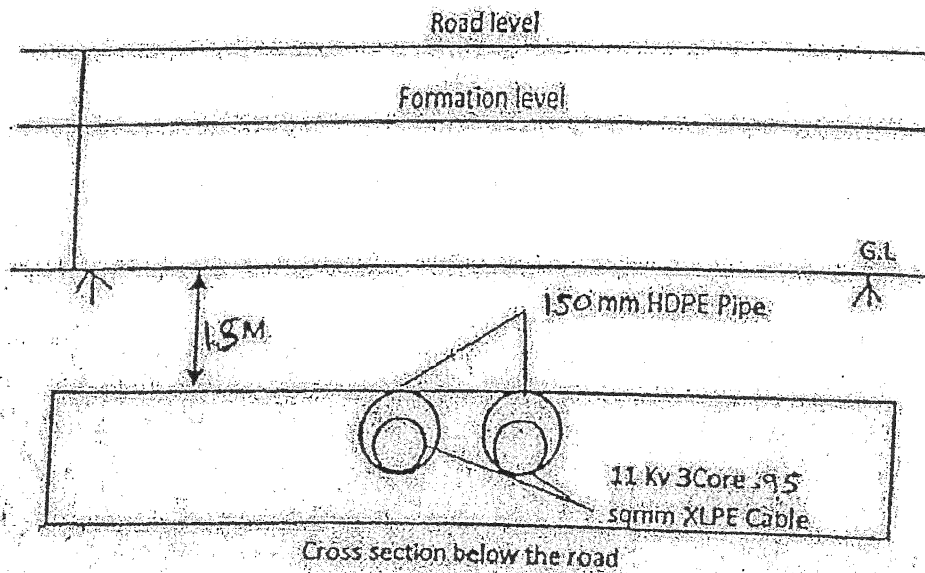
प्रबंधक (तकनीकी)  
भा.रा.न.पा. व.मि.ड.  
छिन्दवाड़ा (म.प्र.)

परियोजना निदेशक  
भा.रा.न.पा. व.मि.ड.  
छिन्दवाड़ा (म.प्र.)



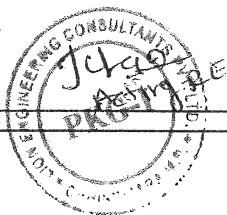


# MSEDCL 11KV Under Ground Crossing by HDD Method



3C \* 95 Sqmm XLPE cable, HDPE Pipe 150 mm

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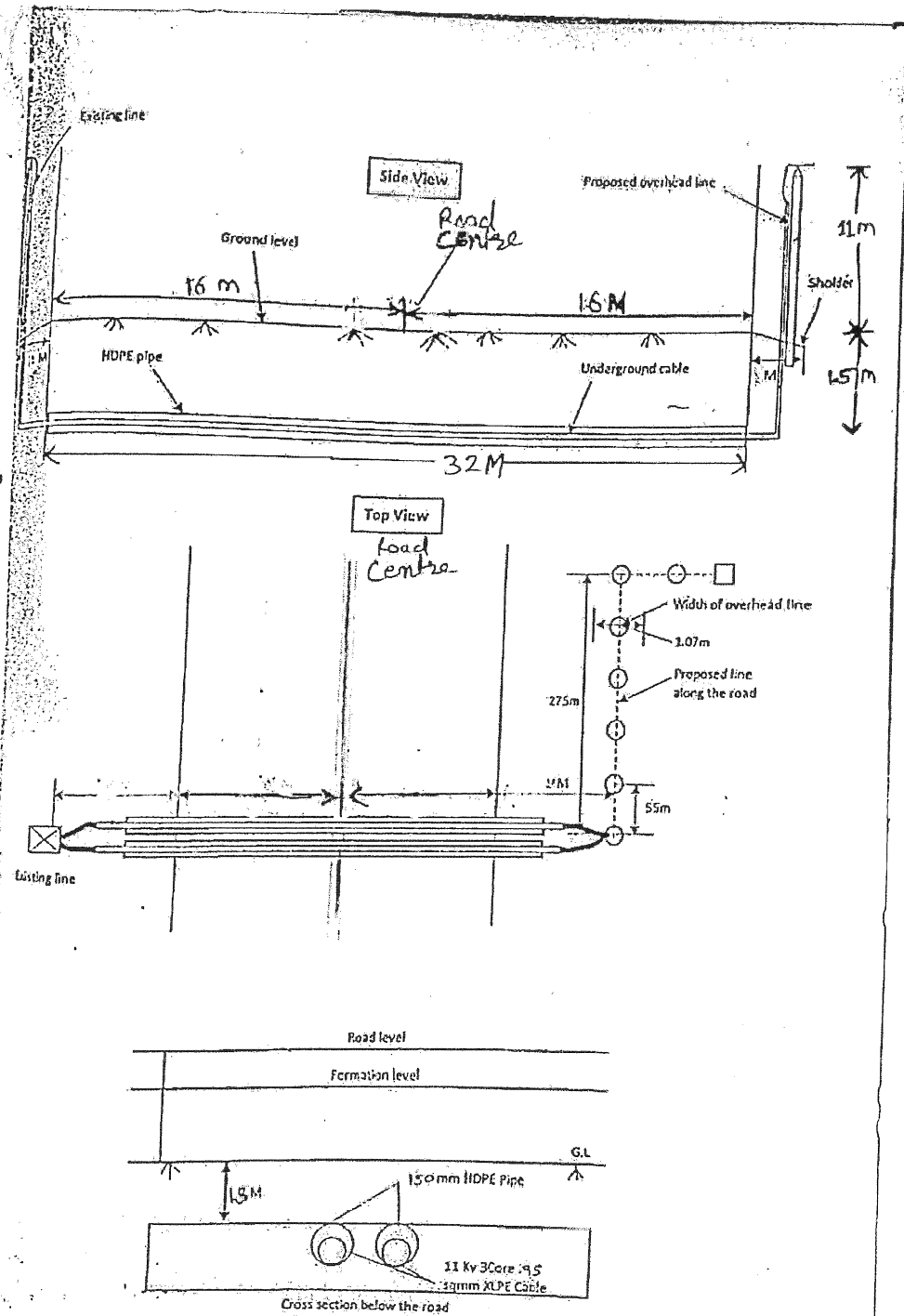


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Saoner Division

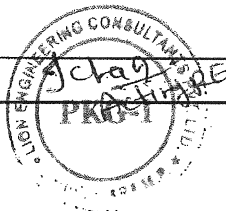
प्रमुख (तकनीकी)  
भा.रा.रा.पा. प.क्रि.ई.,  
छिन्दवाड़ा (म.प्र.)

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छिन्दवाड़ा (म.प्र.)

# MSEDCL 11LV Under Ground crossing at NH 547



Executive Engineer  
M.S.E.D.C.L.  
Saoner Division



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परियोजना निदेशक  
भा.रा.रा.पा. प.क्रि.ई.  
छिन्दवाड़ा (म.प्र.)

Witness  
A. H. H. H.



*[Signature]*  
Executive Engineer  
M.S.E.B.L.  
Sunderbharadwaj

प्रबंधक (तकनीकी)  
भा.रा.रा.पा. प.वि.ई.,  
सिन्धुवाड़ा (म.प्र.)

परिवर्तमान विदेशक  
भा.रा.रा.पा. प.सि.ई.  
हिन्दवादा (न.प.)



# NH 547 Crossing location



① Near Khurjagon Village  
AT km 2+650

② Near mangar Phata  
AT km 3+900

③ Near Ubilca Dhaba  
AT km 7+950

④ Near 'kelwad' Village  
AT km 8+800

⑤ Near Jaitganh  
AT km 11+350



प्रमाणित (तकनीकी)  
भा.स.रा.पा. व.कि.ई.  
चिन्दवाड़ा (व.ई.)

परिचालन निदेशक  
भा.स.रा.पा. व.कि.ई.  
चिन्दवाड़ा (व.ई.)