



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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



क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha  
 ३०१-ए, तीसरी मंजिल, पाल हाइट्स, प्लॉट नं जे/७, जयदेव विहार, भुवनेश्वर-७५१०१३, ओडिशा  
 301-A, 3rd Floor, Pal Heights, Plot No : J7, Jayadev Vihar, Bhubaneswar-751013, Odisha  
 दूरभाष / Ph.: 0674- 2361470/670  
 ई-मेल/ e-mail: roodisha@nhai.org, ronhaiodisha@gmail.com, वेबसाइट / Web : www : www.nhai.gov.in

NHAI/13011/54/RO/OD/ 181 /2026

27.01.2026

To

The Sr. Technical Director,  
 NIC Centre at MoRTH,  
 Transport Bhawan,  
 New Delhi 110001

Sub: Baharagora Singhara section of NH-49: Crossing of water supply pipeline on NH-49 at km. 311+900 (design chainage km. 310+550) at Singada Chowk for the work "Mega PWS to 9 GPs of Raruan Block & 10 GPs of Sukruli Block" under District Mayurbhanj in the state of Odisha -Reg.

Ref: PD, PIU- Chandikhole letter no. 2437 dated 30.12.2026

Sir,

Please find enclosed herewith proposal of Executive Engineer, RWSS Division, Rairangpur for crossing of RWSS pipeline along NH-49 at 310.550 in Mayurbhanj District. The details are as under:

S. No	Chaninage	Along/ Across	Length (Km.)	DI Pipe Dia. (in mm)	Casing Pipe Dia. (In mm)	Remarks
1	310+550	Across	0.045	160	200	Through HDD

2. Accordingly, as per guidelines issued by MoRT&H vide F. No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016, the application along with the recommendations of concerned PD/Consultants are enclosed herewith with request to hoist the same in the Ministry's Website for public comments within 30 days of uploading on the website.

This is issued with the approval of Regional Officer, Odisha.

Yours Sincerely,

*Amit Kumar Gupta*

(Amit Kumar Gupta)  
 Dy. General Manager (Tech)



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

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NHAI/13011/54/RO/OD/ 181 /2026

27.01.2026

### INVITATION OF PUBLIC COMMENTS

**Sub:** Baharagora Singhara section of NH-49: Crossing of water supply pipeline on NH-49 at km. 311+900 (design chainage km. 310+550) at Singada Chowk for the work "Mega PWS to 9 GPs of Raruan Block & 10 GPs of Sukruli Block" under District Mayurbhanj in the state of Odisha -Reg.

The applicant, Executive Engineer, Megalift Projects Div., Baripada has submitted for crossing of RWSS pipeline along NH-49 at 310.550 in Mayurbhanj District. The details are as under:

S. No	Chaninage	Along/ Across	Length (Km.)	DI Pipe Dia. (in mm)	Casing Pipe Dia. (In mm)	Remarks
1	310+550	Across	0.045	160	200	Through HDD

2. As per guidelines issued by MoRT&H vide F No RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the Highway Administration will put out the application in the public domain for 30 days for seeking claims and objections on grounds of public inconvenience, safety and general public interest.

3. In view of the above, the comments of public, if any, on the above-mentioned proposal are invited on below mentioned address:

The Regional Officer,  
National Highways Authority of India,  
Regional Office, Odisha  
301-A, 3rd Floor, Pal Heights,  
J/7, Jayadev Vihar, Bhubaneswar 751013, Odisha  
e-mail: [roodisha@nhai.org](mailto:roodisha@nhai.org)

This is issued with the approval of RO, Odisha.

*A. K. S.*

Dy. General Manager (Tech)  
National Highways Authority of India,  
Regional Office, Odisha  
301-A, 3rd Floor, Pal Heights,  
J/7, Jayadev Vihar, Bhubaneswar 751013





सत्यमेव जयते

# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार) National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओड़िशा)

NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)

दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



NHAI/13011/13/ROW/2025/PIU/CHD/2437

30 Dec., 2025

To

The GM (Tech.) & Regional Officer,  
National Highways Authority of India,  
Regional Office-Odisha,  
301-A, 3rd Floor, Pal Heights,  
Plot No. J/7, JayadevVihar,  
Bhubaneswar- 751013.

**Sub:** Crossing of water supply pipeline on NH-49 at km. 311+900 (design chainage km. 310+550) at Singada Chowk for the work "Mega PWS to 9 GPs of Raruan Block & 10 GPs of Sukruli Block" under Mayurbhanj District. - Reg.

Sir,

This is in reference to the subject cited proposal submitted by Superintending Engineer, RWS&S division, Rairangpur vide their letter No. 9771 dated 26.08.2025 for crossing of water supply pipeline across NH-49 at Km. 310+550 in Mayurbhanj district of Odisha. The details of crossing of pipeline across in NH-49 are:

S. No.	Chainage	Along/ Across	Length (In Km.)	Pipe Dia. (In mm)	Casing Pipe Dia. (In mm)
1	310+550	Across	0.045	160	200

In this regard, it is to inform that, a joint site visit has been conducted on 10.09.2025 by the representative of M/s Zuberi Engineering construction, AE & NHAI official. As per the discussion during the joint visit, revised drawing incorporating the finalized crossing depth has been submitted on 20.12.2025. the proposal is scrutinized by AE as per the guidelines of Ministry Circular No. RW-NH-33034/29/2015/S&R(R) dated 22.11.2016 & NH-36094/01/2022-S&R (P&B) dated 17.04.2023 and found to be in order.

Therefore, it is recommended that the permission may be accorded for the above-mentioned pipeline.

Yours faithfully,

Encl.: As mentioned above.

(J. P. Verma)  
Project Director

Site Inspection Report

Date of Inspection: 23.12.2025

Sub: Permission for Crossing of water supply pipeline on NH-49 at km. 311+900 (design chainage km. 310+550) at Singada Chowk for the work "Mega PWS to 9 GPs of Raruan Block & 10 GPs of Sukruli Block" under Mayurbhanj District of Odisha - Reg.

The proposed Crossing of water supply pipeline on NH-49 at km. 311+900 (design chainage km. 310+550) at Singada Chowk for the work "Mega PWS to 9 GPs of Raruan Block & 10 GPs of Sukruli Block" under Mayurbhanj District has been inspected by the undersigned on dated 23.12.2025 and the proposal submitted for the water pipeline satisfy all the requirements as per the guidelines of Ministry of Road Transport & Highways No. RW-NH-33034/29/2015/S&R(R) dated 22.11.2016 & NH-36094/01/2022- S&R (P&B) dated 17.04.2023

Project Director

Project Director,  
National Highways Authority of India  
Chandikhole



4152

**OFFICE OF THE SUPERINTENDING ENGINEER  
RWS&S DIVISION, RAIRANGPUR**

Email: eerwss\_rai@nic.in/ eerwss.ra@gmail.com

Letter No. 9771 /Dated 26/08/2025

To

**The Project Director  
NHAI, Chandikhole.**

Sub: - Submission of a revised proposal for permission of ROW for Crossing of water supply pipeline on NH-49 at Km. 311+900 (design chainage Km. 310+514) at Singda Chowk for the work "Mega PWS to 9 GPs of Raruan Block & 10GPs of Sukruli Block" under Mayurbhanj District.

Ref: - 1. Your good office letter No. NHAI/13011/13/ROW/2025/PIU/CDL/1053 /dt 29.05.2025.  
2. This office Letter No. 4221/ dt 11.04.2025 & letter no-9055/dtd-07.08.2025.  
3. Letter no-188/dtd-22.08.2025 of M/s ZECPL.

Sir,

With reference to the subject cited above, this is to inform you that we have received your letter no- NHAI/13011/13/ROW/2025/PIU/CDL/1053 /dt- 29.05.2025 requesting a revised crossing proposal because the previously suggested pipeline location falls within the approach of a Vehicle Under Pass (VUP). In response to your request and as communicated by ZECPL vide his letter no. 188 dated-22.08.2025, we are submitting a revised proposal for permission to cross the ROW with water supply pipeline on NH-49 at Km. 311+900 (design chainage Km. 310+514) at Singda Chowk for the work Mega PWS to Sukruli Block.

In this connection, we kindly request you to look into this matter and grant the necessary permission as soon as possible to avoid further delays in the implementation of this critical project.

***This is treated as most urgent.***

Encl: As above.

Yours faithfully

*[Signature]*  
Superintending Engineer  
RWS&S Division, Rairangpur.

**Copy Submitted to the -**

- 1) PA to the Collector for kind information of the Collector & DM, Mayurbhanj District.
- 2) C.D.O. -Cum-E.O., Zilla Parishad, Mayurbhanj.
- 3) Engineer-In-Chief/ Chief Engineer, RWS&S Odisha, Bhubaneswar.
- 4) Additional Chief Engineer, RWS&S Circle, Balasore.

for favour of kind information and necessary action.

**Copy communicated to the:**

1. AEE, RWS&S Sub-Division, Karanjia.
2. AE/JE, RWS&S Section, Sukruli/Raruan.
3. Team Leader, M/s MaRS Pvt. Ltd.
4. Project Manager, M/s ZECPL

for information & necessary action.

भा.स.रा.प्रा., NHAI

प.का.इ., चंडीखोल/PIU, Chandikhole

डायरी, सं/Dy.No. 2273 दि/Dt. 01.09.25

फा, सं/F.No. ....

*[Handwritten signatures and initials]*

**OFFICE OF THE SUPERINTENDING ENGINEER  
RWS&S DIVISION, RAIRANGPUR**

Email: [eerwss\\_rai@nic.in](mailto:eerwss_rai@nic.in) / [eerwss.raia@gmail.com](mailto:eerwss.raia@gmail.com)

Letter No. 9771 /Dated 26/08/2025

To

The Project Director  
NHAI, Chandikhole.

Sub: - Submission of a revised proposal for permission of ROW for Crossing of water supply pipeline on NH-49 at Km. 311+900 (design chainage Km. 310+514) at Singda Chowk for the work "Mega PWS to 9 GPs of Raruan Block & 10GPs of Sukruli Block" under Mayurbhanj District.

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In this connection, we kindly request you to look into this matter and grant the necessary permission as soon as possible to avoid further delays in the implementation of this critical project

*This is treated as most urgent.*

Encl: As above.

Yours faithfully

*[Signature]*  
Superintending Engineer  
RWS&S Division, Rairangpur.

**Copy Submitted to the -**

- 1) PA to the Collector for kind information of the Collector & DM, Mayurbhanj District.
- 2) C.D.O. -Cum-E.O., Zilla Parishad, Mayurbhanj.
- 3) Engineer-In-Chief/ Chief Engineer, RWS&S Odisha, Bhubaneswar.
- 4) Additional Chief Engineer, RWS&S Circle, Balasore.

for favour of kind information and necessary action.

**Copy communicated to the:**

1. AEE, RWS&S Sub-Division, Karanjia.
  2. AE/JE, RWS&S Section, Sukruli/Raruan.
  3. Team Leader, M/s MaRS Pvt. Ltd.
  4. Project Manager, M/s ZECPL
- for information & necessary action.





# ZUBERI

**ENGINEERING CONSTRUCTION PVT. LTD.**

(Formerly known as Zuberi Engineering Company)

**ZECPL/RAR-MAY/RWSS/ODISHA/2025/D- 188****DATED: 22/08/2025**

An ISO 9001: 2015 Certified Company

To,

The Superintending Engineer  
RWS&S Division - Rairangpur  
Odisha-757043

**REF:** "Execution of Rural piped Water Supply Projects pertaining to 9 GPs Raruan & 10 GPs Sukruli Block of Mayurbhanj district including 05 years O&M" under one Package on EPC contract." against Bid ID No. EIC/RWSS/26/2021-22.

**REF :-** SUB-Division, Letter No – 229/ Dt-27.03.2025

**Sub: Request to permission for Road crossings and water supply pipe laying at NHAI-49 (Singda Chawk of Sukruli block.**

Respected Sir,

With reference to the above noted subject, it is to intimate that one Mega PWS has been sanctioned in Raruan and Sukruli block for providing Drinking Water Supply to all household of the 10 G.Ps under sukruli block and 9 G.Ps of Raruan block for which the River Baitarani has been taken as the source of Water Supply for which laying of pipe line for Clear water and Distribution Mains is required from Water Treatment Plant(WTP) proposed to be constructed at Indupur village in Jamuti G.P to respective Elevated Service Reservoirs (ESR) and then to individual households of 10 G.Ps of Sukruli Block. The laying of pipe line is required in the safe distance of the Berm of the roads. It is required crossing of the road (NHAI) then we will restore the road properly as per our technical norms.

In this connection it is requested that the necessary permission may kindly be given for laying of the Pipe Line as per the approved drawing for the interest of public

**Crossing Area (Location)****CH.-311+900, LAT/LONG: 21°51'05"N/85°49'15"E (Singda Chawk, Sukruli Block, NHAI-49)**

Your Faithfully,

**Zuberi Engineering Construction Pvt. Ltd.**

(PRANAB GHOSH)  
Authorized signatory.  
**Copy Communicated to:**

1. Assistant Executive Engineer RWS&S, Sub-Division Karanjia.
2. Assistant Engineer, RWS&S Section Sukruli, JE-1 RWS&S Section, Raruan
3. MARS Planning & Engineering pvt. Ltd.

for information and necessary action.

## CHECK-LIST

**Guidelines for project Directors/Divisional Engineers/Executive Engineers for Processing the Proposal for laying of water pipe line in the across National Highway.**

### Relevant circulars

- 1 Ministry Circular No.NH-41(58)/68 dated 31.01.1969
- 2 Ministry Circular No.NH-III/P/88/76 dated 18/19.11.1976
- 3 Ministry Circular No.RW/NH-III-P/66/76 dated 11.05.1982
- 4 Ministry Circular No.RW/NH-11037/1/86-DOI(ii)dated 28.07.1993
- 5 Ministry Circular No.RW/NH-11037/1/86/DOI dated 19.01.1995
- 6 Ministry Circular No.RW/NH-34066/2/95/S&R dated 25.10.1999
- 7 Ministry Circular No.RW/NH-34066/7/2003/S&R(B)dated 17.09.2003
- 8 Ministry Circular No.RW/NH-34044/29/2015/S&R (R)dated 22.11.2016

### Check lift for getting approval for laying of Water pipeline crossing NH-49 Land

Sl No	ITEM	Information/Status	Remark
1	General Information	Augmentation of Mega PWS Project to 09 Gps of Raruan Block & 10 GPs of Sukruli Block .	
1.1	Name & Adress of Applicant /Agency	Superintending Engineer RWS&S Division, Rairangpur	
1.2	National Highway Number	NH 49	
1.3	State	Odisha	
1.4	Location	Singda Chawk	
1.5	Chainnage no	311+900	
1.6	Length in Km	0.045 km	
	Width of ROW	45 mtr	
1.7	a)Leftside From center line towards Chainnage /Km/direction	Yes,22.5 Mtr	
	b)Right side From center line towards Chainnage /Km/direction	Yes,22.5 Mtr	
1.8	Proposal to Lay Under Ground Pipeline		
	a)Leftside From center line towards Increasing Chainnage /Km/direction		
	b)Rightside From center line towards Increasing Chainnage /Km/direction		
1.9	Proposal to acquire land	Not Applicable	
	a) LeftSide From Center line	Nil	
	b)Rightside from Centerline	Nil	
1.10	Wheather Proposal is in the same side where land is not to be acquired	yes	
	If not then where lay the pipeline		
1.11	Details of already laid services if any along the proposed route		
1.12	Number of Lanes ( 2/4/6/8 Lanes ) Existing	2 lane	
1.13	Proposed no of lanes ( 2 lanes with paved shoulders / 4/6/8 Lanes )		
1.14	Service Road Existing or not	No	
	if yes then which side		
	a) LeftSide From Center line		
	b) Rightside From Center line		
1.15	Proposed Service Road	NA	
	a) LeftSide From Center line		
	b) Rightside From Center line		
1.16	Wheather Proposal to lay water pipeline is after the service road or Between the Service Road & Main Carrage Way	AFTER SERVICE ROAD	
1.17	Wheather Carring of water pipeline has been propose on Highway Bridge .	NA	

*mal*  
*DR*  
 26.8.25  
 A.E. Rairangpur  
 Sukruli

*DR*  
 26/8/25  
 Asst. Executive Engineer  
 R.W.S. & S. Sub-Division  
 Karanjia

*DR*  
 26/8/25  
 Dy. Manager(Tech)  
 N.H.A./Z.P.U.  
 Chandikhole

*DR*  
 26/8/25  
 Project Director,  
 National Highways Authority of India  
 Chandikhole

*DR*  
 26/8/25  
 Superintending Engineer  
 RWS&S Division, Rairangpur

Team Leader  
 Cum Highway Engineer



	If yes , Then Mention the Methodology proposed for the same		
1.18	Whether Carring of water pipeline has been propose on Parapet/any part of Bridges .	NA	
	If yes , Then Mention the Methodology proposed for the same		
1.19	If Crossing of the Road Involved		
	If yes , it shall be either encased in the pipes or through Structures or conduits specially built for the proposed at the expenceses of the Agency owning the line.		
	a) Wheather Existing drainage structures are allowed to carry water pipeline		
	b) It is on line normal to NH		
	c) What is the Distance of Crossing the sewage/Gas pipeline from the existing structures . Crossing shall not be too near the existing structures on the National Highway, The minimum distance being 15 mtrs	NA	
	d) The Casing of pipe ( or conduit pipe in the case of electric / OFC Cable ) Carring the utility line shall be of steel , Cast iron or Reinforced cement concrete & have adequate strength and be large enough to permite ready widrawal of the carrier pipe /cable . Mention type of casing.	AGREED / MS CASING	
	e)Ends of the casing/conduit duit pipe shall be sealed from the outside, so that it does not act as a drainage path		
	(f)The casing/conduit pipe should as minimum extend from drain to drain in cuts and toe of slope in the fills	AGREED	
	g) The top of the casing/conduit pipe should be at least 1.2meter below the surface of the road subject to being at least 0.3 m below the drain inverts Mention the proposed details.	AGREED	
	(h) Mention the methodology proposed for crossing of road for the proposed water pipeline Crossing shall be Tranch-less Technology especially where the existing road pavement is of cement concrete or dense bituminous concrete type.	HDD METHOD	
	(i) 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 .	AGREED	
2	<b>Document/Drawings to be enclosed with the proposal.</b>		
2	Cross section showing the size of trench for open 2.1 trenching method (Is it normal size of 1.2m deep X 0.3m wide)	YES,CROSS SECTIONAL DRAWING ENCLOSED	
	i)Should not be greater than 60 cm wider than the outer diameter of the pipe.	NA	
	ii)Located as close to the extreme edge of the right of-way as possible but not less than 15 meter from the Center lines of the nearest carriageway.	NA	
	iii)Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges	NA	
	(iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land	NA	
2.2	Cross section showing the size of pit and location of pipe for HDD method	Attached	

  
 26.8.25  
 A.E. Rairangpur  
 Team Leader

  
 26/8/25  
 Asst. Executive Engineer  
 R.W.S. & S. Sub-Division  
 Karanjia

Dy. Manager(Tech)  
 N.H.A.I, PIU  
 Chandikhole

Superintending Engineer  
 RWS&S Division, Rairangpur

Project Director,  
 National Highways Authority of India  
 Chandikhole




2.3	Strip plan/Route Plan showing Water pipe line. 2.3 Chainage, width of ROW, distance of proposed. important mile stone, intersections, cross drainage works etc	Incorporated in the Drawing	
2.4	Methodology for laying of Water pipe line .	Horizontal Direction Drilling	
2.4.1	Open trenching method. (May be allowed in utility 241 corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes,What is the Methodology of refilling of trench	NA	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe	yes Agreed	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. 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 edged should be excavated and replaced by selected material	yes Agreed	
	(c) The backfill shall be completed in two stages (i ) side fill to the level of the top to the pipe and (ii) overfill to the bottom of the road crust.	yes Agreed	
	(d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% 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 pending will not be permitted.	yes Agreed	
	e) 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 a dip at the trench.	yes Agreed	
	f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours	yes Agreed	
	(g) if required, a diversion shall be constructed at the expenses of agency owning the utility line	yes Agreed	
2.4.2	Horizontal Directional Drilling Method	Enclosed	
2.4.3	Methodology for laying of water Pipe Line through 243 CD works and method of laying. In cases where the carrying of water pipeline on the bridge becomes inescapable	NA	
3	Draft License Agreement	Yes Agreed & Attached	
4	Performance Bank Guarantee in favour of NHAI has to be obtained Rs 250/- per running meter for crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the water pipeline with OFC/ducts by proper filling and compaction, clearing Debris/loose earth produced due to execution 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 Performance BG as per above is to be obtained	Yes agreed to pay as per ,MORTH Guidelines	
4.1	Confirmation of BG has been obtained or not as per NHAI guidelines	Will be obtained after the technical clearances from NHAI	
5	Affidavit/Undertaking from the Applicant for	Yes,RWS&S Rairangpur	
5.1	Not to Damage to other utility, if damaged then pay the losses either to NHAI or to the concerned agency		
5.2	For Renewal of Bank Guarantee	Will be ensured	
5.3	For Confirming all standard condition of Ministry Circulars and NHAI guideline	Yes agreed & confirmed	

  
 Team Leader  
 26/8/25  
 AEE RWS&S  
 Chandikhole

  
 26/8/25  
 Asst. Executive Engineer  
 R.W.S. & S. Sub-Division  
 Karanjia

  
 Dy. Manager(Tech)  
 N.H.A.I. PU

  
 26/8/25  
 Superintending Engineer  
 RWS&S Division, Rairangpur

  
 Project Director,  
 National Highways Authority of India  
 Chandikhole



5.4	For Shifting of Water pipe line as and when required by NHAI at their own cost	Yes agreed	
5.5	For Shifting of Water pipeline due to 6 lanning /widening of NH	Yes	
5.6	For Indemnity against all damages and claims	Yes	
5.7	Traffic movement during laying of Water pipe line to be managed by the applicant.	Yes	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant.	Yes	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work if installation, shifting or repairs, or alterations to the Water pipe line/any other utility located in the National Highway right-of-ways	Yes	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Water pipe line will be borne by the applicant agency owning the line.	Yes	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes	
5.12	Certificate from the applicant in the following format.	Yes	
	(I) Laying of Water pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.		
	II) We do undertake that 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- lanning or any other development		
6	Who will sign the agreement on behalf of Water pipe line agency?	The Superintending Engineer RWS&S , Rairangpur	
6.1	Power of Attorney to sign the agreement is available or not	Attached	
7	<b>The Project Director, will submit the following Certificates.</b>		
7.1	Certificate for proposal for confirming of all standard condition issued vide Ministry of Road Transport and Highways Circular No. NH-III JP 166 176 dated 18/19 11. 1978, RW/NH-III/P/66/76 dated 11.5.1982, RW/NH-11037/1/86/DOI (6) dated 28.7.1993, RW/NH-11037/1/88/DOI dated 19.1.1995, RW/NH- 34066/2/95/S&R dated 25.10.1999 and Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003	Certificate Enclosed	
7.2	Certificate from Project Director in the following format	Yes	
	I) It is certified that any other location of the Water pipeline would be extremely difficult and unreasonable costly and the installation of water pipeline within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc.		
	(II) for 6-laning		
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structure at the said location"	NA	Project Director, National Highways Authority of India Chandikhole

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AEE RWS&S  
Guesale

Team Leader

Aast. Executive Engineer  
R.W.S. & S. Sub-Division  
Karanja

Dy. Manager (Tech)  
N.H.A.I. PIU  
Chandikhole

Superintending Engineer  
RWS&S Division, Rairangpur

26/08/25

	(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning.	NA	
8	If NH 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 pipeline has also been granted as a right of way to 8 the concessionaire under the concession agreement for up-gradation of [..... from Km.....to km .....of NH No.....on Build, Operate and Transfer basis] and therefore, the licensee shall honour the same	yes	
9	Who will supervise the work of laying of Water pipe line		
	(a) On behalf of the Applicant	Zuberi Engineering Construction Pvt Ltd.	
	(b) On behalf of NH/ Authorized Agency		
10	Who will ensure that the defects in road portion after laying of Water Pipe line are corrected and if corrected then what action will be taken :		
	(a) On behalf of the Applicant	Zuberi Engineering Construction Pvt Ltd.	
	(b) On behalf of NHAI		
11	Who will pay the claims for damages doneldisruption 11 in working of Concessionaire if asked by the Concessionaire?	RWS&S, Rairangpur	

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21.8.25  
RWS  
Suresh

*Handwritten signature*  
26/8/25  
Asst. Executive Engineer  
R.W.S. & S. Sub-Division  
Karanjia

*Handwritten signature*  
Dr. Manager (Tech)  
N.H.A.I, PIU  
Chandikhole

*Handwritten signature*  
26/08/25  
Superintending Engineer  
RWS&S Division, Rairangpur

*Handwritten signature*  
Team Leader  
Cum Highway Engineer

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Project Director,  
National Highways Authority of India  
Chandikhole



#### 4. Present Status of Mega P.W.S to Sukruli Block

Name of the Project:	Mega PWS to 10 Gps of Sukruli Block & 09 Gps of Raruan Block.
Name of the Agency:	M/s. Zuberi Engineering Construction, Ltd.
Date of Agreement:-	08.06.2022
Date of Completion:-	21.06.2024 ( As per Agreement & 2 <sup>st</sup> EOT approved up to 21.06.2026)
Agreement Value:-	151.44 Cr(including 5 years O&M & excluding GST)
No of GP to be Covered:-	19 Nos (10 GPs of Sukruli Block & 09 Gps of Raruan Block )
No of village to be Covered:-	164 Nos (77 village of Raruan & 87 village of f Sukruli Block)
No of Household to be covered with FHTC:-	25847 Nos.
No of Population to be benefitted as per Census 2011:-	113540 Nos.
Present Status:-	Ongoing.

  
Zuberi Engineering  
Construction Pvt Ltd.  
Representative

  
22.08.2024  
Asst. Executive Engineer

  
Asst. Executive Engineer  
R.W.S. & S. Sub-Division  
Karanja



  
Superintending Engineer  
RWS&S Division, Raigarapur

## METHODOLOGY TO BE ADOPTED FOR HORIZONTAL DIRECTIONAL DRILLING METHOD (HDDM)

The following method will be adopted for taking through the National Highway No 49 at Chainage 311+900.

1. A pit of size 1M X 1M X 1.5M will be constructed and from this pit the pipe will be buried by HDD Machine.
2. The cutter will be used to cut the earth horizontally at a level of approximately 1.5 meter below the formation level of national highway with simultaneous insertion of R.C.C/MS pipe.
3. The drilling of horizontal bore, removal of cutting earth and insertion of the pipe will be done simultaneously.
4. After insertion of the casing pipe the drinking water pipe will be inserted by blowing method.
5. Total precaution will be taken for performing these activities.
6. The work will be completed as per the drawing, specification and instruction/direction of the Engineer-in-Charge in line of the best quality acceptable of NHAI.
7. The surplus material, debris will be disposed of from the work place after completion of the job.

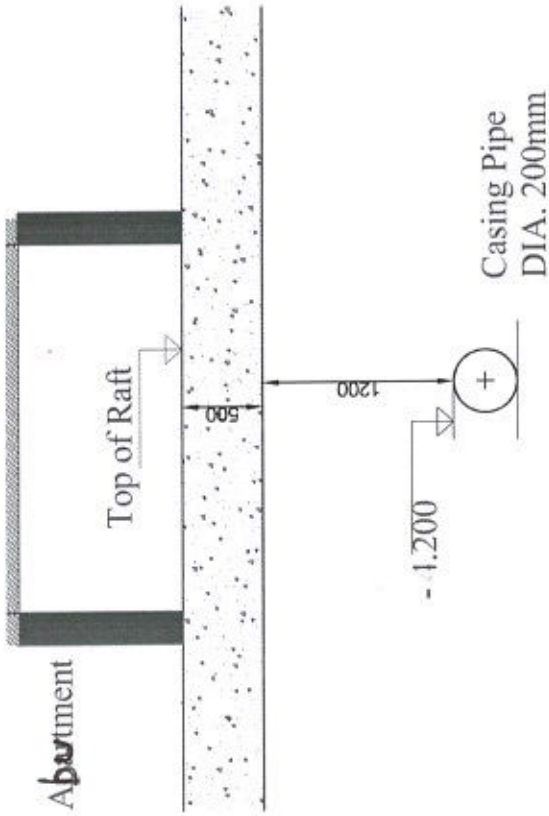
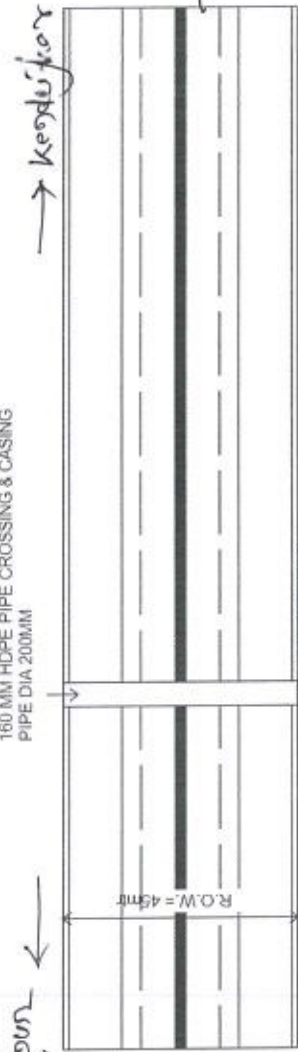
  
26.8.25  
AEE RWS  
Surnadu

  
26/8/25  
Asst. Executive Engineer  
R.W.S. & S. Sub-Division  
Karanjia

  
26/08/25  
Superintending Engineer  
RWS&S Division, Rairangpur



160 MM HDPE PIPE CROSSING & CASING  
PIPE DIA 200MM



## Road Crossing Methodology

CLIENT:- R.W.S.&S. ORGANISATION GOVERNMENT OF ODISHA

SUPPLIER/CONTRACTOR:- ZUBERI ENGINEERING CONSTRUCTION  
PVT. LTD.

PROJECT:- EXECUTION OF 2 NOS INDIVIDUAL RURAL PIPED  
WATER SUPPLY PROJECT TO RARUAN BLOCK OF MAYURBHANJ  
DISTRICT & SUKRULI BLOCK OF MAYURBHANJ DISTRICT

TITLE :- ALIGNMENT & CROSSING  
DRAWING OF PIPELINE

*Manoj Kumar*

Team Leader  
Cum Highway Engineer

*Superintending Engineer*  
RWS&S Division, Raipur