



No. RO/BBSR/Utility Services/NH-49/JSG/89/2024 - 686

Date: 26<sup>th</sup> Jul, 2024

**Invitation of Public Comments**

**Sub: Proposal for laying of water pipeline along/across NH-49 from km 315/475 to 325/676 (in selected stretches) and 09 no of crossings for Rural Piped Water Supply project pertaining to Kuchinda & Jamankira blocks of Sambalpur District under RWSS Division, Sambalpur - reg.**

1. Executive Engineer, NH Division, Jharsuguda vide letter dated 18.05.2024 has submitted a proposal for the above mentioned subject as detailed below:

Along the NH:

Sl. No.	Chainage from km to km	Details of RoW	Width of carriageway (in mt)	Dia of pile including casing (In mm)	Total length (In km)	Methodology
1	Km 315/715 to 315/475 (LHS)	20.0 m	10.0 m	600	0.240	Open trench
2	Km 316/130 to 315/880 (LHS)	20.0 m	10.0 m	600	0.250	Open trench
3	Km 317/165 to 317/105 (LHS)	20.0 m	10.0 m	600	0.060	Open trench
4	Km 317/375 to 317/225 (LHS)	20.0 m	10.0 m	600	0.150	Open trench
5	Km 317/848 to 317/768 (LHS)	20.0 m	10.0 m	600	0.080	Open trench
6	Km 318/185 to 318/105 (LHS)	20.0 m	10.0 m	600	0.080	Open trench
7	Km 319/073 to 318/296 (LHS)	20.0 m	10.0 m	600	0.777	Open trench
8	Km 319/362 to 319/225 (LHS)	20.0 m	10.0 m	600	0.137	Open trench
9	Km 321/563 to 319/362 (LHS)	20.0 m	10.0 m	600	2.201	Open trench
10	Km 321/643 to 321/563 (LHS)	20.0 m	10.0 m	600	0.080	Open trench
11	Km 321/801 to 321/767 (LHS)	20.0 m	10.0 m	600	0.034	Open trench
12	Km 322/486 to 322/116 (LHS)	20.0 m	10.0 m	600	0.370	Open trench
13	Km 323/185 to 323/075 (LHS)	20.0 m	10.0 m	600	0.110	Open trench
14	Km 323/631 to 323/581 (LHS)	20.0 m	10.0 m	600	0.050	Open trench
15	Km 324/659 to 324/415 (LHS)	20.0 m	10.0 m	600	0.244	Open trench
16	Km 324/659 to 325/089 (LHS)	20.0 m	10.0 m	600	0.430	Open trench
17	Km 325/320 to 325/430 (LHS)	20.0 m	10.0 m	600	0.110	Open trench
18	Km 325/430 to 325/676 (LHS)	20.0 m	10.0 m	600	0.246	Open trench
				<b>Total</b>	<b>5.649</b>	

Across the NH:

Sl. No.	NH Chainage	Available RoW (in mt)	Dia of Pipe (In mm)	Width of carriageway (in mt)	Depth of laying of utility from GL	Methodology
1	316/148	20.0 m	600	10.0 m	The pipeline is proposed to be laid below the Ground level at a depth of 1.20 to 1.60 m through HDD method	HDD
2	317/958	20.0 m	600	10.0 m		HDD
3	318/536	20.0 m	600	10.0 m		HDD
4	319/080	20.0 m	600	10.0 m		HDD
5	319/431	20.0 m	600	10.0 m		HDD
6	321/950	20.0 m	600	10.0 m		HDD
7	324/060	20.0 m	600	10.0 m		HDD
8	324/448	20.0 m	600	10.0 m		HDD
9	325/066	20.0 m	600	10.0 m		HDD

2. As per Ministry's OM No. RW/NH-33044/29/2015/S&R(R) dated 22<sup>nd</sup> November, 2016 the Highway Administrator 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, if any).

-1/2-

*Signature*  
26/07/24

3. In view of the above, comments of public for claims/objections, if any, on the above proposal are invited online as well as in hard copy. The strip plan/location details are enclosed herewith. The same should reach to the below mentioned address within 30 days from the date of uploading it in the website, beyond which no objection will be considered.

**Address:**

**Regional Officer,  
Ministry of Road Transport & Highways,  
Plot No -184, Infront of CRPF Stadium,  
Baramunda, Bhubaneswar - 751003.**

Yours faithfully,



(Sudhansu Sekhar Sahu)  
Senior Technical Assistant  
For Regional Officer

**Copy to:**

- 1) The Senior Technical Director, NIC, Transport Bhawan, New Delhi - 110001- along with strip chart for uploading on the Ministry's website.
- 2) General public with request to furnish comments, if any, to the above mentioned address or by e-mail to "[robbsr.morth@gmail.com](mailto:robbsr.morth@gmail.com)"



**Enclosure to Site Inspection Report for laying of Water Pipe Line along/across National Highway-49**

**ALONG THE ROAD**

SL NO.	NH No.	NH Chainage (From Km-To Km)	Side of laying (LHS/RHS/Crossing)	Available RoW (in mtr)	Carriageway width (in mtr)	Embankment Height (in mtr)	Dia of proposed utility including casing (in mtr)	Methodology (Open Trench/HDD)	Depth of laying of utility from Ground Level	Width of trench (in case of open trench method)
1	2	3	4	5	6	7	8	9	10	11
1	NH-49	315.715 TO 315.475	LHS	20 m	10 m	1.5 m TO 2 m	600 mm	Open trench	1.2 to 2 m	0.90m
2	NH-49	316.130 TO 315.880	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
3	NH-49	317.165 TO 317.105	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
4	NH-49	317.375 TO 317.225	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
5	NH-49	317.848 TO 317.768	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
6	NH-49	318.185 TO 318.105	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
7	NH-49	319.073 TO 318.296	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
8	NH-49	319.362 TO 319.225	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
9	NH-49	321.563 TO 319.362	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
10	NH-49	321.643 TO 321.563	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
11	NH-49	321.801 TO 321.767	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
12	NH-49	322.486 TO 322.116	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
13	NH-49	323.185 TO 323.075	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
14	NH-49	323.631 TO 323.581	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
15	NH-49	324.659 TO 324.415	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
16	NH-49	324.659 to 325.089	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
17	NH-49	325.320 to 325.430	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m
18	NH-49	325.430 to 325.676	LHS	20 m	10m	1.5 m TO 2 m	600mm	Open trench	1.2 to 2 m	0.90m

**ACROSS THE ROAD**

SL NO.	NH No.	NH Chainage (KM)	Side of laying (LHS/RHS/Crossing)	Available RoW (in mtr)	Carriageway width (in mtr)	Embankment Height (in mtr)	Dia of proposed utility including casing (in mtr)	Methodology (Open Trench/HDD)	Depth of laying of utility from Subgrade Level	Width of trench (in case of open trench method)
1	NH-49	316.148	Crossing	20 m	10 m	1.5 m to 2 m	600 mm	HDD	1.2 m to 1.6 m	N/A
2	NH-49	317.958	Crossing	20 m	10 m	1.5 m to 2 m	600 mm	HDD	1.2 m to 1.6 m	N/A
3	NH-49	318.536	Crossing	20 m	10 m	1.5 m to 2 m	600 mm	HDD	1.2 m to 1.6 m	N/A
4	NH-49	319.080	Crossing	20 m	10 m	1.5 m to 2 m	600 mm	HDD	1.2 m to 1.6 m	N/A
5	NH-49	319.431	Crossing	20 m	10 m	1.5 m to 2 m	600 mm	HDD	1.2 m to 1.6 m	N/A
6	NH-49	321.950	Crossing	20 m	10 m	1.5 m to 2 m	600 mm	HDD	1.2 m to 1.6 m	N/A
7	NH-49	324.060	Crossing	20 m	10 m	1.5 m to 2 m	600 mm	HDD	1.2 m to 1.6 m	N/A
8	NH-49	324.448	Crossing	20 m	10 m	1.5 m to 2 m	600 mm	HDD	1.2 m to 1.6 m	N/A
9	NH-49	325.066	Crossing	20 m	10 m	1.5 m to 2 m	600 mm	HDD	1.2 m to 1.6 m	N/A

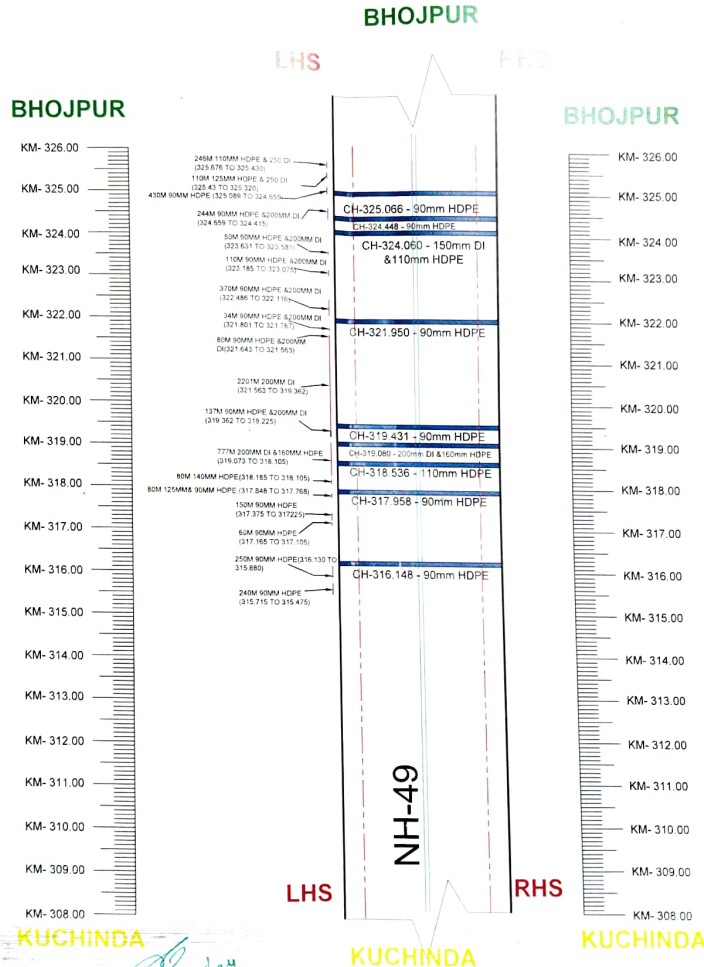
26/04/24

**Junior Engineer**  
R.W.S & S Section  
Kuchinda

**Asst. Executive Engineer**  
R.W.S & S Sub-Division  
Kuchinda

**Superintending Engineer**  
RWS&S Division, Sambalpur

# STRIP PLAN FOR NH-49 ALONG THE ROAD PIPE LAYING & PIPE CROSSING DETAILS OF RWS&S SAMBALPUR



## Reference

SI No.	DESCRIPTION	SYMBOL
1	Road Line	---
2	Carrage Way	---
3	Divider	---
4	DI Pipe Line	---
5	HDPE Line	---
6	Crossing	---

CONTRACTOR	KRISHNA-UMSL JV
PROJECT	EXECUTION OF 02 NOS OF INDIVIDUAL RURAL PWS PERTAINING TO SAMBALPUR & DEOGARH DISTRICT INCLUDING 5 YEARS OPERATION & MAINTENANCE
OWNER	RURAL WATER SUPPLY & SANITATION DIVISION SAMBALPUR
TITLE	STRIP PLAN OF DI AND HDPE PIPE LINE LAYING ALONG AND CROSSING OF NH-49 FOR SAMBALPUR
SIGNATURE	

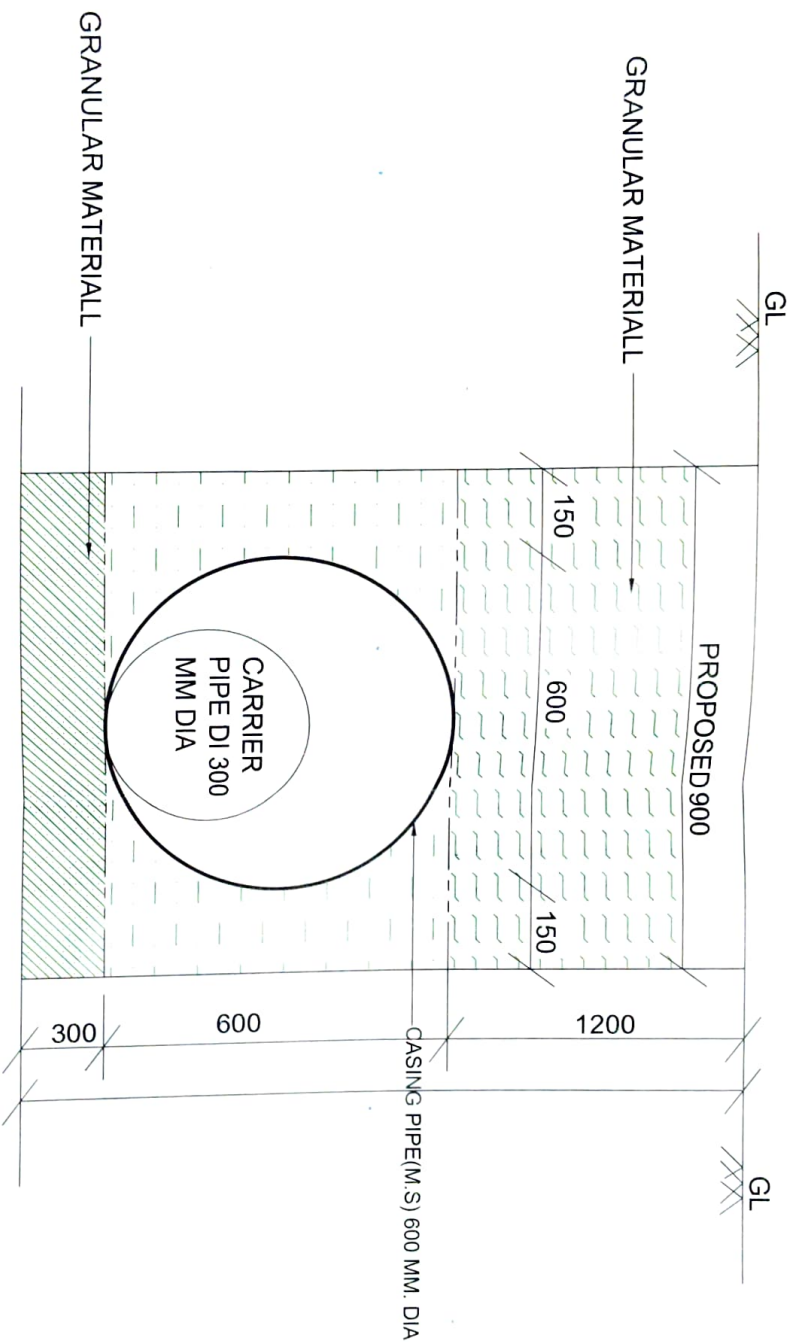
Junior Engineer  
R.W.S & S Section  
Kuchinda

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

RWS&S Division, Sambalpur

# CROSS SECTION DRAWING OF CASING PIPE FOR ALONG THE NH-49 ROAD FOR THE PIPE LAYING OF RWS&S SAMBALPUR DRINKING WATER PROJECT

## OPEN TRENCH METHOD



TYPICAL CROSS SECTION SHOWING THE SIZE OF TRENCH FOR OPEN TRENCHING

*[Signature]*  
Junior Engineer  
R.W.S & S Section  
Kuchinda

*[Signature]*  
Asst. Executive Engineer  
R.W.S & S Sub Division  
Kuchinda

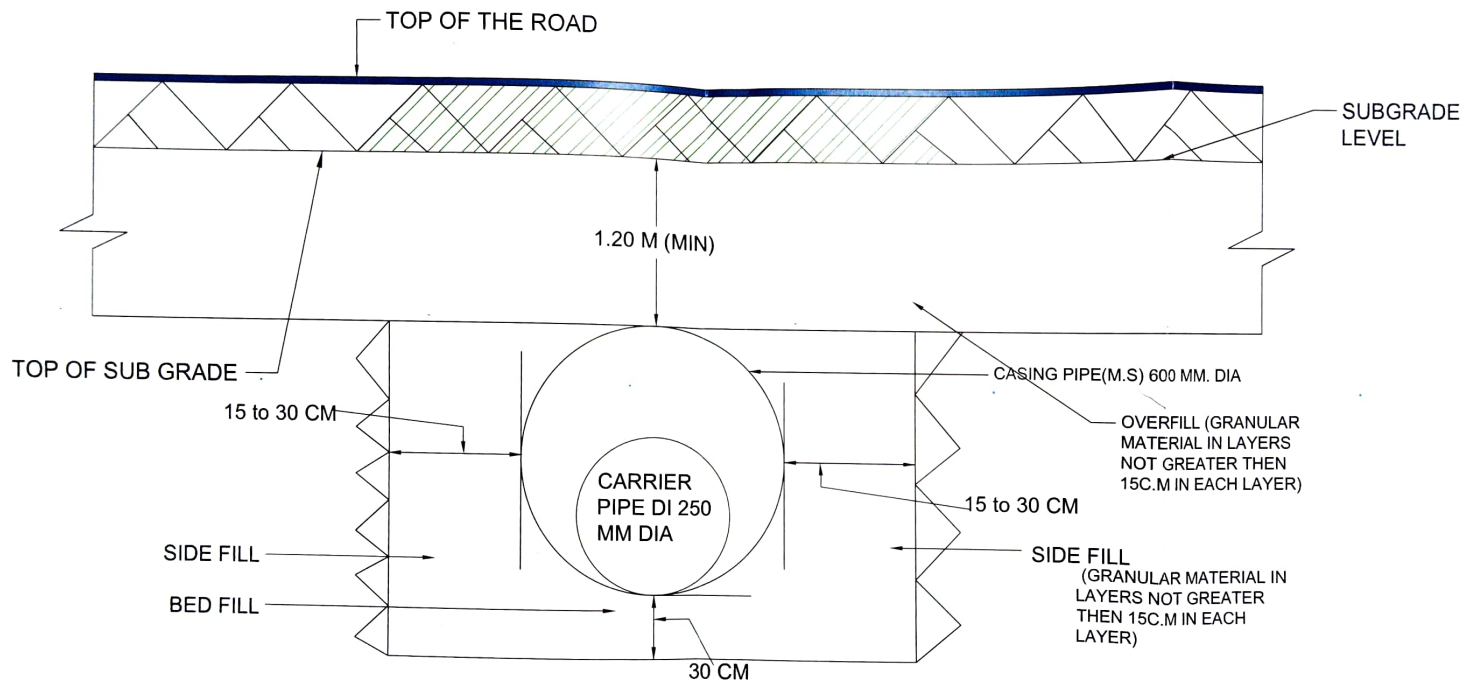
*[Signature]*  
Superintending Engineer  
RWS&S Division, Sambalpur

FIGURE NOT TO SCALE



# CROSS SECTION DRAWING OF CASING PIPE FOR CROSSING THE NH-49 ROAD FOR THE PIPE LAYING OF RWS&S SAMBALPUR DRINKING WATER PROJECT

## HDD METHOD



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Kuchinda

Superintending Engineer  
RWS&S Division, Sambalpur

FIGURE NOT TO SCALE