

Dated: 24.02.2025

Invitation of public comments

**Sub:-** Proposal for permission to laying Water Pipe lines by Kerala Water Authority for the work - KIIFB-WRD 02-09-Augmentation of UWSS to Kottayam Municipality (Package -II) in NH 183 from Mariyappally (Ch 95/736) to Kodimatha bridge (Ch 98/720) - reg

The proposal is seeking permission to laying Water Pipe lines by Kerala Water Authority from Mariyappally (Ch 95/736) to Kodimatha bridge (Ch 98/720) on NH 183 submitted by EE, KWA, Project Division, Kottayam vide letter No. PDK/DB-1/2758/2019 dated 07.01.2025 which is forwarded by EE(NH) Kollam vide letter No. EENH-DV/55/2023-D5 dated 01.02.2025 in accordance with Ministry's latest guidelines dated 22.11.2016.

2. EE, KWA Project Division, Kottayam has submitted that, the instructions of Hon'ble Minister for MoRTH, a joint inspection was conducted on 03.10.2024, attended by key representatives, including Shri. R.K Pandey (ADG Rtd.), Shri. Francis George MP, Shri. Thiruvanchoor Radhakrishnan MLA and other officials of MoRTH, NH and KWA. In joint inspection, Shri R.K Pandey ADG(Ret.) on detailed discussion with MP, MLA and Officials, directed KWA to conduct detailed survey on the entire stretch of road which requires cutting permission by incorporating carriage way, ROW and other installations of all stake holders and submit detailed report along with sketch showing the layout of proposed pipe line, so that actual BT cutting requirement can be assessed and direction can be issued. It is observed that Road cutting would be minimized with such an exercise. The survey was conducted between 04.10.2024 and 05.10.2024, leading to the preparation of detailed drawings for the pipe-laying stretch along NH-183, including surface cutting details. The findings of detailed survey conducted in the reach as under:-

**Details of Surface Cutting requirement in NH-183 (MC Road) from Mariapally @ Ch:95/736.5 to Manipuzha @ Ch:97/509.4**

Sl No.	PWD Chainage		Length of stretch in M	Under Bituminous surface pipe laying (To be done using HDD without BT cutting)	Remarks	
	From	To				
From Mariyappally to Manippuzha Junction						
1	95736.5	95740.00	3.50	0.50	Bell mouthing of Branch road	Mariyappally - Muttom Road
2	95740.00	95776.80	36.80	-		
3	95776.80	95784.30	7.50	-	In front of Mariyappally Temple	
4	95784.30	95788.30	4.00	-		
5	95788.30	95788.30	17.50	1.00	Road Crossing by HDD	
6	95788.30	95819.00	30.70	-		
7	95819.00	95829.00	10.00	-		
8	95829.00	95896.50	67.50	-		
9	95896.50	95919.50	23.00	-		
10	95919.50	96068.50	149.00	-		
11	96068.50	96076.90	8.40	1.00	Bell mouthing of Branch road	Nattakom College Road
12	96076.90	96112.90	36.00	-		
13	96112.90	96117.90	5.00	1.00	Bell mouthing of Branch road	Bindu nagar road

14	96117.90	96240.80	122.90	-		up to Culvert in front of Polytechnic
15	96240.80	96242.80	2.00	-		Culvert in front of Polytechnic
16	96242.80	96410.80	168.00		in front of Polytechnic	
17	96410.80	96423.80	13.00	1.00	Bell mouthing of Branch road (including Road Crossing) Tar cutting -9.5m	Port Road
18	96423.80	96520.70	96.90	-		
19	96520.70	96522.70	2.00	-		Culvert opp Vguard
20	96522.70	96602.40	79.70	-		
21	96602.40	96706.00	103.60	-		Mulankuzha
22	96706.00	96706	16.50	1.00	Road Crossing by HDD	
23	96706	96727.00	21.00	-		
24	96727	96769.00	42.00			
25	96769	96808.00	39.00	-		
26	96808	96812.50	4.50		Bell mouthing of Branch road	Toddy shop road
27	96812.5	96817.50	5.00	-		
28	96817.5	96901.00	83.50	-		Cement Jn:
29	96901	97047.00	146.00	-		
30	97047	97049.60	2.60	-	Interlock Branch road	
31	97049.6	97066.30	16.70	-		
32	97066.3	97070.90	4.60	-		
33	97070.9	97120.00	49.10	-	Kannankarappalam -Start	
34	97120	97133.00	13.00	-	Kannankarappalam-End	
35	97133	97325.30	192.30	-		
36	97325.3	97341.30	16.00	0.30	Bell mouthing of Branch road	
37	97341.3	97441.90	100.60	-		
38	97441.9	97461.40	19.50	-		
39	97461.4	97502.40	41.00	-		
40	97502.4	97509.40	7.00	-	Foot Path	Manippuzha JN

**From Road Crossing near Mulankuzha Junction to Kodimatha Bridge-LHS**

41	96706.00	96886.00	180.00	-		
42	96886.00	96910.40	24.40	-		
43	96910.40	96918.90	8.50	0.50	Bell mouthing of Branch road	Cement Kavala
44	96918.90	96995.20	76.30			
45	96995.20	96998.45	3.25	-	Bell mouthing of Branch road	
46	96998.45	97004.45	6.00	-	Bell mouthing of Branch road	
47	97004.45	97009.20	4.75	-		
48	97009.20	97028.20	19.00	-		
49	97028.20	97040.40	12.20	-		
50	97040.40	97046.40	6.00	-	Bell mouthing of Branch road	

51	97046.40	97101.40	55.00	-		
52	97101.40	97120.40	19.00	-		up to Kannamkarap palam
53	97120.40	97133.40	13.00			Kannamkara Bridge
54	97133.40	97138.40	5.00	-	Bell mouthing of Branch road	opp-Lulu
55	97138.40	97164.40	26.00	-		
56	97164.40	97171.40	7.00	-		
57	97171.40	97190.40	19.00	-		
58	97190.40	97200.25	9.85	-		
59	97200.25	97213.00	12.75	-		
60	97213.00	97267.50	54.50	-		
61	97267.50	97336.50	69.00	-	Shoulder width excluding drain	
62	97336.50	97341.50	5.00	-	Bell mouthing of Branch road	
63	97341.50	97348.70	7.20	-	Shoulder width excluding drain	
64	97348.70	97356.90	8.20	-		
65	97356.90	97387.90	31.00	0.15	Drain obstruction. BT Cutting	
66	97387.90	97404.90	17.00	0.50	Bell mouthing. BT Cutting	
67	97404.90	97468.40	63.50	-	Shoulder width excluding drain	
68	97468.40	97534.40	66.00	0.30	Shoulder width excluding drain. BT Cutting	Manippuzha- kolladu road
69	97534.40	97552.90	18.50	-	Open Bridge Crossing.	Manippuzha thodu
70	97552.90	97620.00	67.10	-	Shoulder width excluding drain	
71	97620.00	97620.00	15.50	1.00	Road Crossing by HDD	Shawalas godown -25m
72	97620.00	97636.20	16.20	-	Shoulder width excluding drain	
73	97636.20	97661.00	24.80	-	Shoulder width excluding drain	
74	97661.00	97699.80	38.80	-	Shoulder width excluding drain	
75	97699.80	97714.80	15.00	0.20	Shoulder width excluding drain. BT Cutting	
76	97714.80	97787.80	73.00	-	4 Lane road start	Manorama jn
77	97787.80	97804.80	17.00	0.50	Bell mouthing of Branch road	
78	97804.80	97866.45	61.65	-		
79	97866.45	97871.30	4.85	-	Bell mouthing of Branch road	
80	97871.30	98079.80	208.50	-		
81	98079.80	98093.30	13.50	-		
82	98093.30	98213.60	120.30	-		
83	98213.60	98235.00	21.40	-		
84	98235.00	98266.15	31.15	-		
85	98266.15	98274.60	8.45	-		

86	98274.60	98343.30	68.70	-		
87	98343.30	98467.80	124.50	-		
88	98467.80	98501.80	34.00	-		
89	98501.80	98531.00	29.20	0.50	Bell mouthing of Branch road	
90	98531.00	98588.70	57.70	-		
91	98588.70	98608.70	20.00	-		
92	98608.70	98620.30	11.60	-		
93	98620.30	98664.30	44.00	-		
94	98664.30	98667.20	2.90	-		
95	98667.20	98720.00	52.80	-	up to kodimatha bridge	kodimatha bridge

**From Mariyappally R/Crossing to R/Crossing @ Mulankuzha -RHS**

96	95788.3	95814.90	26.60	-		near temple-Mariyappally
97	95814.90	95819.75	4.85	-		
98	95819.75	95990.05	170.30	-		
99	95990.05	95996.75	6.70	-		
100	95996.75	96036.20	39.45	-		
101	96036.20	96045.45	9.25	-		
102	96045.45	96130.45	85.00	-		
103	96130.45	96134.15	3.70	-		
104	96134.15	96197.05	62.90	-		
105	96197.05	96206.00	8.95	-		
106	96206.00	96211.00	5.00	0.30	Drain obstruction. BT Cutting	
107	96211.00	96276.85	65.85	-		
108	96276.85	96287.85	11.00	-	Bell mouthing of Branch road	
109	96287.85	96496.35	208.50	-		
110	96496.35	96509.85	13.50	-	Culvert	
111	96509.85	96563.65	53.80	-		
112	96563.65	96578.15	14.50	0.50	Bell mouthing of Branch road	
113	96578.15	96695.00	116.85	-		
114	96695.00	96706.00	11.00	-		

**From Manippuzha Junction to Kodimatha Bridge-RHS**

115	97509.4	97534.90	25.50	0.50	Bell mouthing of Branch road	Manippuzha JN
116	97534.90	97551.90	17.00	-	Open Bridge Crossing.	manippuzha palam
117	97551.90	97625.80	73.90	-	Shoulder width excluding drain	
118	97625.80	97674.30	48.50	-		
119	97674.30	97712.50	38.20	-		
120	97712.50	97913.70	201.20	-		
121	97913.70	97949.90	36.20	-		
122	97949.90	98039.00	89.10	-		
123	98039.00	98050.25	11.25	-		

124	98050.25	98071.85	21.60	-		
125	98071.85	98083.20	11.35	-		
126	98083.20	98141.20	58.00	-		
127	98141.20	98146.45	5.25	-		
128	98146.45	98468.20	321.75	-		
129	98468.20	98471.80	3.60	-	Bell mouthing of Branch road	
130	98471.80	98497.80	26.00	-		
131	98497.80	98513.55	15.75	-		
132	98513.55	98574.50	60.95	-		
133	98574.50	98578.50	4.00	0.50	Bell mouthing of Branch road	
134	98578.50	98720.00	141.50	-		
		Total Length of Trenching		5916.00	M	
		Total Area of Trenching		3914.40	SQM	
		Total Length of BT Surface Cutting (proposed for HDD)		116.50	M	

3. EE(NH) vide letter dated 01.02.2025 has submitting that, in the site inspection EE(NH) found that 600 mm and 160mm DI pipes has to be laid through 116.50m tar portions, 267.50m concrete portions, 381.50m interlock portions, 211m shoulder, 4939.40m berm portions, road crossing cutting, 49.50m and 6HDD pits covering a total length of 5968m along NH 183. HDD method is proposed in these portions by KWA. And in the balance major portion are proposed with open trenching in interlock, concrete, earthen berm, surfaces on both sides of NH for laying 600 mm DI pipe & 160 mm DI pipes.

4. Notwithstanding above, the proposal is being considered with the assessment of EE, NH, Kollam that no BT cutting shall be involved any condition and the water pipeline shall not be taken through existing bridge/Culvert/Drainage system. If any deviation noticed, necessary legal action shall be taken against concerned officials. EE(NH) Kollam shall monitor the laying of pipeline.

5. A PR work 2021-22 in NH183 in NH183 from Vellavoor (Ch 65/100) to Kottayam Ida junction (ch 99/100) in which this stretch is included is ongoing. It shall be assured by EE(NH) Kollam that Kerala Water Authority proposed utility laying shall not interfere with ongoing PR work.

6. As per the guidelines issued by the Ministry vide letter No.RW/NH-33044/29/2015/S&R (R) dated 22.11.2016, the application will be made available for public comments and the comments will be invited within 30 days from the date of uploading in the Ministry's web site.

7. In view of above, comments of the public on the above proposal is invited to the below mentioned address:

The Regional Officer  
Ministry of Road Transport & Highways,  
Public Office Building,  
Opposite to Museum,  
Thiruvananthapuram - 695033.

Yours faithfully,



(Shiju P Varghese)  
Executive Engineer  
For Regional Officer

Copy to: Senior Technical Director, NIC for uploading in the Ministry's website.