

No. RO/MUM/Laying Utility/MAH/2021-22/WSP-P-45/3777

Office of the Chief Engineer

Government of India, Ministry of Road Transport & Highways (Regional Office, Maharashtra, Goa)

Room No. 508 & 509, Konkan Bhavan, 5th Floor, Sector-6, C.B.D, Belapur, Navi Mumbai- 400614 <u>Tel:-</u> 022-27562370, 27562369, Email:- <u>romum-morth@gov.in;</u> <u>romorthmumbai@gmail.com</u>

Date: 02.06.2022

INVITATION OF PUBLIC COMMENT'S

Subject: - Proposal for Permission to laying Underground Water pipeline 400 mm, 300mm, 200mm, along Morshi - Chandur Bazar - Achalpur road section of NH-353- J, from Ch. In Km, 38/690 (Tongalapur Junction) to 53/790 (Achalpur Junction) in Taluka - Achalpur and Chandur Bazar, District - Amravati, in the State of Maharashtra - Laying Permission Reg. Applicant: M/s Executive Engineer, MJP, Amravati.

Please refer to Superintending Engineer (NH) National Highway Circle, Nagpur vide letter No. SENH /HDM /2022 /WSP-2 /Togalapur Junction /Amravati/783. dated.19.04.2022. submitting therewith Proposal for Permission to laying Underground Water pipeline 400 mm, 300mm, 200mm, along Morshi - Chandur Bazar - Achalpur road section of NH-353- J, from Ch. In Km, 38/690 (Tongalapur Junction) to 53/790 (Achalpur Junction) in Taluka - Achalpur and Chandur Bazar, District - Amravati, in the State of Maharashtra - sought NOC.

2. As per guideline issued by Ministry vide letter no. RW/NH-33044/29/2015/S&R(R), dated 22.11.2016 according to which for cases, Highway Administrator will make in Ministry website the complete application for public comments and comments will be invited within **30 days** from the day of uploading.

3. In view of above, the comments of the public on the above proposal is invited to this office. The detailed proposal submitted by applicant is online available at www.morth.nic.in.

Yours faithfully,

Encl: As above

(Prakash Ambhore) Sr.Tech Assistant. For CE- RO, MoRTH Mumbai.

Copy to:

1) Senior Technical Director, NIC, MoRTH, Transport Bhawan, New Delhi - For uploading on Ministry's website.

2) The Superintending Engineer (NH) National Highway Circle, Nagpur - for information and it is requested to submit in Online License fee (Bharat Kosh) deposit Receipt with Calculation sheets. 2) Bank Guaranty (BG) 3) Site Inspection Report, at the earliest.



T0,

Chief Engineer & Regional Officer, MORTH, 5th Floor, room no. 508/509, Konkan Bhavan, CBD Belapur, Navi Mumbai-400614.

Subject

Water Supply Pipeline -

Proposal for Permission for laying Underground Water Supply Pipeline 400MM, 300MM, 200MM along Morshi-Chandur Bazar-Achalpur road, section of NH-353-J, from Chainage in Km.38/690 (Tongalapur Junction) to 53/790 (Achalpur Junction) in Taluka-Achalpur & Chandur Bazar, District-Amravati in the State of Maharashtra.

Applicant:- Executive Engineer, MJP, Amravati.

Referance :- Executive Engineer, National Highway Division, Amravati Office letter No. DM/WSP/Tonglapur/NH-353-J/2022/522/dtd.25/3/2022.

With reference to the above subject, Executive Engineer, National Highway Division, Amravati has submitted the Proposal for Permission for laying Underground Water Supply Pipeline 400MM, 300MM, 200MM along Morshi-Chandur Bazar-Achalpur road, section of NH-353-J, from Chainage in Km.38/690 (Tongalapur Junction) to 53/790 (Achalpur Junction) in Taluka-Achalpur & Chandur Bazar, District-Amravati in the State of Maharashtra.

The site is inspected & proposal is scrutinized by Sub Divisional Engineer, NH Sub Division No.2, Amravati. The proposal has been examined by E.E., NH Division, Amravati as per MoRT&H Guidelines, dated 22.11.2016. The charges applied for above proposal calculated by E.E., NH Division, Amravati have been deposited by the applicant in Bharat Kosh.

Proposal with reference letter, Inspection Report, Abstract, Calculation sheet, Bank Guarantee, Bharat Kosh Receipts, Check list & requisite Certificate/Ddocuments are submitted herewith for approval of proposal please.

DA :- Proposal in 2 copies.

Copy to : - 1) Executive Engineer, National Highway Division, Amravati for for information & necessary action.

ate. 6

 Executive Engineer, Maharashtra Jivan Pradhikaran Division, Amravati for information & necessary action.

D/HDM/2022/WSP-2/Tongalapur Junction/Akola/NH-353-J/

(M. M. Jaiswal) Superintending Engineer National Highway Circle,

में ग.रा.म. मंडळ	
स्ति मुर	. 89
सहाः अ.अ. (U) अधिक्षक कार्यासन प्रन्ते U-1	Office of The Executive Engineer National Highway Division "Bathkam Bhawan " Camp, Amravati Tel No. 0721-2550412
आ.क्रमारु क्रिमांक No. 522/DM/२०२२/	Email: nhamravati.ee@mahapwd.com Date 7 5 MAR 7022

The Superintending Engineer, National Highway Circle, Civil lines, PWD Campus, **NAGPUR**

विषय :- Proposal for Permission of Laying 400 MM, 300 MM, 200 MM dia meter water pipe line along the Morshi-Chandurbazar-Achalpur Road. NH No. 353 J. Form Tonglapur junction to Achalpur junction Ch. 38+690 to Ch. 53+719, Length - 15.029 Km.

- संदर्भ :- 1. Executive Engineer, Maharashtra Jeewan Pradhikaran Division, Amravati Lr. No. 982/2021 Date 10/05/2022
 - Sub-Divisional Engineer, N.H. Sub-Division No. 2, Amravati Lr. No. 258/2021 Date 16/06/2021
 - 3. This office Lr. No. 290/DM/2022/Date 15/02/2022
 - 4. Your office Lr. No. SENH/HDM/2022/WSP-2/Tongalapur Junct/Amravati/518 Date 15/03/2022

With reference to letter No. 1 Executive Engineer, Maharashtra Jeewan Pradhikaran Division, Amravati has submitted the Proposal for Permission to Laying 400 MM, 300 MM, 200 MM dia meter water pipe line along the Morshi-Chandurbazar-Achalpur Road. NH No. 353 J. Form Tonglapur junction to Achalpur junction Ch. 38+690 to Ch. 53+719, Length - 15.029

The Proposal is Submitted with Abstract Sheet, Calculation Sheet & Land Valuation Sheet of Department of Registration & Stamps, also every page of Check List is to Be signed by Executive Engineer.

The Sheet for Calculation of Charges is enclosed herewith for referaence. The Proposl for laying Pipeline along and across NH-161 A is submitted here with for information and necessary action, Please.

(B. D. Khathakar)

M Amravati

Executive Engineer,

National Highway Division,

D.A. 1. Checklist and Proposal in four Copies 2. Detail Calculation Sheet by Sub-Dn

and Absteact

3. Spot Inspection Certificate by Sub-Dn Engineer

Copy to :-

- 1. Executive Engineer, Maharashtra Jeewan Pradhikaran Division, Amravati.
- 2. Sub-Divisional Engineer, N.H. Sub-Division No. 2, Amravati for information.

आरेखक/ D/Letter 2019

MAHARASHTRA JEEVAN PRADHIKARAN CIRCLE AMRAVATI

MAHARASHTRA JEEVAN PRADHIKARAN DIVISION AMRAVATI





Road Crossing Proposal

83 VILLAGES R.R. WATER SUPPLY SCHEME Tq.: Achalpur & Chandur Bazar, Dist.: Amravati

Proposal for permission of laying 400 mm, 300 mm, 200 mm diameter Water Pipeline Along the Morshi Achalpur Road NH-353 J from Tonglapur junction to Achalpur Juction CH. 38+690 to CH. 53+719

Sub-Divisional Engineer Maharashtra Jeevan Pradhikaran Sub Division Chandur Bazar

Executive Engineer National Highway Division Amravati

CHECK LIST

Guidelines for the application for processing for laying Water Pipe line in the Land along/across National Highway vested with Executive Engineer, National Highway Division AmgavATL

Relevant Circulars :-

- 1) Ministry circular No. MH- 41(58)/68 Dated. 31.01.1969.
- 2) Ministry circular No. MH- III/P/66/76 Dated. 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 (ii) Dated.19.01.1995
- 6) Ministry circular No. RW/NH-34066/95/5 & R Dated.25.10.1999.
- 7) Ministry circular No. RW/NH-3466/7/2003, S&R (B) Dated.17.09.2003.
- 8) Ministry circular No. RW/NH-33044/29/2015, S&R (B) Dated.22.11.2016.

Sr. No	Item	Information /Station	Remark
1)	General Information		
1.1	Name and address of the application agency.	Executive Engineer MJP Div. Amravati	-
1.2	National Highway Number	NH-353J	
1.3	State	MAHARASHTRA	-
1.4	Location	Morshi Achalpur Road NH-353J	
1.5	(Chainage in Km.)	Starting Chainage- 38+690 Ending Chainage- 53+719	~
1.6	Length in meters	ALONG THE ROAD 15.029 KM	
1.7	Width of available ROW	24 Mtrs.	24 mitos
	 a) Left side from centre line towards increasing chain age/km direction. 	12.00 m	12.00 m
	 b) Right sided from centre line towards increasing chain age/km direction. 	12.00 m	12.0000
1.8	Proposal to lay underground Water Pipe Line	At the edge of Row	At the edge of Row
	 a) Left side from centre line towards increasing chain age/km direction. 	12.00 m	At the Extreme Edge
2	b) Right sided from centre line towards increasing chain age/km direction.	12.00 m	At the Extreme Edge
1.9	Proposal to acquire land	NA	NA
	a) Left side from centre line	-	-
	b) Right side from centre line	-	-
1.1 0	Whether proposal is in the same side where land is to be acquired	-	
	If not then where to lay the pipe line	-	-
1.11	Details of already laid services, if any, along the proposed route.	-	6

Check List for getting approval for laying Water Pipe Line along/across NH Land.

Satish fol./styen sir/subdiv-2/Akola Agreement Doc

Executive Engineer National Highway Division, Page 1

1.12	Number of lanes (2/4/6/8 lanes) existing	2 - Lane	2 - Lane
1.13	Proposed number of lanes (2 lane with paved shoulders/4/6/8 lane)		
1.14	Service road existing not	N.A.	-
	If Yes then which side		
	a) Left side from centre line		
	b) Right side from centre line		
1.15	Proposed service road	N.A.	N.A.
	a) Left side from centreb) line		
	c) Right side from centre line		
1.16	Whether proposal to lay water pipe line is after the service road and main carriageway		
1.17	The Permission for laying water pipe line shall be considered for approval/rejection base on the Ministry circulars mentioned as above. A. Caring of sewage /gas pipe lines on highway bridges shall not be permitted as fumes/gases pipes can accelerate the process of corrosion or may cause explosions, thus being much more injurious than leaking of water. B. Carrying of sever pipe lines on bridges shall also be discouraged. However if the sever supply. Authorities seem to have no other viable alternative and approach the highway authority well in time before the design, of the bridge is finalized, they may be permitted to carry the pipeline, on independent superstructure , supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repairs etc.		
	C. Cost of required extension of the substructure as well as thought of the supporting superstructure shall be borne by the agency-in-charge		
	Of the utilities . d. Service are not being allowed indiscriminately on the parapet /any		

The state

141

(Executive Engineer National Highway Division, RU Amravet

Page 2

	part of the bridge, safety of the bridge has to be kept in view while permitting various services along bridge Approvals are to be accorded in this regard with bridge. Approvals are to be accord in this regard with the concurrence of the Ministry's Project Chief Engineers Only.		
1.18	If crossing of the road involved. If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	N.A.	N.A.
	a) Existing drainage structure shall not be allowed to carry the lines.b) Is it on a line normal to NH?	-	
	c) Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 15 m what is the distance from the existing structures ?		
	d) The casing carrying the utility line shall be of steel, cast iron, or reinforced cement. Concreted and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe.		
	 e) Ends of the casing/conduit 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 tow of slope in the fills. 		
	g) The top of the casting/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.		
	 h) Crossing shall be by boring method (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type. 		
	 i) The casting/ conduit pipe shall be installed with an even bearing throughout its length and is such a manner as to prevent the formation of a sever way along it. Drawing /Drawings enclosed with the proposal 		

2

Executive Engineer National Highway Division, Amraveti

Page 3

2) (2.1)	Cross section showing the size of trench for open trenching method (is it normal size of1.2 m deep x 0.3 m wide) i. Should not be greater than 60 cm	Yes Attached	
	wider than the outer diameter of the pipe.ii. Located as close to the extreme edge of the right of way as possible		
	but not less than 15 m from the centre - lines of the nearest carriageway.		
	iii. Shall not be permitted to run along the national Highway when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.		
	iv. These should be sox laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.		_
2.2	Cross section showing the size of pit and location of water pipe line of HDD method.		NA
2.3	Strip. Plan/Route plan showing water pipe line, chain age, width of ROW, distance of proposed. Water pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.		yes ottached
2.4	Methodology for laying of water pipe line	Open trench Method for along the road	open then ch Method as per sheet addactied
2.4.1	Open trenching method.(may be allowed in utility corridor only where pavement is neither cement concrete not dense bituminous concrete type. it yes methodology for laying of showing water pipe line.	As per the norms for Open trench Method	As por morms
	 a) The trench width should be at least 30cm, but not more than 60 cm wider than the outer diameter of the pipe. 	Agree	
	b) For filling of trench, bedding shall be to a depth of not less than 30cm it shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden changed in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	Agree	

5

Page 4

Executive Engineer National Highway Division; Amravati

c)			
	The back fill shall be completed in two stage.	Agree	
i.	Side fill to the level of the top of the pipe and		
ii.			
d)	The side-fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor's density. Overfill shall be compacted to the material that had been removed consolidation by saturation or ponding will not be permitted.	Agree	
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 dip of trench.	Agree	
f)	The excavation shall be protected by flagman signs and barricades and red lights during night hours.	Agree	
g)	If required a diversion shall be constructed. At the expense of agency owning the utility.	Agree	-
	orizontal Directional drilling (HDD) ethod.		
be ed di su co iss let	aying of water pipe line/mains shall e carried along a line as close to the dge of right-if-way as possible up to a istance of 30 m from the bridge and ubject to all other stipulations ontained in this ministries guidelines sued with guidelines issued with tter no. NH /HI/P/66/76, Dated. 9.11.1976		
-	raft license agreement signed by two itnesses.	Attached	
of Hi ob Rs pe (e: co en	erformance Bank Guarantee in favor Executive Engineer National ighway Division Akola has to be otained @Rs. 100 \per running eter (parallel to NH) and s.1,00,000/- per crossing of NH, for a eriod of I one year initially xtendable it required till satisfactory ompletion of work) as a security for issuring / making good the excavated ench for laying the pipe line / ducts y proper filling and compaction,	Agree	

<u>`</u>`

.

Executive Engineer National Highway Division, Amravati

Page 5

4.1	Performance BG as per above is to be obtained	Agree shall be submitted as soon as initial permission given by NH	
4.2	Confirmation of B has been obtained as per Govt. guidelines.		
5	Affidavit/Undertaking from the applicant for)
5.1	Not to damage to other utility if damaged then to pay the losses either to NH. Authority or to the concerned agency.	Enclosed	
5.2	Renewal of Bank Guarantee	Enclosed	
5.3	Confirming all standard condition of MORTH guideline.	Enclosed	
5.4	Shifting due to 6 lanning/ widening of NH.	Enclosed	
5.5	Shifting due to 6 lanning/ widening of NH.	Enclosed	
5.6	Identity against all damages and claims clause (xxiv)	Enclosed	
5.7	Traffic movement during laying of water pipe line to be managed by the applicant.	Enclosed	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Enclosed	
5.9	Prior approval of the NH Authority shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing water pipe line located in the national Highway light of ways.	Enclosed	
5.10	Expenditure, if any incurred by. NH Authority for repairing any damages caused to the National Highway by the laying maintenance or shifting of the water pipe line will be borne by the agency owning the line.	Enclosed	
5.11	If the NH Authority 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 NH. Authority at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Enclosed	
5.12	Certificate from the applicant in the following format.		

-,

Executive Engineer National Highway Division,

Page 6

	 i) laying of water pipe line will not have any deleterious effects on any or the bridge components and roadway safety for traffic. 		
	 ii) For 6-lanning we do undertake that I will relocate service road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NH. Authority for future six-lanning or any other development. 		
6	Who will sign the agreement on behalf of water pipe line laying agency?	Executive Engineer, MJP Division , Amravati.	
7	Certificate from the Executive Engineer		
7.1	Certificate for confirming of all standard condition issued vides Ministry circulates No.MH-41(58)/68 Dated.31.01.1969, Ministry circular No.III/P/66/76, Dated.18/19.11.1976, Ministry circular No.RW/NH- III/P/66/76, Dated.11.05.1982, Ministry circular No.RW/NH- 11037/1/86-DOI (ii)Dated. 19.11.1995, Ministry circular No. RW/ NH -34066 /95/S&R Dated. 25.10.1999 & Ministry circular No. RW/ NH -34066/6/2003 S & R (B) Dated 17.09.2003		
7.2	Certificate from SDE in the following format.		
	 i) It is certified that any other location of water pipe line would be extremely difficult and unreasonable costly and the installation of water pipe line within ROW not adversely affect the design, stability and 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. 		
	 b) In case feasibility report is no available "I do certify that sufficient ROW is available at site for accommodating proposed six- laning. 		

Executive Engineer National Highway Division, Re Amravati

Page 7

9	Who will supervise the work of laying of water pipe line .	Executive Engineer MJP Division Amravati.	Executive Engineer MJP Division Annoura
10	Who will ensure that the defects in road portion after laying of water pipe line are corrected and if not corrected then what action will be taken.	National Highway Division Akola -	PI II P C allegendery Non - Sur
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire?	N.A.	N.A.
12	A certificate from EE that he will enter the proposed permission in working of concessionaire id asked by the concessionaire	Yes	Yes
13	A certificate from EE that he will enter the proposed permission in register of record of the permission in the prescribed perform (copy enclosed)	Yes	Yes
14	If any previous approval is accorded for laying of undertaking water pipe line then photocopy of register of records of permission by EE then copy be enclosed.	-	-

52

-Sub Divisional Engineer Maharashtra Jeevan Pradhikaran Sub-Division, Chandur Bz.

Sob Divisional Engineer National Highway Sub Division No.2 AMRAVATI

Executive Engineer Maharashtra Jeevan Pradhikaran Division, Amravati.

Executive Engineer National Highway Division, du Akola.

Certificate

This is to certify that Proposal for permission of laying 400 mm ,300 mm ,200 mm diameter water pipeline along the Morshi Chandurbazar Achalpur Road NH 353 J from Tonglapur Junction to Achalpur Junction Ch.38+690 to Ch.53+719, Length -15.029 km. As per spot Inspection by this office, it is observed that no trenching work found on above site at the time of Inspection.

Sub Divisional Engineer National Highway Sub-Division No.2 Amravati











