

**भारतीय राष्ट्रीय राजमार्ग प्राधिकरण**  
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)  
**क्षेत्रीय कार्यालय-उत्तराखण्ड**  
**National Highways Authority of India**

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

**Regional Office-Uttarakhand**

मकान नं०-58/37 बलबीर रोड, देहरादून-248001

House No.-58/37, Balbir Road, Dehradun-248001

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दूरभाष/Phone : 91-0135-2669762

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वेबसाइट/Website : www.nhai.gov.in

50663/NHAI/RO-UKD/2014/15712

11.08.2021

**Invitation of Public Comments**

**Sub: Four laning of Rampur-Kathgodam section of NH-87 from Km.43446 to Km.93.226 (Package-II) in the State of Uttarakhand under NHDP Phase-III on Hybrid Annuity Mode.**

**S.H:- Proposal of M/s Uttarakhand Peyjal Sansadhan Vikas Evam Nirman Nigam regarding permission for laying of 300mm DI K-7 Sewer pipe line at the following stretches:**

- (i) From Ch.51+685 to Ch.52+284 on LHS along NH-87
- (ii) From Ch.52+284 towards Dineshpur along the existing NH-87
- (iii) Road Crossing at Ch.51+685 of NH-87 through HDD

The proposal is regarding permission sought by Executive Engineer, Uttarakhand Peyjal Sansadhan Vikas Evam Nirman Nigam for laying of 300mm DI K-7 Sewer pipeline along the road from Ch.51+685 to 52+284(LHS) & from Ch. 52+284 (LHS) towards Dineshpur around 156m along the existing NH-87 & 1 road crossing through HDD at Ch.51+685 of Rudrapur-Kathgodam section of NH-87 in the state of Uttarakhand submitted to this office by PD, Rudrapur, NHAI vide letter no. NHAI/PIU-RUPC/NH-87(Pkg-II)/NOC/2021/1320 dated 24.06.2021.

2. As per para-4 of MoRTH Guidelines no. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the proposal submitted by M/s Uttarakhand Peyjal Sansadhan Vikas Evam Nirman Nigam shall be made available for 30 days in the public domain for seeking public comments/objections (on the ground of public inconvenience, safety and general public interest).

In view of the above, comments/objections of the public on the above proposal is invited to the below mentioned address, which should reach by this office within 30days from the date of uploading beyond which no comments shall be entertained.

**The Regional Officer,**  
**Regional Office-Uttarakhand**  
**National Highways Authority of India**  
(Ministry of Road, Transport & Highways)  
House No.-58/37, Balbir Road, Dehradun-248001

Yours faithfully,

96  
11.08.2021  
(C.K Sinha)

**CGM (Tech.) cum RO-Uttarakhand**

Copy to:

- 1) Web Admin-NHAI HQ, New Delhi:- with request for uploading on the NHAI website.
- 2) The Technical Director, NIC, Transport Bhawan, New Delhi:- with request for uploading on the Ministry's Website.
- 3) PD, PIU-Rudrapur- for information & necessary action



## भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

**National Highways Authority of India**

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

परियोजना कार्यान्वयन ईकाई-रुद्रपुर

**Project Implementation Unit-Rudrapur**

3rd फ्लोर, श्री गुरु अंगद देव जी कॉम्प्लेक्स, रुद्रपुर, - 263153

3rd Floor, Shri Guru Angad Dev ji Complex, Rudrapur - 263153

दूरभाष/Phone : 05944-297890

ई-मेल/E-mail: pdpiurudrapur@nhai.org

वेबसाइट/Website : www.nhai.org

No. NHAI/PIU-RUPC/NH-87 (PKG- II)/NOC/2020/2913

Date: 01.12.2020

To,

Regional Officer

National Highways Authority of India

House No.- 58/37, Balbir Road,

Dehradun- 248001 (Uttarakhand)

**Sub: Four Laning of Rampur-Kathgodam section of NH-87 from km 43.446 to km 93.226 (Package-II) in the State of Uttarakhand under NHDP Phase-III on Hybrid Annuity Mode.**

**- Permission for laying of Sewer line along km.51.700 to 52.500 and crossing of NH-87-Reg.**

Ref:- (i) EE, PIU(AMRUT), Uttarakhand Payjal Sansadhan Vikas Evam Nirman Nigam, Jal nigam colony, near railway station, Roorkee letter 562/डिपोजिट कार्य सिडकुल पन्तनगर/23 dated 20.06.2020.  
(ii) This office letter no. NHAI/PIU-RUPC/NH-87(Pkg-2)/2020/1420 dated 26.06.2020.  
(iii) EE, PIU (AMRUT), Uttarakhand Peyjal Sansadhan Vikas Evam Nirman Nigam, Jal nigam colony, near railway station, Roorkee letter 790/Deposit work SIDCUL Pantnagar/37 dated 27.07.2020.  
(iv) This office letter no. NHAI/PIU-RUPC/NH-87(Pkg-2)/2020/1858 dated 20.08.2020.  
(v) IE, M/s LASA Pvt. Ltd. letter no. LASA/NH-87/73586/NHAI/2020/1012 dated 17.09.2020.  
(vi) EE, PIU(AMRUT), Uttarakhand Peyjal Sansadhan Vikas Evam Nirman Nigam, Jal nigam colony, near railway station, Roorkee letter no.1821/SIDCUL Pantnagar Deposit work/73 dated 13.11.2020 received on 18.11.2020 in this office.

Sir,

With reference to above mentioned subject, kindly refer to EE, PIU (AMRUT), Uttarakhand Peyjal Sansadhan Vikas Evam Nirman Nigam, Roorkee letter dated 27.07.2020 submitting therewith the proposal regarding seeking the permission for laying of sewer line along km.51.700 to 52.500 (LHS) and crossing of NH-87 at Km.51+700 in Rudrapur Tehsil of Udham Singh Nagar District.

2. Initially the proposal was submitted by Peyjal Nigam vide letter dated 20.06.2020 however after examining the proposal certain observations were raised by this office and conveyed the observations vide letter dated 26.06.2020 cited at ref(ii). Further, proposal was resubmitted by the Peyjal Nigam which was further forwarded to IE for comments and recommendation. Whereas IE pointed few observations which was revert back to Peyjal Nigam for the compliance. Peyjal Nigam submitted the proposal in which they mentioned that there is existing gas pipe line laid along the proposed route and the same was also depicted on strip chart. Consequently, the matter was further referred to Adani Gas Pipe line and after inquiry they informed that the Adani Gas pipe is laid along the NH-87 however the same is beyond the ROW of NH-87. Therefore the proposal was again amended by the Peyjal Nigam and received on 18.11.2020 in this office.

3. The proposal submitted by Peyjal Nigam has been examined and following has been noted:-

- (i) The total length of proposed sewer line is 785m (740m along the road and 45 m crossing). The sewer line is proposed to lay from Ch. 51+700 to Ch.52.284 on LHS along the NH-87 (584m length) whose widening work is carried out by the M/s Sadbhav Engineering Pvt. Ltd. and from Ch.52.284 towards Dineshpur sewer line around 156m length is proposed to lay along the existing road, the stretch is entrusted

OK



01/12/2020

(2)

to NHA and only maintenance work is being carried out by the engaged Concessionaire. Also, there is realignment portion starting from Ch.52.284 towards Haldwani.

- (ii) The said proposal has been submitted as per Ministry Guidelines No.RW/. NH33044/ 29/2015/ S&R(R) dated 22.11.2016.
- (iii) All the documents submitted along the proposal are counter signed by the authorised signatory of Peyjal Nigam for whom Power of Attorney has also been enclosed.
- (iv) Required undertakings are enclosed with the proposal.
- (v) Scope of work and Methodology of methods being adopted are also enclosed for laying sewer line along the highway (through Open Trenching & Auger Boring Method). (Strip plan, Google map, route plan and cross sectional drawings submitted by Peyjal Nigam are duly signed by the authorised signatory.
- (vi) Draft agreement signed by authorised signatory has also been enclosed with the proposal.
- (vii) Calculation sheet of License Fee along with Circle rate copy for reference is enclosed.

4. The said proposal has also been reviewed by IE and accordingly, IE vide the letter dated 17.09.2020 submitted their recommendation for the subject proposal.

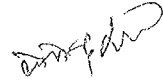
5. In this regard, as per the Gazette Notification No. S.O.3293(E) dated 16.09.2019, the power under Section 25 (Grant of lease or license of Highway land for temporary use) of the Control NHA for the stretch entrusted to NHA, RO Uttarakhand is delegated powers under section 25 of said gazette notification dated 16.09.2019 for granting permission for subject proposal.

Hence, in view of above and as per recommendations of IE, in pursuant to Gazette Notification No. S.O. 3293(E) dated 16.09.2019, the proposal for crossing of sewer line at Ch. 51.700 and laying of Sewer line along Ch. 51+700 to Ch.52.284 on LHS in 584m length & from Ch.52.284 towards Dineshpur sewer line around 156m length in Rudrapur Tehsil of Udham Singh Nagar District is hereby recommended and forwarded for soliciting approval of Competent Authority.

Thanking You.

Encl: As above.

Yours faithfully,

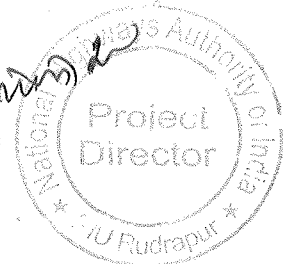
  
(Yogendra Sharma)  
Project Director

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**CHECK-LIST****Annexure-III**

Sl. No.	Item	Information/Remarks Status
1	General Information	
1.1	Name and address of the applicant/Agency	Project Implementation Unit (AMRUT) , Uttarakhand peyjal nigam, Roorkee.
1.2	National highway number	NH- 87
1.3	State	Uttarakhand
1.4	Location	SIDCUL, Rudrapur
1.5	(Chainage in Km.)	45 M. crossing at Ch. 51+685, From Ch. 51+685, to Ch. 52+284 on LHS along NH -87 (599m) and from Ch. 52+284 towards Dineshpur around 156m on existing NH-87 section.
1.6	Length in meters	751.00 m Left side & 45.00 m Crossing
1.7	Width of available ROW	29.00(km 51+685 to km 52+284)
	a) Left Side from centre line towards increasing chainage/Km diredction	29.00 m
	b) Right side from centre line towards increasing chainage/km. direction	29.00 m
1.8	Proposal to lay underground Sewer line	As per drawing attached
	a) Left Side from centre line towards increasing chainage/Km direction	As per drawing attached
	b) Right side from centre line towards increasing chainage/km. direction	N.A.
1.9	Proposal to acquire land	
	a) Left Side from centre line	Alignment of Sewer line shown as per drawing
	b) Right side from centre line	N.A.
1.10	Whether proposal in the same side where land is not to be acquired.	Yes
	if not, then where to lay the water supply pipe line.	
1.11	Details of already laid services, if any, along the proposed route	No
1.12	Number of lanes (2/4/6/8 lanes) existing	4
1.13	Proposed number of lanes (2 lanes with paved shoulders 6/8 lanes)	No lanes proposed as of now
1.14	Service road existing or no :	
	if yes, then which side	
	a) Left Side from centre line	No
	b) Right side from centre line	No
1.15	Proposed Service Road	
	a) Left side from centre line	Yes
	b) Right side from centre line	Yes

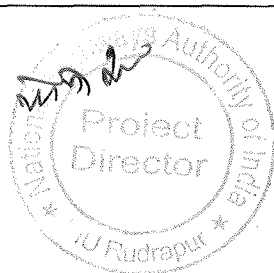
*mu*  
Dy. Manager (Tech.)  
HAL, PIU-Rudrapur (U.E.D.)



*raj*  
EXECUTIVE ENGINEER  
Project Implementation Unit (Amrut)  
Uttarakhand Peyjal Nigam  
Roorkee  
*De*

Sl. No.	Item	Information/Remarks
1.16	The Permission for laying of Sewer line shall be considered for approval/ rejection based on the Ministry Circulars Mentioned as above.	Status Yes
	(a) Carrying on sewage/gas pipeline on highway bridge shall not be permitted as fumes/gases pipes can accelerate the process of corrosion or may cause explosions thus being much more injurious than leakage of water.	NA
	(b) Carrying of water pipelines on bridges shall not be discouraged. However, if the water supply authorities seem to have no other viable alternatives and approach the highway authority well in time before the design of the bridge is finalized they may be permittee to carry the pipeline on independent superstructure, supported on extended portion of piers and abutments in such a manner that in the final arrangement enough free space around the superstructure of the bridge remains available or inspection and repairs etc.	NA
	(c) cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities.	NA
	(d) Services are not being allowed indiscriminately on the parapet any part of the bridges safety of the bridges has to kept in view while permitting various services along bridge. Apporvals are to be accorded in this regard while the concurrence of the Ministry's project Chief Engineers only.	NA
1.17	If crossing of the road involved	yes
	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	yes
	(a) Existing drainage structures shall not be allowed to carry the lines.	N.A.
	(b) Is it on a line normal to NH	Yes
	(c) Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 15 metre.	Complying
	What is the distance from the existing structures.	N.A.
	(d) The casing pipe (or conduit pipe in the case of the electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	yes
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	yes
	(f) The casing/conduit pipe should as minimum extend from drain to drain in cuts and be of slope in the fills.	yes
	(g) The top of the casing/conduit pipe should be at least 2 meters below the surface of the road subject to being at least 0.3 meter below the drain inverts.	yes
	(h) Crossing shall be by boring method (HDD) especially where the existing road pavement of cement concrete or dense bituminous concrete types	Yes (Augar boring method (Trenchless)at ch. 51.685 km)

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Dy. Manager (Tech.)  
HAI, PIU-Rudrapur (U.K.D.)

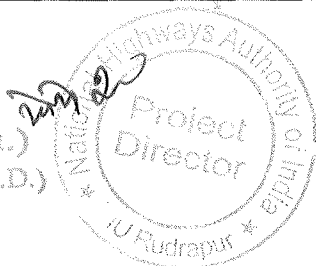


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EXECUTIVE ENGINEER  
Project Implementation Unit (Amrit)  
Uttarakhand Poyjal Nigam  
Roorkee

Sl. No.	Item	Information/Remarks Status
	(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.	yes
2	Document/Drawings enclosed with the proposal	yes
2.1	Cross section showing the size of trench for open trenching method (it is normal size of 1.2-meter-deep × 0.3 meter wide)	yes
	(i) Should not be greater than 60 cm wider than the outer diameter of the pipe.	Accepted
	(ii) Located as close to the extreme edge of the right of way possible but not less than 10.20 meter from, the centre lines of the nearest carriageway.	yes
	(iii) Shall not be permitted to route along the National highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.	yes
	(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.	yes
2.4	Methodology for laying of Sewer line	
2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type). If yes Methodology of refilling trench	Open trenching , yes
	(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
	(b) For filling of the trench. Bedding shall be to a depth of not less than 30 cm. it shall consist of granular or 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
	(c) The backfill shall be completed in two stage (i) side fill to the level of the top of the top of the pipe and (ii) overfill to the bottom of the road crust.	yes
	(d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tempering and controlled addition of moisture to 95% of the proctor's Density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by Saturation of ponding will not be permitted.	yes
	(e) The road crust shall be built to the same strength as the existing crust on either side of the trench.	yes
	(f) The excavation shall be protected by flagman, signs and barricades and red light during night hours	yes
	(g) If required, as diversion shall be constructed at the expense of agency owning the utility line	yes
2.4.2	Horizontal Directional Drilling (HDD) method.	Auger Boring method (Trenchless) at 51.685 km
2.4.3	Laying of Sewer line through CD works and method of laying	

Sl. No.	Item	Information/Remarks Status
	(a) On approaches, the water mains/cables shall be carried along a line as close to the edge of the right of way as possible up to a distance of 12.20 meters from the bridge and subject to all other stipulations contained in this Ministry's guidelines issued with letter number-Nill I-HI/66/76 dated- 19.11.1976	yes
3	Draft License Agreement sign by two witnesses	Submitted
4	Security deposit of Rs. 1,00,000/-per crossing of NH for a period of 1 year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction clearing debris/loose earth Produced due execution of trenching at least 50 meter away from the edge of the right of the way. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth.	yes
4.1	Performance BG as per above is to be obtained	yes
5	Confirmation of BG has been obtained as per NHAI guidelines affidavit/undertaking from the applicant for	Enclosed
5.1	Not to damage to other utility if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed
5.2	Confirming all standard condition of NHAI guideline	Enclosed
5.3	Shifting of Sewer line as and when required by NHAI at their own cost	Enclosed
5.4	Shifting due to 6/8 lanning/widening of NH	Enclosed
5.5	Indemnity against all damages and claims clause (xxiv)	Enclosed
5.6	Traffic movement during laying of water/gas supply pipeline to be managed by the applicant	Enclosed
5.7	If any claim is raised by the concessionaries, then the same has to paid by the applicant	Enclosed
5.8	Prior approval of the NHAI shall be obtained before undertaking any work of installation shifting or repairs or alteration to the showing water/gas supply pipeline located in the National Highway right-of-ways.	Enclosed
5.9	Expenditure if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying maintenance or shifting of the water/gas supply pipeline will be borne by the agency owing the line.	Enclosed
5.10	If the NHAI considered 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 agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given	Enclosed
5.11	Certificate from the applicant in the following format	
	(i) Laying of Sewer line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	Enclosed
	(ii) For 6/8 lanning "we do undertake that I will relocate service road/approach road utilities at my own cost not with standing the permission granted within such time as will be stipulated by NHAI for future 6/8 lanning or any other development"	Enclosed

*mer*  
Dy. Manager (Tech.)  
NHAI, PIU-Rudrapur (U.K.D.)

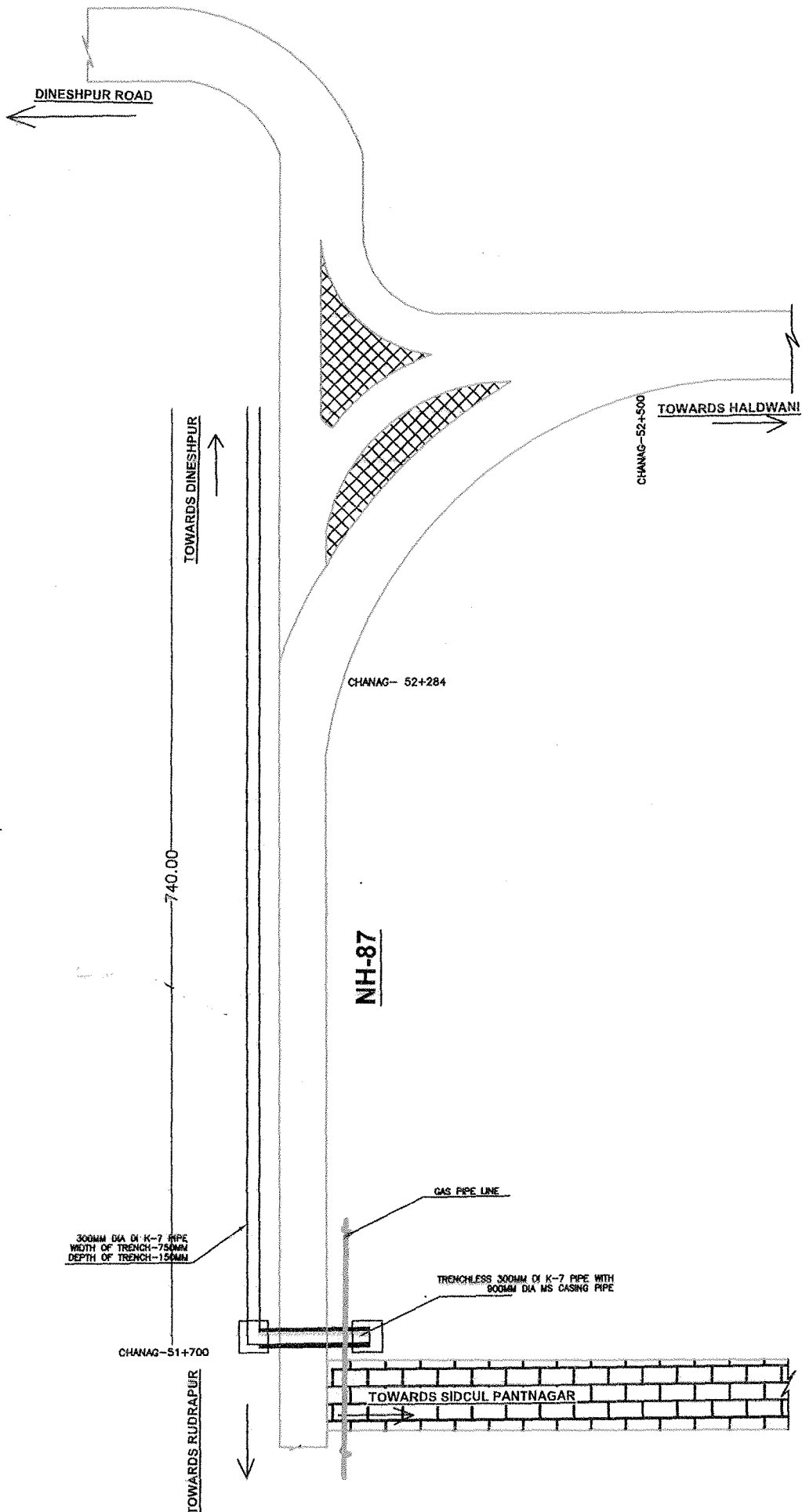


*De*  
EXECUTIVE ENGINEER  
Project Implementation Unit (Amrut)  
Uttarakhand Pwajal Nigam  
Roorkee

Sl. No.	Item	Information/Remarks Status
6	Who will sign the agreement on behalf of Sewer line agency	Executive Engineer, Project Implementation Unit (AMRUT) , Uttarakhand peyjal nigam, Roorkee.
7	Power of attorney to sign agreement available or not certificate from the project director.	N.A.
7.1	Certificate for confirming of all standard condition issued vide. Ministry Circular No. NH-III/P/66/76 DATED 1/19-11-1976. Ministry Circular No- NH-RW/NH-III/P/66/76 dated- 11/05/1982 Minister Circular No-RW/NH-11037/1/86 DOI (ii) dated 28-07-1993. Ministry Circular No- RW/NH-34066/2195 S&R DATED 25-10-1999 and Ministry circular No-RW/NH-34066/7/2003 S&R (B) dated 17-09-2003	(Yes)
7.2	Certified from PD in the following format. (i) It is certified that any other location of the water/gas supply pipeline would be extremely difficult and unreasonable costly and the installation of water/gas supply 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 6/8 lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six lanning based on the feasibility report considering proposed structures at the said location. (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six lanning".	(Yes)
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 of lay pipe/duct has also been granted the right of way to the concessionaire under the concession agreement for up gradation on build Operate and and transfer basis and therefore the licensedd shall honour the same.	
9	Who will supervise the work of laying or Sewer line .	Project Implementation Unit (AMRUT) , Uttarakhand peyjal nigam, Roorkee.
10	Who will ensure that the defects in road portion after laying of Sewer line are corrected and if not corrected then what action will be taken.	Project Implementation Unit (AMRUT) , Uttarakhand peyjal nigam, Roorkee.
11	Who will pay the claim for damages done/disruption in working of concesionaire if asked by the concessionaire.	Project Implementation Unit (AMRUT) , Uttarakhand peyjal nigam, Roorkee.
12	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed preform (Copy enclosde)	Yes
13	If any previous approval is accordance for laying of unederground Sewer line then photocopy of register of records of permission accorded as, maintaioned by PD then copy be enclosed.	Yes



## ROAD CROSSING NH- 87 SIDCUL PANTNAGAR



- ☐ 300MM (K-7) DIA DI PIPE -45 MTR IN TRENCHLESS
- ☐ 300MM (K-7) DIA DI PIPE -740 MTR ALONG NH-87

Note:- Not to Scale

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