



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Govt. of India)



परियोजना निदेशक का कार्यालय, परियोजना कार्यान्वयन इकाई – कानपुर
Office of the Project Director, Project Implementation Unit - Kanpur

म.नं. 337-डी, श्याम नगर, कानपुर - 208013 • House No. 337-D, Shyam Nagar, Kanpur - 208013

दूरभाष / Phone : (0512) 2630154 • ई-मेल / e-mail : knp@nhai.org

NHAI/13028/PIU/KNP/ 58.250..NH-34/2025/NOC/ 1121

Dated: 18 June 2025

Invitation of Public Comments

Sub: Request for grant of permission for laying /crossing of 12 " steel pipeline on NH-34 from Km 58.250 to Km 62.250 (RHS) in District- Kanpur & from Km 67.100 to Km 91.250 (RHS) in District- Hamirpur & Crossing at Km 58.250 (Crossing length - 40.50m) through HDD/Open- cut Method. Toal length 28.1905 Km in District Kanpur & Hamirpur, Uttar Pradesh.

The office of the Indraprastha Gas Limited, Banda, Uttar Pradesh has submitted the proposal for laying/crossing of underground gas pipeline at above chainages on NH-34 (Old NH-86) Kanpur-Kabrai section at Villages- Anupur, Rampur, Kuchecha, Chandaukhi, Kundaaura, Sumerpur, Bharuva and Inghota in District- Kanpur & Hamirpur (U.P.).

From the submitted proposal, it is seen that the crossing length is proposed 40.50 m (Variable) at above chainages. The work of pipeline execution to be carried out through HDD/open cut method. Width of available ROW in LHS & RHS side is 20.25 m - 20.25 m (Variable) from center of NH-34. The exiting NH is 2-lane with paved shoulder.

As per the guidelines, issued by the MORTH No. RW/NH-33044/29/2015/S&R (R) (dtd. 22.11.2016. The application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interests).

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

उपमहाप्रबंधक (तकनीकी) / परियोजना निदेशक,
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
परियोजना कार्यान्वयन इकाई
337-D, श्याम नगर, कानपुर - 208013

यह पत्र क्षेत्रीय अधिकारी - उ.प्र. (पश्चिम) के अनुमोदनोपरान्त जारी किया जा रहा है।
संलग्नक : उपरोक्तानुसार।

(पंकज यादव)
18/06/25

- परियोजना निदेशक
- Copy to:** 1.Regional Officer (West)-UP, NHAI,3/248, Vishal Khand, Gomati Nagar, Lucknow.
2.The web admin, NHAI- HQ- with request for uploading on the NHAI website.
3.The office of the Indraprastha Gas Limited, Banda, U. P.



CHECK-LIST

Guidelines for Project Directors for processing the proposal of laying Carbon Steel Pipe Line by private parties in the land along National Highways vested with NHAI.

Relevant circulars

1. Ministry Circular No. RW/NH-33044/29/2015/S&R(R) Dated-22/11/2016.

Check list for getting approval for laying of Carbon Steel Pipe Lines on NH land

S. No.	Item	Information/Status	Remarks
1	General Information	Laying of Carbon Steel Pipe Line	YES
1.1	Name and Address of the Applicant	M/s Indraprastha Gas Limited, A-36, Awas Vikas, Banda Uttar Pradesh-210001	YES
1.2	National Highway Number	NH 86 (New NH-34)	YES
1.3	State	UTTAR PRADESH	YES
1.4	Location	District-Kanpur & Hamirpur	YES
1.5	(Chainage in km)	From Km. 58.250 to Km. 62.250(RHS) & Km. 67.100 to Km. 91.250 (RHS) & Crossing at Km. 58.250	YES
1.6	Length in Meters	28150 M	YES
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage /km direction	58.250-62.250 - 20.25m 67.100-91.250 - 24.10m - 24.55m	YES
	(b) Right side from center line towards increasing chainage/km direction	58.250-62.250 - 20.25m 67.100-91.250 - 24.10m -24.55m	YES
1.8	Proposal to lay the Steel Gas Pipe Line	Along the carriageway	YES
	(a) Left side from center line towards increasing chainage/km direction	N/A	
	(b) Right side from center line towards increasing chainage/km direction	Within ROW	YES
1.9	Proposal to acquire land	N/A	
	(a) Left side form center line		

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K. S. R.

(Signature)



	(b) Right side from center line		
1.10	Whether proposal is in the same side where land is not to be acquired	YES, As per attached drawing	YES
	If not then where to lay the Pipe Line	Within available ROW	YES
1.11	Details of already laid services, if any, along the proposed route	N/A	
1.12	Number of lanes (2/4 / 6/8 lanes) existing	2 lane	YES
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	2 lane with Paved Shoulder	YES
1.14	Service road existing or not	NO	
	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service Road	NO	
	(a) Left side from center Line		
	(b) Right side from center line		
1.16	Whether proposal to lay Pipe Line is after the service road or between the service road and main carriageway	After the Main carriageway	
1.17	The permission for laying Pipe Line shall be considered for approval/rejection	For Approval	YES
(i)	Where the ROW is more than 45m then the duct cable shall be laid the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening.	ROW is less than 45m (ROW is 30 m)	
(ii)	Where land is yet to be acquired for 4-laning and the position of new carriageway has been decided then the pipeline shall be laid at the edge of right of way within the utility corridor of 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4-laning	NO	
(iif)	Where the widening plan for 4-laning is not yet decided and available ROW is around 30m or less, a judicious decision would need to be taken for permitting the laying of pipe line. This could be within 1.5m to 2m of utility corridor at the edge of existing ROW. Duly Keeping In view the possible widening plans.	Existing ROW Available 30 m	

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Banda (Tech)



(iv)	Where row is restricted and adequate only to accommodate the carriage way, central verge, shoulders and drains (e.g., Highways in currying through hilly, rolling terrain) the pipe line shall be laid clear of the drain.	N/A	
(v)	Where land strip for utility corridor cannot be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of pipe line, the permission may be refused.	N/A	
1.18	Number of applicants of the same stretch	Single Applicant	YES
1.19	Whether the case of multiple licenses	NO	
1.20	If so, furnish a joint implement programmer to lay their respective pipe line within stipulated time frame	N/A	
1.21	If crossing of the road involved if yes, it shall only through trench less technology	Not Required	
2.	Document/Drawings enclosed with the proposal		
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.6m deep x 0.3m wide)	NO	
2.2	Cross section showing the size of pit and location of Pipe Line for OPEN TRENCH	YES	
2.3	Strip plan/Route Plan showing the Chainage, width of ROW, distance of proposed, Pipe Line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Shown in The Drawing	YES
2.4	Methodology for laying of Carbon Steel Pipe Line	OPEN TRENCH/HDD	YES
2.4.1	Open trenching method. If yes, Methodology of refilling of trench	Trenching Method	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	YES
2.4.3	Methodology for Laying Carbon Steel Pipe Line Through CD Works And Method Of Laying (Whether to be hung outside parapet)	NA	
3.	Draft license Agreement signed by two witnesses	YES	YES
4.	Performance Bank Guarantee	YES	YES
5	Affidavit/ Undertaking from the Applicant for the following is to be furnished		
5.1	Not to Damage to other utility, If damaged then to pay the losses either to NHAI or to the concerned agency.	Yes, Enclosed	



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NHAI, Gandpur (U.P.)



5.2	Renewal of Bank Guarantee	N/A	
5.3	Confirming all standard condition of NHAI's guideline	Yes, Enclosed	YES
5.4	Shifting of Carbon Steel Pipe Line as and when required by NHAI	Yes, Enclosed	YES
5.5	Shifting due to 6 lanning / widening of NH	Yes, Enclosed	YES
5.6	Indemnity against all damages and claims clause (xxiv)	Yes, Enclosed	YES
5.7	Traffic movement during laying of Carbon Steel Pipe Line to be managed by the applicant	Yes, Enclosed	YES
5.8	If any claim is raised by the Concessionaries then the same has to be paid by the applicant	Yes, Enclosed	YES
5.9	Certificate for 6-lanning from the applicant in following format "We do undertake that I 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-lane or any other development."	Yes, Enclosed	YES
6.	Power of Attorney in favor of authorized signatory	Yes, Enclosed	YES
7.	Copy of DOT license	Not Require	
8.	Certificate from the Project Director	NA	
8.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.9.2000 and NHAI's guidelines issued vide No. NHAI/OEC/2k/Vol II dated 7.11.2000 and Ministry's Circular No. RW/NH-33044/27/2000-S&R dated 21.3.2006.	YES, Enclosed	YES
8.2	Certificate for 2-lanning from Executive Engineer in the following format.	Not Require	
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lane 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-lane".	N/A N/A	
9.	The agreement fee of Rs. 1 shall be charged	Department will pay fee after issuing Demand Note	

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2009

[Signature]
MANAGER (Tech)
NHAI, P.O. NHAI, NHAI (U.P.)



10.	If NH section proposed to be taken up by NHAI on BOT basis - a clause in para 17 to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay Pipe Line/duct has also Ben granted as a right of way to the concessionaire under the concession agreement for up=gradation of [..... section from Km ----- to km ----- of NMH No. ----- on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."	N/A	
11.	Who will supervise the work of laying of Carbon Steel Pipe Line	M/s Indraprastha Gas Limited	
12.	Who will ensure that the defects in road portion after laying of Carbon Steel Pipe Line are corrected and if not corrected then what action will be taken.	PIU, NHAI KANPUR	
13.	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire	M/s Indraprastha Gas Limited	
14.	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed Performa (copy enclosed) issued vide Ministry Circular No. RW/NH/33044/29/2015/S&R (R) dated 22.11.2016.	Yes	
15.	If any previous approval is accorded for laying of Pipe Line then Photocopy of register of records of permissions accorded as maintained by PD (as per Ministry Circular No. RW/NH/33044/29/2015/S&R (R) dated 22.11.2016) as referred in para 13 above is enclosed or not.	Not Required	


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 Kanpur

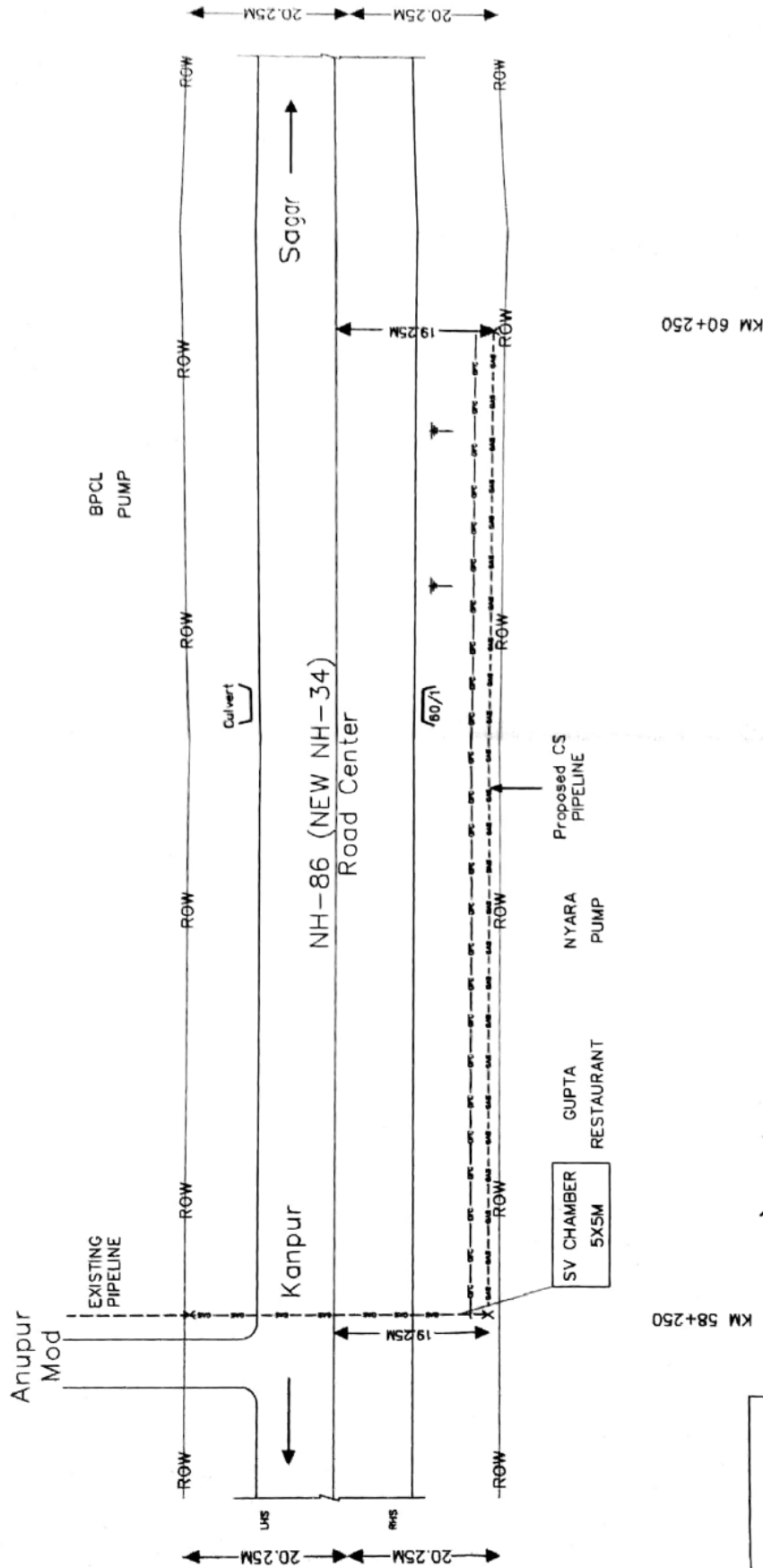
For M/s Indraprastha Gas Limited




 MANAGER (Tech)
 NHAI, PIU, KANPUR (I.P.)

PIU, NHAI
 KANPUR

STRIP PLAN OF LAYING U/G 12" CARBON STEEL PIPE LINE BY HDD/TRENCH METHOD ALONG NH-86(NEW NH-34) FROM KM. 58.250 TO KM. 62.250 (RHS) AND CROSSING AT KM. 58.250 IN DISTRICT-KANPUR & HAMIRPUR (UP).



OFC LAID ALONG RHS
From 16-17m

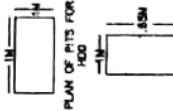
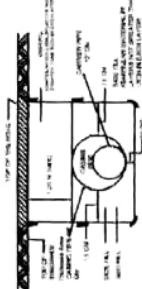
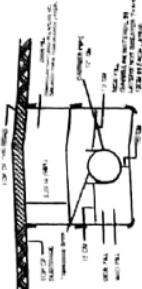
RESIDENT ENGINEER
MSV International Inc.
Kanpur

SUBJECT:

STRIP PLAN OF LAYING U/G 12" CS PIPELINE BY HDD/TRENCH METHOD ALONG NH-86(NEW NH-34) FROM KM. 58.250 TO KM. 62.250 (RHS) & KM. 67.100 TO KM. 81.250 (RHS) AND CROSSING AT KM. 58.250 IN DISTRICT-KANPUR & HAMIRPUR (UP)



NOTES:
1. THE PROPOSED PIPELINE SHALL BE LAYED AT A MINIMUM OF 1.5M FROM THE EXISTING UTILITY SERVICES. THE EXISTING UTILITY SERVICES SHALL BE LOCATED BY THE SURVEYOR AT THE EXTREME END OF THE ROAD AS POSSIBLE. THE TOP OF THE UTILITY SERVICES SHALL BE AT LEAST 1.2M BELOW THE GROUND LEVEL.



X-SECTION OF PITS FOR HDD

ROUTE LENGTH ON NH LAND LAYING U/G CS PIPELINE THROUGH HDD/TRENCH

ALONG LENGTH	1100M HDD & 900M TRENCH
CROSSING AT:	58+250
SV CHAMBER AT	58+250
SV CHAMBER SIZE	5X5 M
TOTAL LENGTH:	28150 M

Legend:-
Proposed CS PIPELINE: ---
BSNL OFC
RIGHT OF WAY: ---

DATE: FEBRUARY 2022

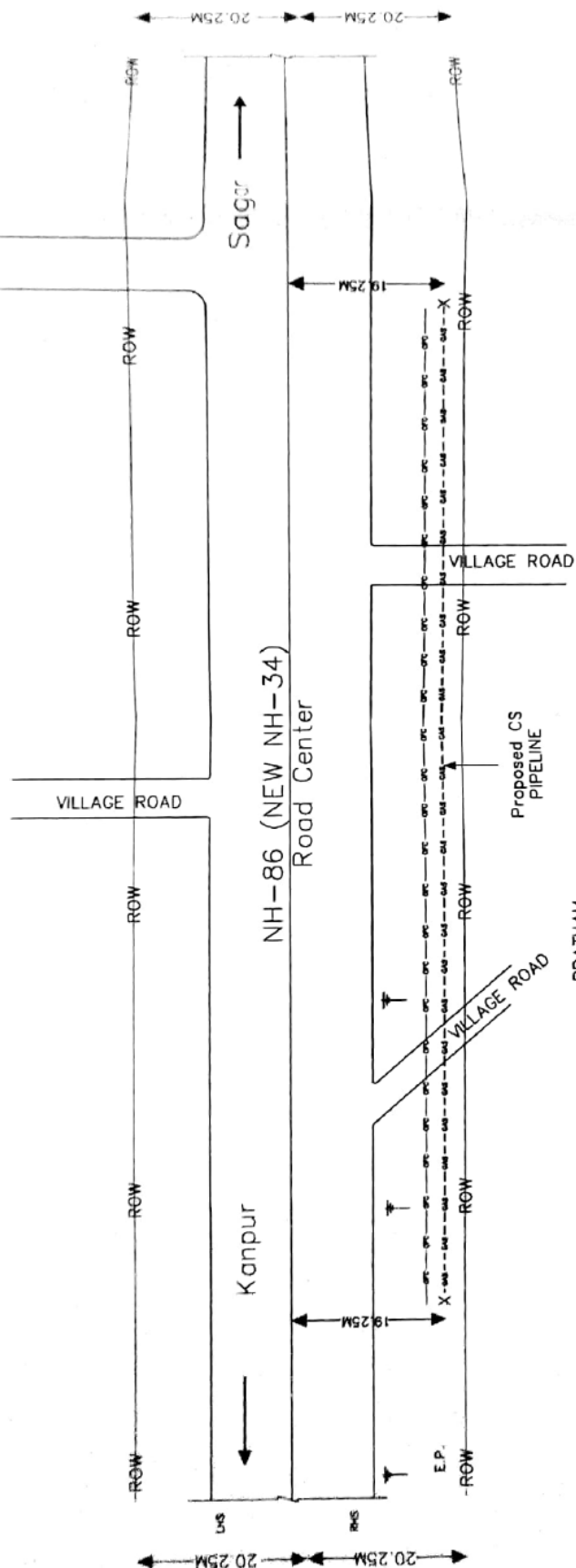
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DATE: 15/02/2022

STRIP PLAN OF LAYING U/G 12" CARBON STEEL PIPE LINE BY HDD/TRENCH METHOD ALONG NH-86(NEW NH-34) FROM
 KM. 58.250 TO KM. 62.250 (RHS) & km. 67.100 to Km. 91.250 (RHS) AND CROSSING AT KM. 58.250 IN
 DISTRICT-KANPUR & HAMIRPUR (UP).

P-52

Maa Durga
 Devi Moa



KM 62+250

KM 61.000

KM 60+250

OFC LAID ALONG RHS
 From 16-17m

Project Director
 National Highways Authority of India
 P.U., Kanpur

MANAGER (Tech)
 NHAI, P.U./KANPUR(U.P.)

RESIDENT ENGINEER
 MSV International Inc.
 Kanpur

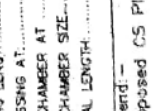
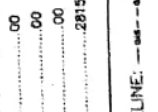
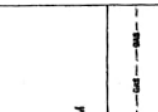
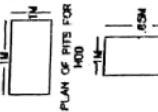
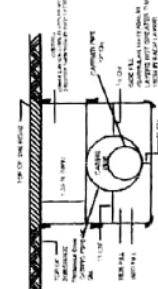
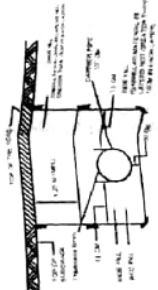
SUBJECT:

STRIP PLAN OF LAYING U/G 12" CS PIPELINE BY HDD/TRENCH METHOD
 ALONG NH-86(NEW NH-34) FROM KM. 58.250 TO KM. 62.250 (RHS) &
 KM. 67.100 TO KM. 91.250 (RHS) AND CROSSING AT KM. 58.250 IN
 DISTRICT-KANPUR
 AUTHORIZED SIGNATOR



DATE: FEBRUARY 2021

NOTES:-
 1. Drawing has been prepared as per MORTH
 GUIDELINES (CIRCULAR NO.
 2016, PWD/2016/2015) & (DATED 11th
 2016).
 2. THE UTILITY SERVICES SHALL BE
 LOCATED BEYOND THE 100' LINE OF THE
 EMBANKMENT AND DRAIN AS CLOSE TO THE
 ADJACENT EDGE OF THE HIGHWAY AS POSSIBLE.
 3. THE TOP OF THE PIPE SHALL
 BE AT LEAST 1.2M BELOW THE GROUND LEVEL.

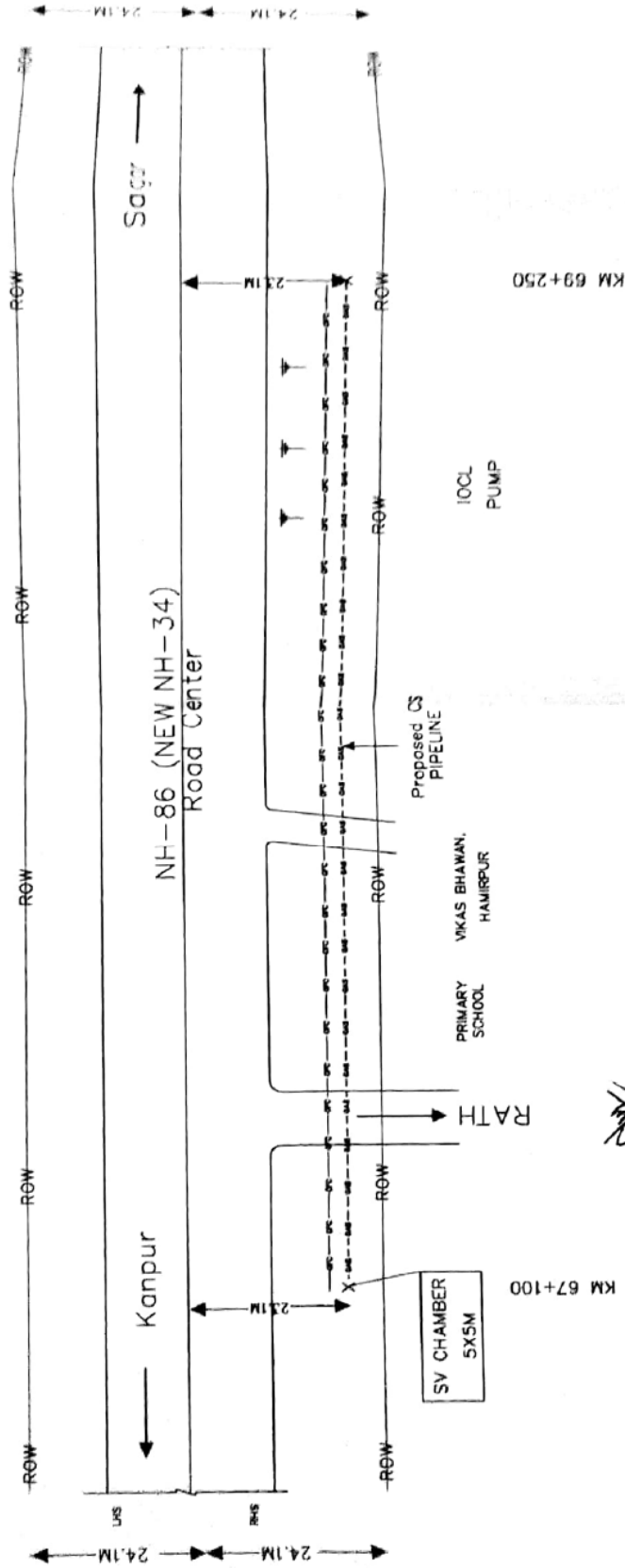


ROUTE LENGTH ON NH LAND LAYING U/G CS PIPELINE
 THROUGH HDD/TRENCH

ALONG LENGTH	BOOM HDD & 1200M TRENCH
CROSSING AT	00
SV CHAMBER AT	00
SV CHAMBER SIZE	00
TOTAL LENGTH	28150 M

Legend:-
 Proposed CS PIPELINE: --- 04M --- 04M --- 04M --- 04M ---
 BSNL OFC
 RIGHT OF WAY:

STRIP PLAN OF LAYING U/G 12" CARBON STEEL PIPE LINE BY HDD/TRENCH METHOD ALONG NH-86(NEW NH-34) FROM
 KM. 58.250 TO KM. 62.250 (RHS) & KM. 67.100 TO KM. 91.250 (RHS) AND CROSSING AT KM. 58.250 IN
 DISTRICT-KANPUR & HAMIRPUR (UP).



OFC LAID ALONG RHS
 From 16-17m

ROUTE LENGTH ON NH LAND LAYING U/G CS PIPELINE
 THROUGH HDD/TRENCH

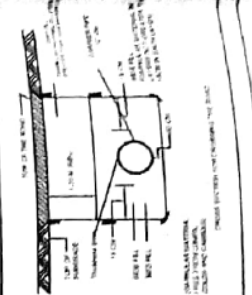
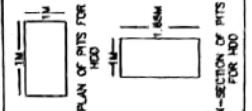
ALONG LENGTH: 1300M HDD & 850M TRENCH
 CROSSING AT: 00
 SV CHAMBER AT: 67+100
 SV CHAMBER SIZE: 5X5 M
 TOTAL LENGTH: 28150 M

Legend: -- Proposed CS PIPELINE: --- BSNL OFC
 RIGHT OF WAY:

RESIDENT ENGINEER
 MSV International Inc.
 Kanpur

MANAGER (Tech)
 NHAI, P.O. KANPUR (U.P.)

Project Engineer
 National Highways Authority of India
 P.L.U., Kanpur



- NOTES:
1. Drawing has been prepared as per MORTH GUIDELINES/CIRCULAR NO. RW/44-3004/32/21/SSR (I) DATED 11 Nov 2016.
 2. THE UTILITY SERVICES SHALL BE LOCATED BEYOND THE TOE LINE OF THE EMBANKMENT AND DRAIN AS CLOSE TO THE EXTREME EDGE OF THE ROW AS POSSIBLE.
 3. THE TOP OF THE UTILITY SERVICES SHALL BE AT LEAST 1.2M BELOW THE GROUND LEVEL.

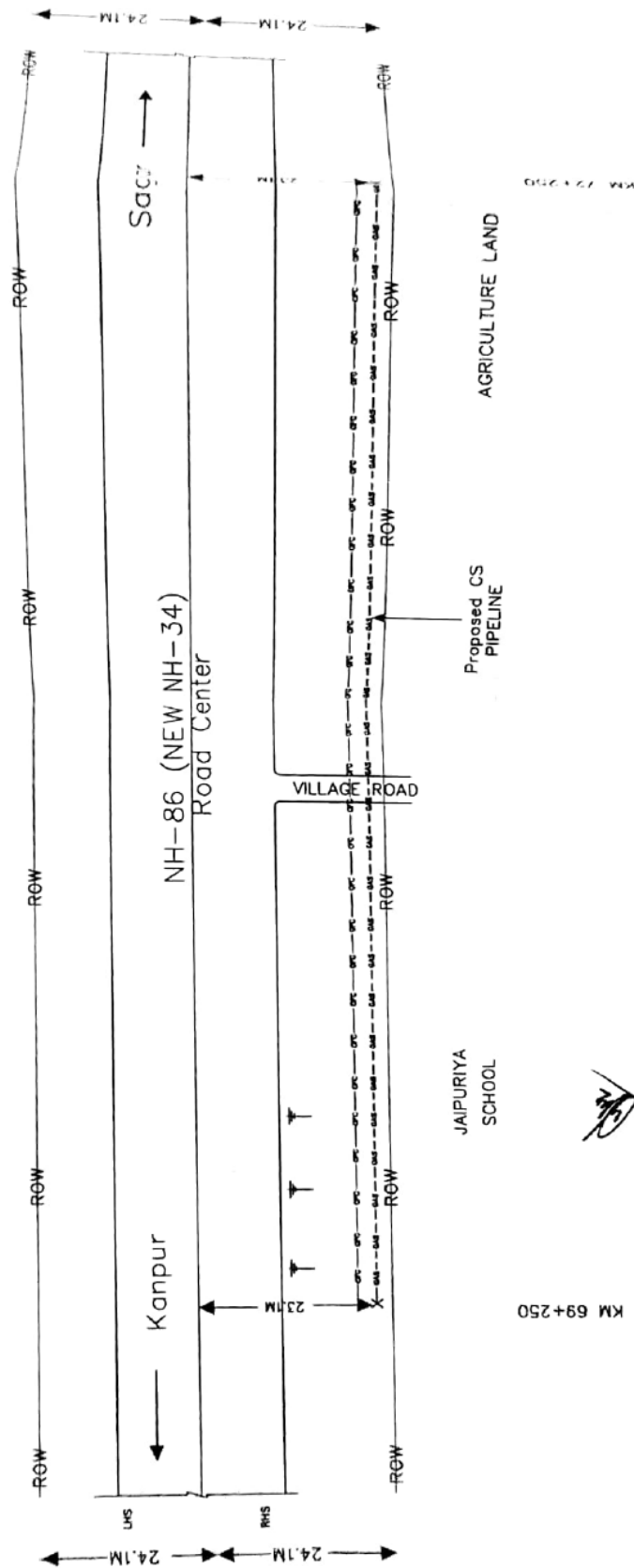
SUBJECT:

STRIP PLAN OF LAYING U/G 12" CARBON STEEL PIPE LINE BY HDD/TRENCH METHOD ALONG NH-86(NEW NH-34) FROM
 KM. 58.250 TO KM. 62.250 (RHS) & KM. 67.100 TO KM. 91.250 (RHS) AND CROSSING AT KM. 58.250 IN
 DISTRICT-KANPUR & HAMIRPUR (UP).



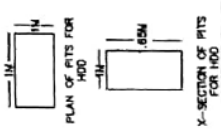
DATE: FEBRUARY 2021

STRIP PLAN OF LAYING U/G 12" CARBON STEEL PIPE LINE BY HDD/TRENCH METHOD ALONG NH-86(NEW NH-34) FROM KM. 58.250 TO KM. 62.250 (RHS) & KM. 67.100 TO KM. 91.250 (RHS) AND CROSSING AT KM. 58.250 IN DISTRICT-KANPUR & HAMIRPUR (UP).



OFC LAID ALONG RHS
From 16-17m

ROUTE LENGTH ON NH LAND LAYING U/G CS PIPELINE THROUGH HDD/TRENCH	
ALONG LENGTH.....1400M HDD & 1600M TRENCH	
CROSSING AT.....00	
SV CHAMBER AT.....00	
SV CHAMBER SIZE.....00	
TOTAL LENGTH.....20150 M	
Legend:-	
Proposed CS PIPELINE: ---	
BSNL OFC	
RIGHT OF WAY:	

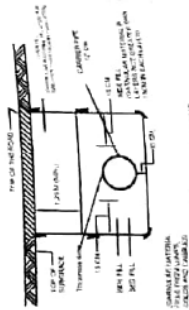


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MSV International Inc.
Kanpur

MANAGER (Tech)
NHAI, P.U., KANPUR (U.P.)

Project Director
National Highways Authority of India
P.U., Kanpur

- NOTES:-**
1. Drawing has been prepared as per MORT&H GUIDELINES/CIRCULAR NO. RWHN-3304/429/2015/S&R (R) DATED 11 Nov 2016.
 2. THE UTILITY SERVICES SHALL BE LOCATED BEYOND THE TOE LINE OF THE EMBANKMENT AND DRAIN, AS CLOSE TO THE EXTREME EDGE OF THE ROW AS POSSIBLE.
 3. THE TOP OF THE UTILITY SERVICES SHALL BE AT LEAST 1.2M BELOW THE GROUND LEVEL.



SUBJECT:

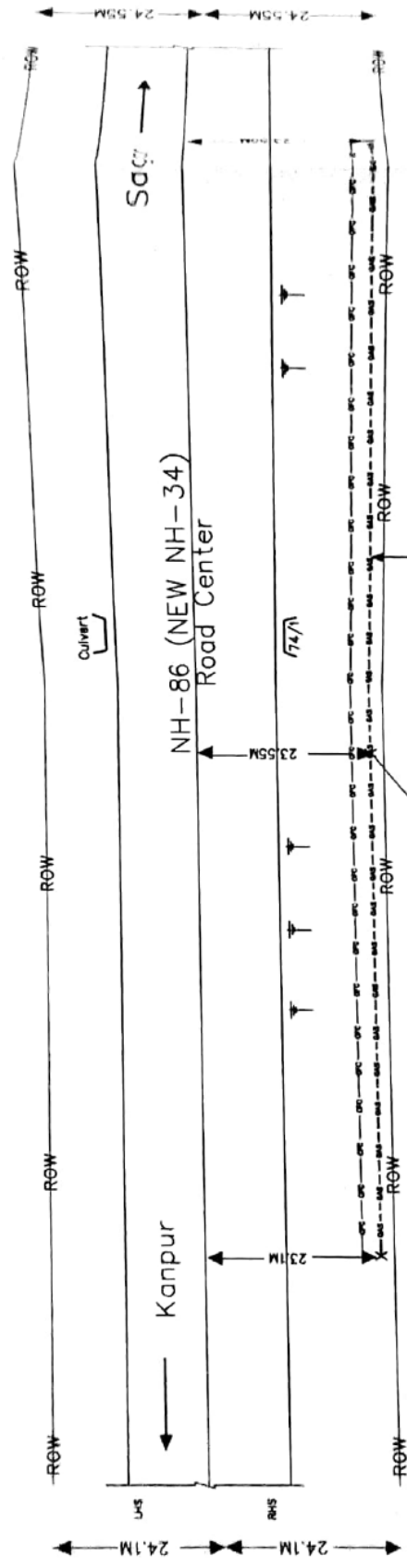
STRIP PLAN OF LAYING U/G 12" CS PIPELINE BY HDD/TRENCH METHOD ALONG NH-86(NEW NH-34) & KM. 67.100 TO KM. 91.250 IN DISTRICT-KANPUR & HAMIRPUR (UP).



DATE / TERMINANT

STRIP PLAN OF LAYING U/G 12" CARBON STEEL PIPE LINE BY HDD/TRENCH METHOD ALONG NH-86(NEW NH-34) FROM KM. 58.250 TO KM. 62.250 (RHS) AND CROSSING AT KM. 58.250 IN DISTRICT-KANPUR & HAMIRPUR (UP).

TATA SHOWROOM



AGRICULTURE LAND

Proposed CS PIPELINE

AGRICULTURE LAND

OFC LAID ALONG RHS From 16-17m

ROUTE LENGTH ON NH LAND LAYING U/G CS PIPELINE THROUGH HDD/TRENCH

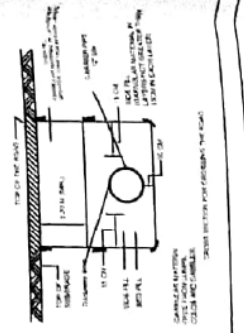
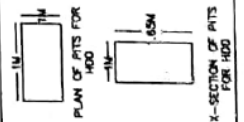
ALONG LENGTH	2000M HDD & 1000M TRENCH
CROSSING AT:	00
SV CHAMBER AT	73+250
SV CHAMBER SIZE	5X5 M
TOTAL LENGTH	28150 M

Legend -
Proposed CS PIPELINE: ---
BSNL OFC ---
RIGHT OF WAY: ---

RESIDENT ENGINEER
MSV International Inc.
Kanpur

MANAGER (Tech)
NHAI, P.U., KANPUR (U.P.)

Project Director
National Highways Authority of India
P.U., Kanpur



NOTES:

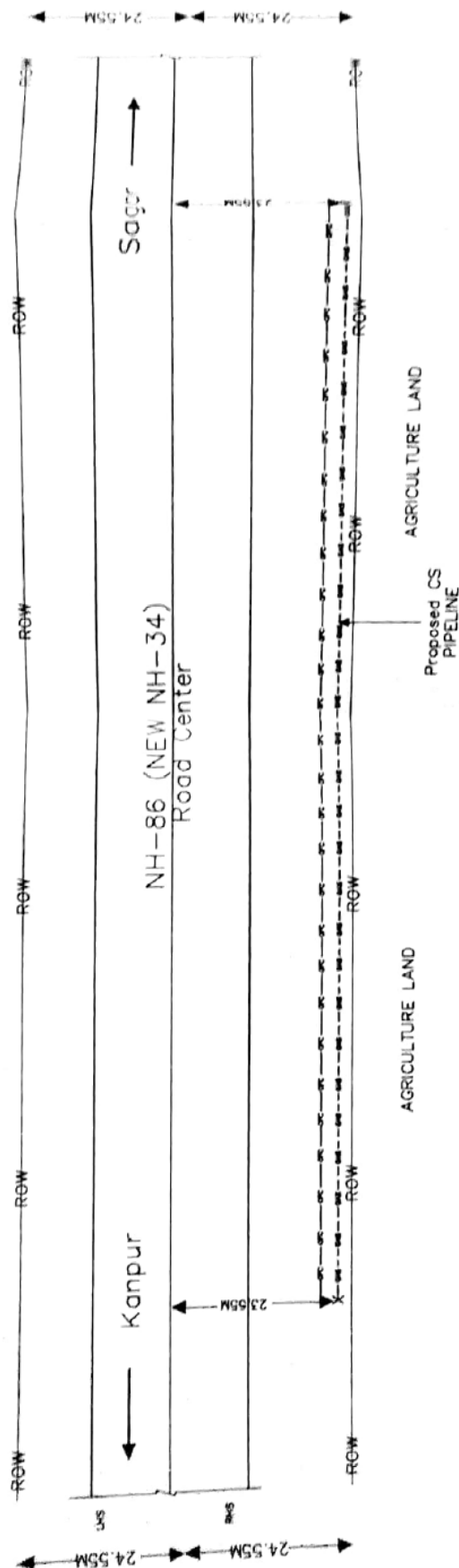
1. Drawing has been prepared as per MORT&H GUIDELINES/CIRCULAR NO. RW/NH-33044/29/2015/S&R (R) DATED 11 Nov 2018.
2. THE UTILITY SERVICES SHALL BE LOCATED BEYOND THE TCE LINE OF THE EMBANKMENT AND DRAIN, AS CLOSE TO THE EXTREME EDGE OF THE ROW AS POSSIBLE.
3. THE TOP OF THE UTILITY SERVICES SHALL BE AT LEAST 1.2M BELOW THE GROUND LEVEL.

SUBJECT:

STRIP PLAN OF U/G 12" CARBON STEEL PIPE LINE ALONG NH-86(NEW NH-34) FROM KM. 58.250 TO KM. 62.250 IN DISTRICT-KANPUR



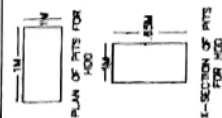
DATE: / /



KM 75+250

OFC LAID ALONG RHS
From 16-17m

RESIDENT ENGINEER
MSV International Inc.
Kanpur



ROUTE LENGTH ON NH LAND LAYING U/G CS PIPELINE THROUGH HIGH TRENCH

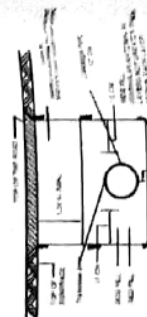
ALONG LENGTH.....1800M H2O & 1200M TRENCH
CROSSING AT.....00
SV CHAMBER AT.....00
SV CHAMBER SIZE.....00
TOTAL LENGTH.....28150 M

Legend: -
Proposed CS PIPELINE: ---
BSNL OFC ---
RIGHT OF WAY: _____

NOTES.

1. Drawing has been prepared as per MORTH & GUIDELINES/CIRCULAR NO. RW/WH-3304/29/2015/S&R (I) DATED 11 Nov. 2018.

2. THE UTILITY SERVICES SHALL BE LOCATED BEYOND THE TCE LINE OF THE EMBANKMENT AND DRAIN AS CLOSE TO THE EXTREME EDGE OF THE ROW AS POSSIBLE. THE TOP OF THE UTILITY SERVICES SHALL BE AT LEAST 1.2M BELOW THE GROUND LEVEL.

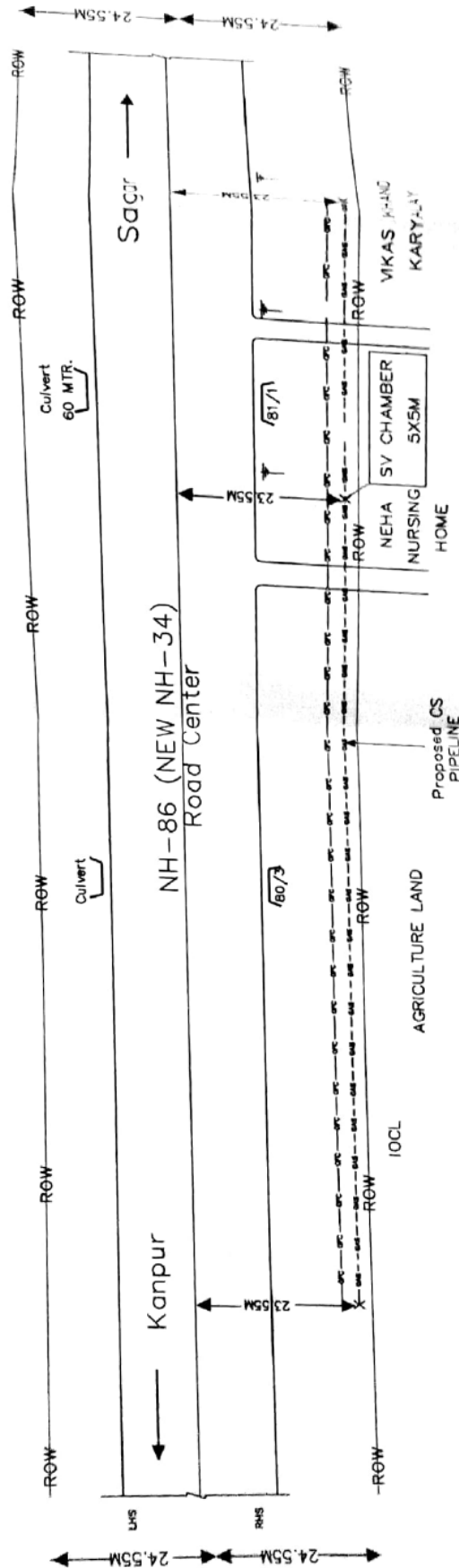


SUBJECT:

SUBJECT: STRIP PLAN OF LAND 100 ACRES IN THE EAST 1/4 OF SECTION 4, TOWNSHIP 36 NORTH, RANGE 10 WEST, DISTRICT 1, KANPUS 1.

DATE RECEIVED: _____

STRIP PLAN OF LAYING U/G 12" CARBON STEEL PIPE LINE BY HDD/TRENCH METHOD ALONG NH-86(NEW NH-34) R/W
 KM. 58.250 TO KM. 62.250 (RHS) & KM. 67.100 TO KM. 91.250 (RHS) AND CROSSING AT KM. 58.250 IN
 DISTRICT-KANPUR & HAMIRPUR (UP).



KM 80+250

KM 78+250

OFC LAID ALONG RHS
 From 16-17m

RESIDENT ENGINEER
 MSV International Inc.
 Kanpur

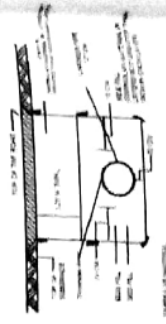
ROUTE LENGTH ON NH LAND LAYING U/G CS PIPELINE
 THROUGH HDD/TRENCH

ALONG LENGTH..... 3000M HDD & 1000M TRENCH
 CROSSING AT..... DO
 SV CHAMBER AT..... 80+250
 SV CHAMBER SIZE..... 5X3 M
 TOTAL LENGTH..... 2000 M

Legend -
 Proposed CS PIPELINE
 BSNL OFC
 RIGHT OF WAY

PLAN OF PTS FOR
 HDD

SECTION OF PTS
 FOR HDD



NOTES:

1. Drawing has been prepared as per MORTH-
 GUIDELINES/CIRCULAR NO.
 NHNH-33/44/29/2015/SAR (R) DATED 11 Nov 2012.
2. THE UTILITY SERVICES SHALL BE
 LOCATED BEYOND THE TIE LINE OF THE
 EMBANKMENT AND DRAIN AS CLOSE TO THE
 EXTREME EDGE OF THE ROW AS POSSIBLE
 3. THE TOP OF THE UTILITY SERVICES SHALL BE
 AT LEAST 1.2M BELOW THE GROUND LEVEL.

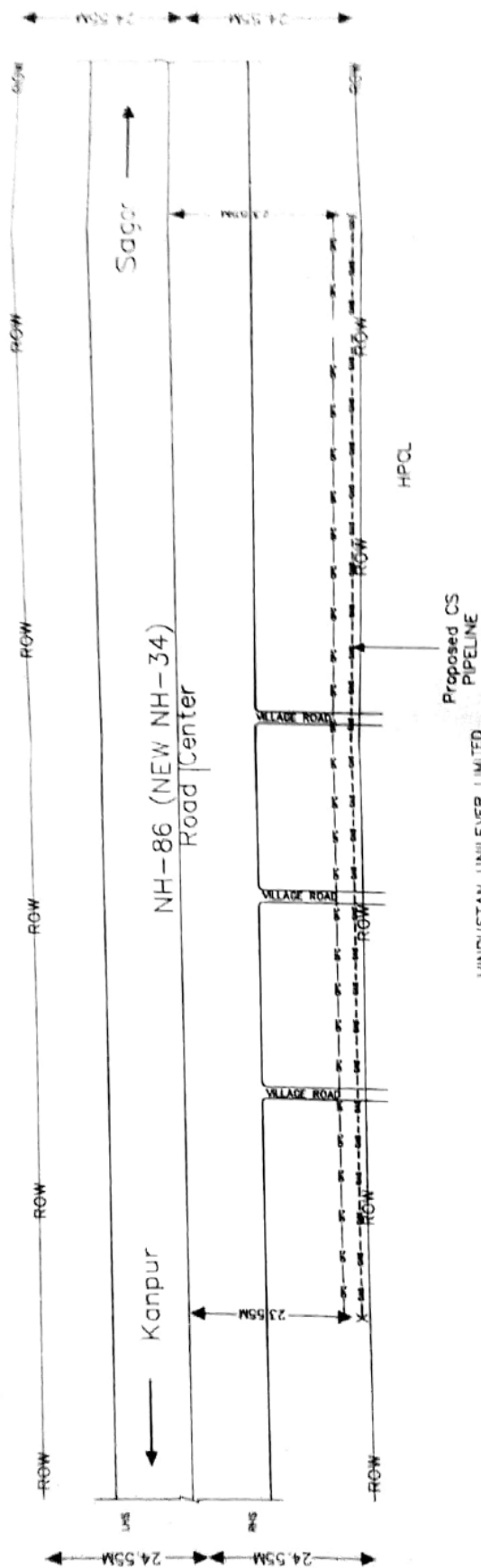
SUBJECT:

STRIP PLAN OF LAYING U/G CS PIPELINE BY HDD/TRENCH METHOD
 ALONG NH-86(NEW NH-34) R/W
 KM. 58.250 TO KM. 91.250 (RHS) AND CROSSING AT KM. 58.250 IN
 DISTRICT-KANPUR & HAMIRPUR (UP).

MANAGER (R&D)
 NHAI, PUNJAB (UP)



DATE: 11/11/2015



KM 81+250

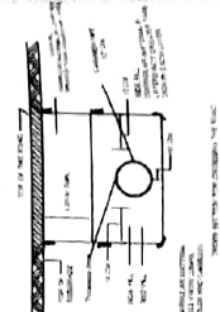
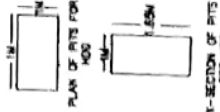
OFC LAID ALONG RHS
From 16-17m

PIPELINE LENGTH ON NH LAND LAYING U/G CS PIPELINE

LONG LENGTH..... 1400M HOD & 1600M TRENCH
CROSSING AT..... 00
V CHAMBER AT..... 00
V CHAMBER SIZE..... 00
TOTAL LENGTH..... 28050 M

[illegible]

RESIDENT ENGINEER
MSV International Inc.
Kanpur



NOTES:-
1. Drawing has been prepared as per MORTGAGE GUIDELINES/CIRCULAR NO.
MWA/33044/2015(S&R) DATED 11 NOV. 2015.
2. THE UTILITY SERVICES SHALL BE LOCATED BEYOND THE "USE LINE OF THE EMBANKMENT AND DRAIN AS CLOSE TO THE EXTREME EDGE OF THE ROW AS POSSIBLE. 3.THE TOP OF THE UTILITY SERVICES SHALL BE AT LEAST 1.2M BELOW THE GROUND LEVEL.

SUBJECTS

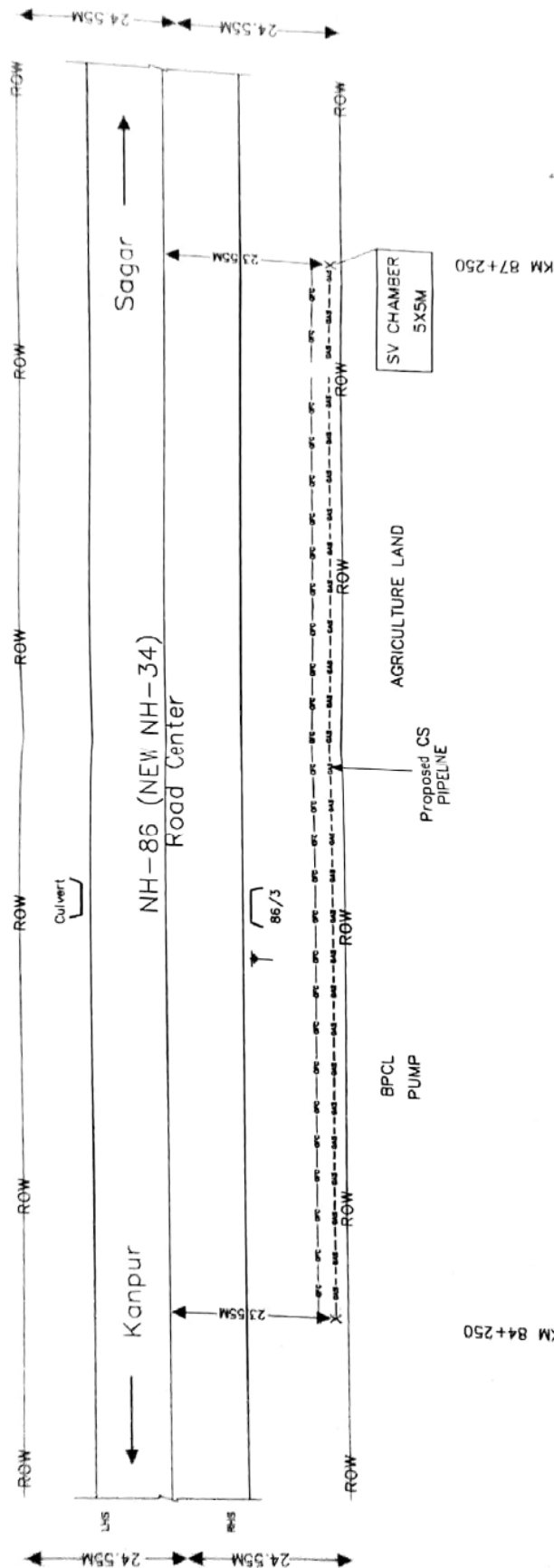
STEP PLAN OF LONG C. ST. CROSSING IN AND THROUGH WILSON
ALONG NH-86(NEN) FROM NH 58.50 TO NH 62.50 (RHS) &
KIL. 67.100 TO KIL. 68.100 AND CROSSING AT NH 58.250 IN
STREET VIEW, JUNE 9, 1968



THE UNIVERSITY OF CHICAGO

STRIP PLAN OF LAYING U/G 12" CARBON STEEL PIPE LINE BY HOD/TRENCH METHOD ALONG NH-86(NEW NH-34) FROM KM. 58.250 TO KM. 62.250 (RHS) & KM. 67.100 TO KM. 91.250 (RHS) AND CROSSING AT KM. 58.250 IN DISTRICT-KANPUR & HAMIRPUR (UP).

J.K. CEMENT



OFC LAID ALONG RHS
From 16-17m

ROUTE LENGTH ON NH LAND LAYING U/G CS PIPELINE
THROUGH HOD/TRENCH

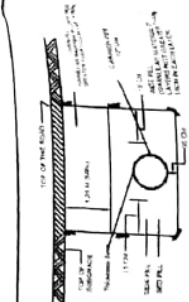
ALONG LENGTH: 400M HOD & 2600M TRENCH
CROSSING AT: 00
SV CHAMBER AT: 87+250
SV CHAMBER SIZE: 5X5 M
TOTAL LENGTH: 28150 M

Legend: -
Proposed CS PIPELINE: ---
B/SWL OFC: ---
RIGHT OF WAY: ---

RESIDENT ENGINEER
MSV International Inc.
Kanpur

PLAN OF PITS FOR
HOD

X-SECTION OF PITS
FOR HOD



- NOTES:
1. Drawing has been prepared as per MORTH GUIDELINES CIRCULAR NO. RMNH-330/479/2015(S&R) DATED 11 Nov. 2016.
 2. THE UTILITY SERVICES SHALL BE LOCATED BEYOND THE TOE LINE OF THE EMBANKMENT AND DRAIN, AS CLOSE TO THE EXTREME EDGE OF THE ROW AS POSSIBLE.
 3. THE TOP OF THE UTILITY SERVICES SHALL BE AT LEAST 1.2M BELOW THE GROUND LEVEL.

KM 87+250

BPCL
PUMP

Proposed CS
PIPELINE

AGRICULTURE LAND

SV CHAMBER
5X5M

NH-86 (NEW NH-34)
Road Center

Kanpur

Sagar

Regional Director
National Highways Authority of India
PIU, Kanpur
MANAGER (Tech)
NHAI, PIU, KANPUR (U.P.)

SUBJECT:

STRIP PLAN OF LAYING U/G 12" CS PIPELINE BY HOD/TRENCH METHOD ALONG NH-86(NEW NH-34) FROM KM. 58.250 TO KM. 62.250 (RHS) & KM. 67.100 TO KM. 91.250 (RHS) AND CROSSING AT KM. 58.250 IN DISTRICT-KANPUR & HAMIRPUR (UP).



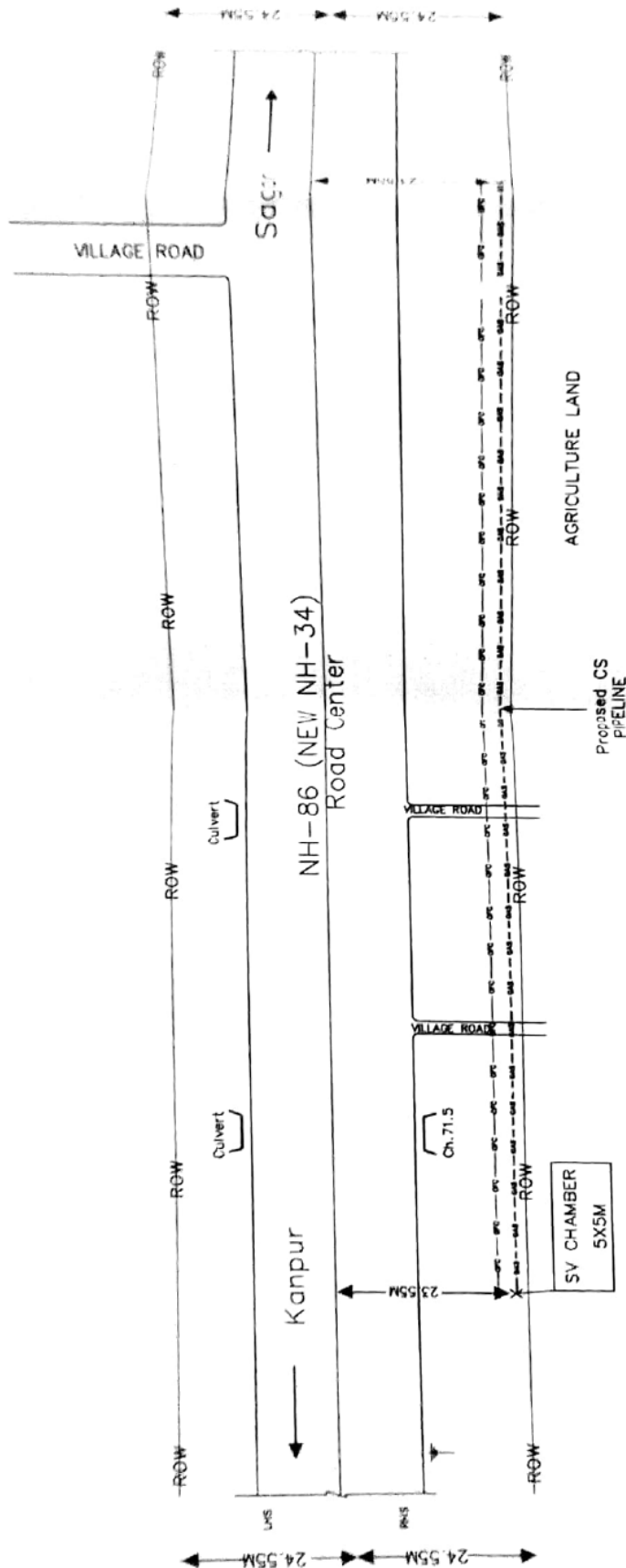
AUTHORIZED SIGNATURE

WORK AREA

DATE: FEBRUARY 2021

SCALE: 1:100

PROJECT NO. NHAI/PIU/KANPUR/2021/01

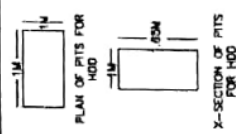


ROUTE LENGTH ON NH LAND LAYING U/G CS PIPELINE

ALONG LENGTH.....600M HDD & 2400M TRENCH
CROSSING AT.....00
SV CHAMBER AT.....57+250
SV CHAMBER SIZE.....5X5 M
TOTAL LENGTH.....28150 M

Legend: -
Proposed CS PIPELINE:
BSNL OFC
RIGHT OF WAY:

RESIDENT ENGINEER
MSV International Inc.
Kanpur



NOTES:-

1. Drawing has been prepared as per MORT&H GUIDELINES/CIRCULAR NO. RW/WH-3304/29/2015/SAR (DATED 11 NOV 2015).

SUBJECT:

STRIP PLAN OF LINDSEY RD. BRIDGE
ALONG NH-86(NE)
Km. 67.100 to 67.150

MANAGER (Tech)
P.T. Jampur
Nusantara Highway, Sukoharjo



DATE: FEBRUARY 1964