



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/Km 362+90/NH-19/2025/NOC/ 1386

Dated: 03/04/2025

Invitation of Public Comments

Sub: Pertains to permission for crossing of underground water supply pipeline at Ch. 362+90 on NH-19, Etawah - Chakeri Section, District - Auraiya in the State of Uttar Pradesh.

The office of the UP Jal Nigam (Auraiya) has submitted the proposal for permission for crossing of underground water supply pipeline at Ch. 362+90 on NH-19, Etawah - Chakeri Section, District - Auraiya in the State of Uttar Pradesh.

From the submitted proposal, it is seen that the crossing length is proposed to 60 m for the aforesaid subject work. The work of pipeline execution to be carried out by HDD method. Width of available ROW in LHS & RHS side is 30 m to 30m (Variable) from center of NH-19. The exiting NH is 6-lane with divided carriageway.

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

संलग्नक : उपरोक्तानुसार।

(Handwritten Signature)

(पंकज यादव)
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 UP Jal Nigam, Auraiya.

CHECK - LIST

Guidelines for processing the proposal for HDPE Pipe (90 MM Dia) across National Highways -19 vested with NHAI/PIU/KANPUR.

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 90 mm dia HDPE Pipe through Iron casing pipe 150 mm dia at Auraiya District.,National Highway-19 (ETAWAH To KANPUR Section) at Ch. No 362+90 Near Shahpur Lalpur Village

S.No.	Item	Information/Status	Remarks
1	General Information	Work under Namami gange jal jwan mission work Auraiya Project	
1.1	Name and Address of the Applicant/Agency	Office Executive Engineer,UP. JAL NIGAM (Gramin) EDD- Narayanpur Auraiya -206122	
1.2	National Highway Number	National Highway-19 (Etawah to Kanpur Section) At Ch. No- 362+90 Near Shahpur Lalpur Village	
1.3	State	Uttar Pradesh	
1.4	Location	Road crossing of Sinle Run HDPE Pipe 90 mm dia HDPE Pipe through Iron casing pipe 150 mm dia at National Highway-19 (Etawah to Kanpur Section) At Ch. No- 362+90 Near Shahpur Lalpur Village	
1.5	(Chainage in Km)	Road crossing of Sinle Run HDPE Pipe 90 mm dia HDPE Pipe through Iron casing pipe 150 mm dia at National Highway-19 (Etawah to Kanpur Section) At Ch. No- 362+90 Near Shahpur Lalpur Village	
1.6	Length in Meters	60 Mtr. X 1 = 60 MTR.	
1.7	Width of available ROW		
	(a) Left side from center line to tower towards increasing chainage/Km direction	30 mtr.	
	(b) Right side from center line to tower increasing chainage/Km direction	30 mtr.	
1.8	Proposal to lay the HDPE Pipe	across the road laying Single Run HDPE Pipe 90 mm dia HDPE Pipe through Iron casing pipe 150 mm dia	
	(a) Left side from center line towards increasing chainage/Km direction	across the road laying Single Run HDPE Pipe 90 mm dia HDPE Pipe through Iron casing pipe 150 mm dia	
	(b) Right side from center line towards increasing chainage/Km direction	across the road laying Single Run HDPE Pipe 90 mm dia HDPE Pipe through Iron casing pipe 150 mm dia	
1.9	Proposal to acquire land	N/A	
	(a) Left side from center line	N/A	
	(b) Right side from center line	N/A	
1.10	Whether proposal is in the same side where land is not to be acquired	No land acquisition required	
	If not then where to lay the cable	across the road laying HDPE Pipe	
1.11	Details of already laid services, if any, along the proposed route	NA	



Pankaj Kumar
MANAGER (Tech)
NHAI, PIU, KANPUR (U.P.)

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[Signature]
अधिसापी अधियन्ता
खण्ड कार्यालय
राष्ट्रिय नलम (ग्रा०) औरैया

Project Director
National Highway Authority of India
PIU, Kanpur

S.No.	Item	Information/Status	Remarks
1.12	Number of existing lanes (2/4/6/8 Lanes)	6 Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	Not	
	If yes then which side	NA	
	(a) Left side from center line	NA	
	(b) Right side from Center line	NA	
1.15	Proposed Service road	NA	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to laying HDPE Pipe is after the service road or between the service road and main carriageway	across the road laying Single Run HDPE Pipe 90 mm dia HDPE Pipe through Iron casing pipe 150 mm dia	
1.17	Whether carrying of sewage/gas pipe line has been propsoed on highway Bridges. If Yes, the mention the methodology	NA	
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the mention the methodology	NA	
1.19	If crossings 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.	across the road laying Single Run HDPE Pipe 90 mm dia HDPE Pipe through Iron casing pipe 150 mm dia	
	a) Whether existing drainage structure allowed to carry utility pipeline.	NA	
	b) Is it on a line normal to NH	YES	
	c) What is the distance of crossing the utility pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	As per NHAI Norms	
	d) The casing pipe (or conduit pipe in the case of 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.	across the road laying Single Run Iron casing pipe 150 mm dia in HDD Method	
	e) Ends of the casing / conduit pipe / tower foundation 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 toe of slope toe of slope in the fills.	YES	
	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	YES	
	h) Mention the methodology propsoed for crossing of road for the proposed UG electrical cable. Crossing shall be by boring method (HDD) specially wriere the existing road pavement is of cement concrete or dense bituminous concrete type.	across the road laying Single Run HDPE Pipe 90 mm dia HDPE Pipe through Iron casing pipe 150 mm dia	



अधिसापी अगियन्ता
खण्ड कायन्तम
उद्योगजल निगम (स.स) औरिया

Renuk Kumar
MANAGER (Tech)
NHAI, PIU, KANPUR (U.P.)

S.No.	Item	Information/Status	Remarks
	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.	As per NHAI Norms	
2	Document / drawing enclosed with the proposal	Drawing Enclosed	
2.1	Cross section showing the size of the trench for open trenching method. (Is it normal size of 1.6m (min) deep X 0.3 wide) i) Should not be greater than 60 cm 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 meter from the centre-line 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 so laid that their top is atleast 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Drawing Enclosed	
2.2	Cross section showing the size of pit and location of pipe line for HDD method.	Drawing Enclosed	
2.3	Strip plan / Route plan showing the cables, chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drawings work etc.	YES, Drawing Enclosed	
2.4	Methodology for laying of HDPE PIPE	HDD METHOD	
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 of trench.	NA	
	(a) The trench width should be atleast 30 cm but not more than 60cm wider than the outer diameter of the pipe.	NA	
	(b) For filling of the trench, bedding shall be to a depth of not less than 30 cm. It shall consist of 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 replaced by selected material	NA	
	(c) The backfill shall be completed in two stages (i) side-fill to the elvel fo the top of the pipe and (ii) overfill to the bottom of the road crust.	NA	
	d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	NA	
	e) The road crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	NA	



अभिषाषी अभियन्ता
खण्ड कार्यालय
उम्रोजत निगम (ग्रा०) औरैया

Punit Kumar
MANAGER (Tech)
NHAI, PIU, KANPUR (U.P.)

S.No.	Item	Information/Status	Remarks
	f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	NA	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	
2.4.2	Horizontal Directional Drilling (HDD) method.	YES HDD METHOD	
2.4.3	Methodology for laying of electrical cable through CD works and method of Laying. In cases where the carrying of gas pipe line on the bridge becomes inescapable.	NA	
3	Draft License agreement signed by two witnesses.	YES	
3.1	The License fee estimate as per Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016	As per applicable	
4	Whether Performance Bank Guarantee as Ministry's guidelines issued vide circular No. RW/NH- 33044/29/2015/S&R (R) dated 22.11.2016 is obtained.	An undertaking given by the agency towards Performance Bank Guarantee as per extant norms MoRTH per each crossing as demanded by NHAI/MoRTH.	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.	Not Submitted	
5	Affidavit / undertaking from the Applicant for the following is to be furnished	Enclosed	
5.1	Undertaking for not to Damage any other utility. If damaged then to pay the losses either to NHAI or to the concerned agency.	YES, Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI.	YES, Enclosed	
5.3	Undertaking for Confirming all standard conditions of Ministry Circulars and NHAI's guideline	YES, Enclosed	
5.4	Undertaking for Indemnity against all damages and claims.	YES, Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	YES, Enclosed	
5.6	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be paid by the applicant.	YES, Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of the installation, shifting or repairs or alterations to the utility located in the National Highway right of ways.	YES, Enclosed	
5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	YES, Enclosed	
5.9	Undertaking that text of the license deed is as per verbatim of MoRTH format (issued Vide Ministry's Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	YES, Enclosed	



अविभागी अमितता
खण्ड कार्यालय
उत्तरांचल निगम (प्रा.) औरिया

Rakesh Kumar
MANAGER (Tech)
NHAI, PIU, KANPUR (U.P.)

S.No.	Item	Information/Status	Remarks
5.10	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as Directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety organisation UTI Industry Safety Directorate State/Central Pollution Control Board and any other statutory clearance's applicable. before applying to Highway Administration.	YES, Enclosed	
5.11	If the MoRTH/NHAI considers it necessary in future to move the utility line for any work for improvement or repairs to the road it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	YES, Enclosed	
5.12	Certificate from the applicant in the following format i) Laying of HDPE Pipe will not have any deleterious effects on any of the bridge components and roadway safety for traffic. ii) for 6 laning "we do undertake that I will relocate services road / approach road / utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laning or any other development.	YES, Enclosed	
6	Who will sign the agreement on behalf of Laying of UG electrical cable/HDPE Pipe	Office Executive Engineer, UP. JAL NIGAM (Gramin) EDD- Narayanpur Auraiya -206122	
	Power of Attorney to sign the agreement is available or not	YES	
7	The Project Director, will submit the following Certificates.	-	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	-	
7.2	Certificate from PD in the following format (i) " It is certified that any other location of the Water Supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line 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-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 accommodation proposed six-laning"	-	



S.No.	Item	Information/Status	Remarks
8	If NH section proposed to be taken up by NHAI on BOT basis — s cause in para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right to lay the way to be concessional under the concession agreement for up-gradation on build, operate and transfer basis and therefore, the license shall honor the same".	NA	
9	Who will supervise the work of laying of UG Electrical Cable/HDPE Pipe	Office Executive Engineer, UP. JAL NIGAM (Gramin) EDD- Narayanpur Auraiya -206122	
	(a) On behalf of the Applicant	Office Executive Engineer, UP. JAL NIGAM (Gramin) EDD- Narayanpur Auraiya -206122	
	(b) On behalf of NHAI	Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	Office Executive Engineer, UP. JAL NIGAM (Gramin) EDD- Narayanpur Auraiya -206122	
	(b) On behalf of NHAI	Supervision Consultant	
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	Office Executive Engineer, UP. JAL NIGAM (Gramin) EDD- Narayanpur Auraiya -206122	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).		
13	If any previous approval is accorded for laying of UG electrical cable then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed	NA	

[Name, Designation and signature of the authorised representative of Applicant]

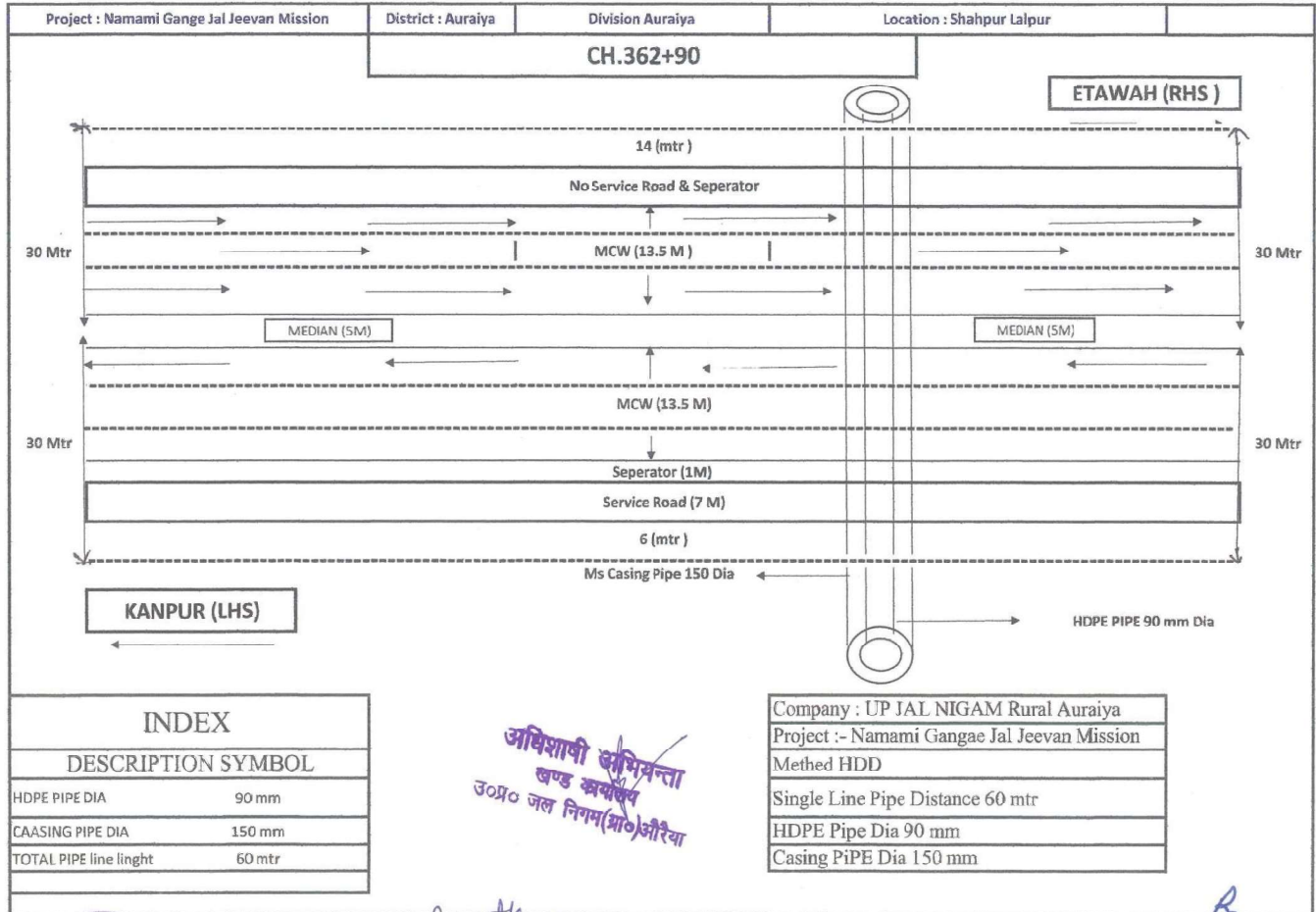
[Name, Designation and signature of concerned authority of NHAI/PIU/Kanpur]

अविशेषी अभियन्ता
खण्ड कार्यालय
राष्ट्रिय जल निगम (ग्राम) औरैया



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Ram Kumar
MANAGER (Tech)
 NHAI, PIU, KANPUR(U.P.)

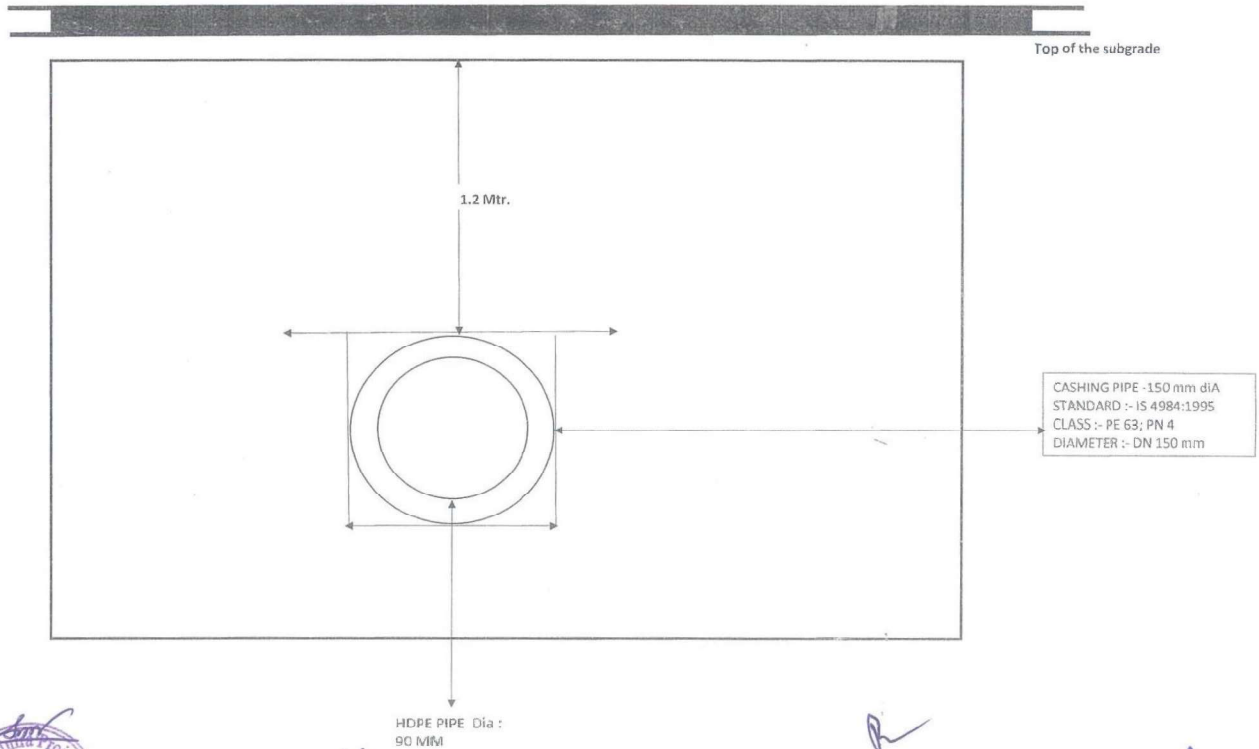
B.
Project Director
 National Highway Authority of India
 P.U., Kanpur

ANNEXURE-A

Intermediate Section

Top of the Road

Top of the subgrade



Renuk Kumar
MANAGER (Tech)
NHAI, PIU, KANPUR(U.P.)

R
श्री. ए.पी. शर्मा
सिविल इंजीनियर
उत्तर प्रदेश सरकार, कानपुर

Pr
Project Director
National Highway Authority of India
PIU, Kanpur