



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

301 - ए, तीसरी मंजिल, पाल हाईट्स, प्लॉट नं जे/ 7, जयदेव विहार, भुवनेश्वर - 751013, ओडिशा

301-A, 3rd Floor, Pal Heights, Plot No : J/7, Jayadev Vihar, Bhubaneswar- 751013, Odisha

दूरभाष / Ph.: 0674 - 2361470/ 570/670 (का/ओ)

ई-मेल/e-mail : roodisha@nhai.org, ronhaiodisha@gmail.com, वेबसाइट/Web : www.nhai.gov.in



NHAI/13011/54/RO/OD/ 2339 /2025

06.10.2025

To

The Sr. Technical Director,  
NIC Centre at MoRTH,  
Transport Bhawan,  
New Delhi 110001

Sub: 4 Laning of Talcher to Kamakhyanagar section of NH-149/ NH-53: Permission for Proposal of M/s RWSS for laying and crossing of Rural Piped water supply project pertaining to 26 GPs Parjang & 9 GPs Kankadahada Block, Dist. Dhenkanal in the state of Odisha - Reg.

Ref: PD, PIU- Dhenkanal letter no. 1553 dated 11.09.2025

Sir,

Please find enclosed herewith proposal of M/s RWSS for laying and crossing of Rural Piped water supply on NH-149 project pertaining to 26 GPs Parjang & GPs Kankadahada Block, Dist. Dhenkanal in the state of Odisha. The details are as under:

Sr. No.	Along/ across	Chainage	Dia of Water Pipe (mm)	Dia of Casing Pipe (mm)	Remarks
1	Crossing	Km. 12.010	90	200	Through HDD method
2	Crossing	Km. 13.170	150	300	
3	Along	from Km. 11.600 to Km. 12.900 (RHS)	100	-	Open trenching method
4	Along	from Km. 12.900 to Km. 15.470 (RHS)	200	-	
5	Along	from Km. 11.820 to Km. 12.432 (LHS)	90, 140 and 160	-	

2. Accordingly, as per guidelines issued by MoRT&H vide F. No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016, the application along with the recommendations of concerned PD/Consultants are enclosed herewith with request to hoist the same in the Ministry's Website for public comments within 30 days of uploading on the website.

This is issued with the approval of Regional Officer, Odisha.

Yours Sincerely,

  
06.10.25

(Abinash Behera)  
Manager (Tech)

# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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301-A, 3rd Floor, Pal Heights, Plot No : J/7, Jayadev Vihar, Bhubaneswar- 751013, Odisha

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NHAI/13011/54/RO/OD/ 2339 /2025

06.10.2025

### INVITATION OF PUBLIC COMMENTS

Sub: 4 Laning of Talcher to Kamakhyanagar section of NH-149/ NH-53: Permission for Proposal of M/s RWSS for laying and crossing of Rural Piped water supply project pertaining to 26 GPs Parjang & 9 GPs Kankadahada Block, Dist. Dhenkanal in the state of Odisha - Reg.

M/s RWSS has submitted the proposal for laying and crossing of Rural Piped water supply on NH-149 project pertaining to 26 GPs Parjang & GPs Kankadahada Block, Dist. Dhenkanal in the state of Odisha. The details are as under:

Sr. No.	Along/ across	Chainage	Dia of Water Pipe (mm)	Dia of Casing Pipe (mm)	Remarks
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4	Along	from Km. 12.900 to Km. 15.470 (RHS)	200	-	
5	Along	from Km. 11.820 to Km. 12.432 (LHS)	90, 140 and 160	-	

2. As per guidelines issued by MoRT&H vide F. No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the Highway Administration will put out the application in the public domain for 30 days for seeking claims and objections on grounds of public inconvenience, safety and general public interest.

3. In view of the above, the comments of public, if any, on the above-mentioned proposal are invited on below mentioned address:

The Regional Officer,  
National Highways Authority of India,  
Regional Office, Odisha  
301-A, 3rd Floor, Pal Heights,  
J/7, Jayadev Vihar, Bhubaneswar 751013, Odisha  
e-mail: [roodisha@nhai.org](mailto:roodisha@nhai.org)

This is issued with the approval of RO, Odisha.

06.10.25

Manager (Tech)  
National Highways Authority of India,  
Regional Office, Odisha  
301-A, 3rd Floor, Pal Heights,  
J/7, Jayadev Vihar, Bhubaneswar 751013



Check list for getting approval for laying of 90,110 & 150 mm dia water pipeline on NH land.			
Sl.No.	Item	Information/Status	Remarks
1.15	Proposed Service road	NA	
	a) Leftside from centre line		
	b) Rightside from Centre line		
1.16	Whether the proposal to lay Water Supply Pipe line is after the Service Road and main carriageway	NA	
1.17	Whether proposal to lay water pipeline shall be considered for approval/rejection based on the Ministry circulars mentioned as above	Yes, Agreed.	
	a) Carrying of Sewage/gas pipeline 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 leakage of water	NA	
	b) Carrying of water pipeline on bridges shall also be discouraged. However, if the water supply authority seem to have no other viable alternative and approach the highway authority well in the before the design of the bridge is finalized, they may be permitted to carry the pipeline on Independent super structure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free space around the superstructure of the bridge remains available for inspection & repairs, etc	Yes, Agreed.	
	c) Cost of required extension of the sub-structure as well as that of the supporting superstructure shall be borne by the agency in charge of the utilities	Yes, Agreed.	
	d) Services are not being allowed indiscriminately on the parapet/any part of the bridges. Safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with concurrence of the Ministry's project Chief Engineers only.	Yes, Agreed.	
	If crossings of the road involved	Yes, 11 Nos. at GHAGARAMUNDA TO GENGUTIA as per attached drawing & documents.	
	If yes, it shall be either encased in pipes or through structure of conduits specially built for that purpose at the expenses of the agency owning the line	Encasing pipe dia = 2 times dia of pipe at GHAGARAMUNDA TO GENGUTIA as per attached drawing & documents.	
	a) Existing drainage structures shall not be allowed to carry the lines.	Yes, Agreed.	
	b) Is it on a line normal to NH	Yes	
	c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 metres. What is the distance from the existing structures.	More than 15 metres at all our crossing locations.	


Superintending Engineer  
RWS & S Division  
Dhenkanal

Site Engineer  
National Highways Authority of India  
Project Implementation Unit-Dhenkanal  
Dy. Manager (Tech.)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
देकानाल/ P.U. Dhenkanal




D. K. Choudhary  
PROJECT DIRECTOR  
National Highways Authority of India  
P.U., Dhenkanal, Odisha

Sl.No.	Item	Information/Status	Remarks
1.18	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.	Yes & Made of MS	
	e)Ends of the casing/conduit pipe shall be sealed from the outside ,so that it doesnot act as drainage path.	Yes, Agreed.	
	f)The casing/conduit pipe should,as minimum extend fro drain to drain in cuts and toe of slope toe of the slope in the fills.	Yes, Agreed.	
	g)The top of the casing /conduit pipe should be atleast 1.2 meter below the surface of the road subject to being atleast 0.3 m below the drain inverts.	Yes,Agreed.	
	h)Crossing shall be by boring method Jackpushing specially where the existing road pavement is of cemet concrete or dense bituminous concrete type.	Yes, Crossings will be done by Jackpushing .	
	i)The casing/Conduit pipe shall be installed with an even bearing throughout its length & in such a manner as to prevent the formation of a water way along it.	Yes, Agreed.	
2	Documents/drawlgs enclosed with the proposal	Yes,Enclosed	
2.1	Crossing-Section showing the trench for open trenching method (is it normal size of 1.2 m deep x 0.3 m wide)	As per drawing , documents enclosed.	
	(i)Should not be greater than 60 cm wider than the other diameter of the pipe.	Yes,Agreed.	
	(ii)Located as close to the extreme edge of the Right of way as possible but not less than 15 meter from the centre lines of the nearest carriage way.	Yes. Agreed	
	(iii)Shall not be permitted to run along the National Highway when the road formation is situated in double cutting .Not shall these be laid over the existing culverts & bridges.	Yes, Agreed.	
	(iv)These should be so laid that their top is atleast 0.6 m below the ground level so as not to obstruct the drainage of the road land.	Yes,Agreed.	
2.2	Cross-Section showing the size of pit & location of pipeline for HDD method.	Yes , submitted as incorporated in the drawing.	
2.3	Strip plan/Route plan showing water pipeline,Chinage,width of ROW,distance of propped pipelines from the edge of ROW ,important milestones,intersections,cross drainage works etc.	Enclosed, Showing all the details in the drawings and documents.	
2.4	Methodology for laying of showing water pipeline	Open cut methododology Submitted at specified locations as per avaiable ROW & Further Compliance by R.W.S&S as per Morth/IRC guidelines mentioned below.	

  
 Dy. M. S. R. S. & S Division  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 प.का.इ. , दhenkanal

  
 Dy. Engineer  
 National Highways Authority of India  
 Project Implementation Unit-Dhenkanal

  
 D. K. Choudhary  
 PROJECT DIRECTOR  
 National Highways Authority of India  
 P.U., Dhenkanal



Sl.No.	Item	Information/Status	Remarks
	Open trenching Method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type.If yes,Methodogy of refilling the trench.		
	(a)The trench width should be atleast 30cm, but not morethan 60 cm wider than the outer diameter of the pipe.	Yes, Agreed to comply.	
2.4.1	(b)For fillling of the trench bedding shall be to a depth of not lessthan 30 cm.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 replace by selected material	Yes, Agreed to comply.	
	( c ) The backfill shall be completed in two stages		
	(i) Sidefill to the level of the top of the pipe and	Yes, Agreed to comply.	
	(ii)Overfill to the bottom of the road crust.		
	(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 Procter's Density Overfill shall be compacted to the same density as the material that had been removed consolidation by saturation of ponding will not be permitted.	Yes, Agreed to comply.	
2.4.1	( e ) The road crust shall be built to the same strength as the exlstng crust on elther side of the trench.Care shall be taken to avoid the formation of a dip at the trench.	Yes, Agreed to comply.	
	(f) The excavation shall be protected by flagman,signs and barricaded and red lights during night hours.	Yes, Agreed to comply.	
	(g)If required, a diversion shall be constructed at the expenses of agency owning the pipelines.	Yes, Agreed to comply.	
2.4.2	Jackpushing method.		
	Laying of Water pipeline through CD works and method of laying	Jack pushing Methodology.	
2.4.3	(a)On approached, the pipeline shall be carried along a line as close to the edge of the right-of-way as possible upto a distance of 30m from the bridge & subjected to all other stipulations contained in this Ministry's guidelines issued with letter no.NH-HI/P/66/76,dated 19.11.1976.	Yes, Agreed to comply.	
3	Draft license agreement signed by two witness	Yes,will be signed.	
4	Performance Bank gurantee in favour of NHAI has to be obtained @Rs.100/- per running meter (parallel to NH) and Rs.1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work)as a security for ensuring / making good excavated trench for laying pipeline by proper fillling and compaction,clearing debris/ loose earth produced due to execution of trenching atleast payment shall be payable by the NHAI to the licensee for clearing debris/loose earth.	Yes, agreed to pay as per MORTH guidelines. <i>Dy. Manager (Tech.)</i>	
4.1	Performance BG as per above is to be obtained	Will be obtained after technical clearance from RO-NHAI. Dhenkanal	
4.2	Confirmation of BG has been obtained as NHAI guidelines	Yes,Will be obtained after technical clearance from RO-NHAI.	

Superintending Engineer

RWS & S Division


Dhenkanal

National Highways Authority of India  
Project Implementation Unit-Dhenkanal


*Project Director*  
National Highways Authority of India  
B-11, Dhenkanal, Odisha-751002

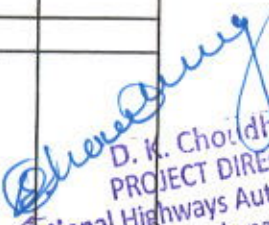


Sl.No.	Item	Information/Status	Remarks
5	Affidavit/Undertaking from the applicant for	Yes, Executive Engineer of RWS&S, Dhenkanal furnished undertaking.	
5.1	not to damage to other utility, if damaged then to pay the losses wither to NHAI or to the concerned agency.	YES, given through undertaking.	
5.2	Renewal of Bank Guarantee	YES, agreed through undertaking.	
5.3	Confirming all standard condition of NHAI's guideline	YES, agreed through undertaking.	
5.4	Shifting of Water pipeline as and when required by NHAI at their own cost.	YES, agreed through undertaking.	
5.5	Shifting due to 6 lanning/widening of NH	YES, agreed through undertaking.	
5.6	Indemnity against all damages and claims clause (xxiv)	YES, agreed through undertaking.	
5.7	Traffic movement during laying of water pipeline to be managed by the applicant.	YES, agreed through undertaking.	
5.8	If any claims is raised by the Concessionaire then the same has to be paid by the applicant.	YES, agreed through undertaking.	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation ,shifting or repairs, or alterations to the water pipeline located in the National Highway right-of-way.	YES, agreed through undertaking.	
5.10	Expenditure, if any, incurred by NHAI for rapairing any damage caused to the National Highway by laying ,Maintenance or shifting of the water pipeline will be borne by the agency owning them.	YES, agreed through undertaking.	
5.11	If the NHAI consider it necessary in future to move the pipelines for any work of Improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the pipelines.	YES, agreed through undertaking.	
5.12	Certificate from the applicant in the following format	Yes, Agreed to comply & Enclosed.	
	(i) Laying of pipelines will not have any deleterious effects on any of the bridge components and road way safety for traffic.	Yes, Certificate Enclosed.	
	(ii) For 6 lanning we do under take that I will relocate pipelines at my own cost notwithstanding the permission granted such time will be stipulated by NHAI for future six-lanning , any other development.	Yes, Certificate Enclosed.	
6	Who will Sign the agreement on behalf of Water supply Pipeline agency.	The Executive Engineer RWS&S ,Govt. of Odisha, Dhenkanal	
7	Certificate from the project Director		
7.1	Certificate for conforming of all standard condition issued vide ministry Circular no. NH-51(58)/68, Dt. 21.01.1969, Ministry circular no. RW/NH-III/P/66/76, dated 18/19.11.1976, Ministry circular no. RW/NH-III/P/66/76, dated 11.5.1982, Ministry circular no. RW/NH-11037/1/86-DOI (ii), dt. 28.07.1993, Ministry Circular RW/NH-11037/1/86-DOI, Dt. 19.1.1995, Ministry circular RW/NH-34066/2/95/S&R(B), dt. 17.09.2003 , 1. Ministry circular no. RW/NH-33044/29/2015/S&R( R ) dt. 22nd November 2016	Yes, Attached.	

  
 उप प्रबंधक (तकनीक)  
 Dy. Manager  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 का.इ. देहकानाल/ P.U. Dhenkanal

Superintending Engineer  
 RWS & S Division  
 Dhenkanal

  
 Site Engineer  
 National Highways Authority of India  
 Project Implementation Unit-Dhenkanal

  
 D. K. Choudhary  
 PROJECT DIRECTOR  
 National Highways Authority  
 P.U. Dhenkanal, Odisha





Sl.No.	Item	Information/Status	Remarks
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the water pipeline would be extremely difficult & unreasonably costly and the installation of water pipeline with ROW will not adversely affect the design stability & traffic safety of the highway nor the likely future improvement such as widening of carriage way, easing of curve etc., (ii) for 6-lanning	Yes, Attached	
7.2	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed 6 lanning based on the feasibility report considering proposed structures at the said location	NA	
	(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accomodating proposed 6-lanning."	NA	
8	If NH section proposed to be taken upto NHAI on BOT basis - a clause is to be inserted in the agreement. "The permitted highway on which license has been granted the right way to lay water pipeline also been granted as a way to the concessionaire under the concession agreement for upgradation of [ PALLAHARA - PITIRI Section From Section-1 [Ch.00 – Ch.68280 (L.H.S)] of NH-149 build ,operate & transfer basis] & therefore , the license shall honour the same."	NA	
9	Who will supervise the work of laying of water pipeline ?	Laxmi Civil Engineering Services Pvt. Ltd., Dhenkanal, Odisha Office	
10	Who will ensure that the defects in road portion after laying of water pipeline are corrected and if not then what action will be taken.	Laxmi Civil Engineering Services Pvt. Ltd., Dhenkanal, Odisha Office if not corrected , Laxmi Civil Engineering Services Pvt. Ltd., Dhenkanal, Odisha Office bear the cost of rectification as asked by NHAI.	
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	RWS & S , Dhenkanal	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permission ie The prescribed proforma (copy enclosed)	Yes, Attached	
13	If any previous approvals accorded for laying of underground water supply pipeline the photocopy of register of records of permission accorded as maintained by PD then copy to be enclosed.	Yes, Attached	

Assistant Engineer  
R.W.S. & S. Section  
Parang

Site Engineer  
National Highways Authority of India  
Project Implementation Unit-Dhenkanal



उप प्रबंधक (तकनीकी)  
Dy. Manager (Tech.)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
पु.का.इ. - दhenkanal P.I.U. Dh.

Executive Engineer  
R.W.S. & S. Division  
Dhenkanal

PROJECT DIRECTOR  
National Highways Authority of India  
P.I.U., Dhenkanal, Odisha





सत्यमेव जयते

# 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 क्रियान्वयन इकाई - डेंकानाल / Project Implementation Unit - Dhenkanal  
प्लॉट नं-1768, कलिंग आंखों के अस्पताल के समीप, दक्षिणकाली मार्ग, डेंकानाल -759001, (ओडिशा)  
Plot No. : 1768, Near Kalinga Eye Hospital, Dakkhinkali Road, Dhenkanal-759001 (Odisha)  
दुरभाष / Ph. : 06762 - 796579 (का / O)  
ई-मेल / E-mail : piudhenkanal@nhai.org, nhaidhenkanal@gmail.com

No. RWSS/124/Parjang/Kankadahada/NH-53/2025/1553

Date: 11.09.2025

Regional Officer,  
National Highways Authority of India,  
RO office, Odisha. 301-A, 3<sup>rd</sup> Floor,  
Pal Heights, J/7, Jaydev Vihar,  
Bhubaneswar-751013

Sub: 4 Laning of Talcher to end of Kamakhyanagar Bypass km 8.844 - km 15.725 of NH-149 and km 301.875 - km 335.946 of NH-53 (Pkg-I):- Execution of Rural Piped water supply project pertaining to 26 GPs Parjang & 9 GPs Kankadahada Block of Dhenkanal District-Reg.- Submission of NH crossing details for laying of CWRM & Distribution pipeline along & across the NH-53.

Ref: (i) RWSS letter no. 1634 dated 02.08.2025  
(ii) This office letter no. 1422 dated 22.08.2025  
(iii) AE letter no. 1021 dated 02.09.2025

Sir,

In reference to subject matter, RWSS vide letter no. 1634 dated 02.08.2025 has submitted proposal for execution of Rural Piped water supply project pertaining to 26 GPs Parjang & 9 GPs Kankadahada Block of Dhenkanal District-Reg.- Submission of NH crossing details for laying of CWRM & Distribution pipeline along & across the NH-53.

In this regard, this office vide letter no. 1422 dated 22.08.2025 requested AE to examine the proposal in accordance with MoRTH guidelines dated 22.11.2016 and subsequent amendments. Subsequently, AE vide letter no. 1021 dated 02.09.2025 has reviewed the proposal as per MoRTH guidelines (site inspection note attached).

In view of the above & based on the recommendation of AE, the subjected proposal is recommended for approval of Competent Authority, NHAI.

Encl: As above

Yours faithfully,

*(Signature)*  
11.09.2025  
(D K Chaudhary)  
Project Director



भा. स. रा. प्रा. क्षेत्रीय कार्यालय	
N.H.A.I., Regional Office	
ओडिशा, भुवनेश्वर	
Odisha, Bhubaneswar	
ड. नं.	.....
Dy. No.	3305
दिनांक	.....
Date	15-09-25
Mark to	.....
GM (T)	
DGM (T)	
M (T)	✓
DM (T)	
F&A	
PS	
PA	
DDO/Acdt.	

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**Site Inspection Note Execution of Rural Piped water supply project pertaining to 26 GPs Parjang & 9 GPs Kankadahada Block of Dhenkanal District & Submission of NH crossing details for laying of CWRM & Distribution pipeline along & across the NH-53 & NH-149.**

The proposed underground water pipeline is to be laid between Chainage 11+600 km and Chainage 14+800 km (LHS & RHS) on the Sarang-Pitri Road along NH-149, District Dhenkanal, State Odisha, for a total length of 4.482 km. and total of 2 nos. NH crossing points between Chainage 12+010 km and 13+170 km have been inspected on 24.08.2025 by the AE team along with a representative from Laxmi Civil Engineering Services Pvt. Ltd. It was found that the proposed site satisfies all the requirements as per the MoRTH guidelines dated 22.11.2016 and subsequent amendments. Further details have also been verified.

1. The proposed laying of the underground water pipeline is from Chainage 11+600 km to 14+800 km (LHS & RHS) of the project highway and 2 nos. NH crossings located between Chainage 12+010 km and 13+170 km (LHS & RHS) of the project stretch. These locations were inspected on-site and it was found that sufficient Right of Way (ROW) is available for laying the pipeline.
2. Trenching along the project stretch will be carried out using the open trenching method, while crossings will be executed using the HDD (Horizontal Directional Drilling) or jack pushing method. The Trenching along the project stretch will be done by open trenching & Crossing will be HDD/Jack pushing method.
3. The Row at the proposed location is approximately 60 mtrs. of the project highways.
4. All dimensions specified in drawing are found meeting the MoRTH standards.
5. The stipulated norms/check list, methodology and drawings have been verified as per MoRTH guideline dated 22.11.2016 and found to be in order.


  
Assistant Engineer  
RWS & S. Section  
Parjang

  
Superintending Engineer  
RWS&S Division  
Dhenkanal



  
Site Engineer  
National Highways Authority of India  
Project Implementation Unit-Dhenkanal

  
उप प्रबंधक (तकनीक)  
Dy. Manager (Tech.)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
प.का.इ. , दhenkanal/ P.I.U. Dhenkanal

  
D. K. Choudhary  
PROJECT DIRECTOR  
National Highways Authority of India  
P.I.U., Dhenkanal