



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/ 46 /2025

07.01.2025

To

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

Sub: Cuttack -Angul section of NH-55 from Km. 0.400 to Km. 60.200 (Pkg-I):
Proposal of permission for crossing of Electrical cable line at Km. 21+615 on
NH-55 at Mouza -Rhadadamodarpur, Tehsil- Athagarh, District Cuttack -Reg.

Ref: PD, PIU- Dhenkanal letter No. 2108 dated 27.12.2024.

Sir,

Please find enclosed herewith the proposal for permission for crossing of
Electrical cable line of M/s SKDRIPL at Km. 21+615 on NH-55 at Mouza -
Radhadamodarpur, Tehsil- Athagarh, District Cuttack. The details are as under:

Sl. No.	Description	Chainage	HDPE / DI Pipe Dia in MM	Remarks
1.	Crossing	Km. 21+615	2 nos of 110 mm dia of HDPE pipe	33 KV UG Cable through HDD

2. Accordingly, as per guidelines issued by MoRTH 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 faithfully,

(Abinash Behera)
Manager (Tech)



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

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NHAI/13011/54/RO/OD/ 96 /2025



07.01.2025

INVITATION OF PUBLIC COMMENTS

Sub: Cuttack -Angul section of NH-55 from Km. 0.400 to Km. 60.200 (Pkg-I):
Proposal of permission for crossing of Electrical cable line at Km. 21+615 on
NH-55 at Mouza -Rhadadamodarpur, Tehsil- Athagarh, District Cuttack -Reg.

PD, PIU - Dhenkanal vide letter No. 2108 dated 27.12.2024 recommended the
proposal for permission for crossing of Electrical cable line of M/s SKDRIPL at Km.
21+615 on NH-55 at Mouza -Radhadamodarpur, Tehsil- Athagarh, District Cuttack. The
details are as under:

Sl. No.	Description	Chainage	HDPE / DI Pipe Dia in MM	Remarks
1.	Crossing	Km. 21+615	2 nos of 110 mm dia of HDPE pipe	33 KV UG Cable through HDD

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

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

[Signature]
07.01.25

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

CHECK – LIST

Guidelines for Project Directors for processing the proposal for laying of electrical cable in the land along National Highways vested with NHAI.

- **Relevant Circulars**

1. Ministry Circular No. NH-41(58)/68 dated 31.1.1969
2. Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976
3. Ministry Circular No. RW/NH-III/P/66/76 dated 11.05.1982
4. Ministry Circular No. RW/NH-11037/1/86-DOI(ii) dated 28.07.1993
5. Ministry Circular No. RW/NH-11037/1/86-DOI dated 19.01.1995
6. Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999
7. Ministry Circular No. RW/NH-34066/7/2003 S&R(B) dated 17.09.2003

SKD Rice Industries (P) Ltd.


Managing Director

Check list for getting approval for laying of Electrical Cable Line on NH land.

Sl. S	Item	Information/Status	Remarks
1	General Information		
1.1	Name and address of the applicant/agency	Sri Mahendra Kumar Agarwal For & on behalf of SKD Rice Industries Pvt. Ltd.	
1.2	National Highway Number	NH-55(Old NH-42)	
1.3	State	Odisha	
1.4	Location	Radhadamodarpur	
1.5	(Chainage in Km.)	Km. 21+615	
1.6	Length in Meters.	60m	
1.7	Width of available Row		
	(a) Left side from centre line towards increasing chainage/km. direction	30m	
	(b) Right side from centre line towards increasing chainage/km. direction	30m	
1.8	Proposal to lay underground electrical cable	Electric power cable is proposed to cross the NHAI ROW..	
	(a) Left side from center line towards increasing chainage/km direction. (b) Right side from center line towards increasing chainage/km direction.	Crossing only.	
1.9	Proposal to acquire land	NA	
	(a) Left side from centre line.		
	(b) Right side from centre line.		
1.10	Whether proposal is in the same side where land is not to be acquired If not then where to lay the cable	NA	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of lanes (2/4/6/8 lanes)existing	4	
1.13	Proposed number of lanes(2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not If yes then which side	No	
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed service road	No proposal	
	(a) Left side from centerline		
	(b) Right side from center line		
1.16	Whether proposal to lay electric cable line is after the service road or between the service road and main carriageway	Only Crossing	
1.17	The permission for laying of electric cable		

SKD Rice Industries (P) Ltd.

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Site Engineer

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Project Implementation Unit-Dhenkanal


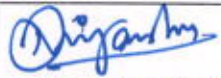
Team Leader

Authority Engineer

L.N. Malviya Project Pvt. Ltd.

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

Dy. Manager (Tech.)
उप प्रबंधक (तकनीक)
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
प.का.इ. दhenkanal/ P.U. Dhenkanal

	line shall be considered for approval/rejection based on the Ministry Circulars mentioned as above.		
(a)	Carrying of sewage/gas pipelines 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.	Agreed	
(b)	Carrying of water pipe lines on bridges shall also be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the Highway Authority well in time before the design of the bridge is finalized. They may be permitted to carry the pipe line on independent superstructure, 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 and repairs etc.	Agreed	
(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.	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 the concurrence of the Ministry's project Chief Engineers only.	Agreed	 D. K. Choudhary PROJECT DIRECTOR National Highways Authority of India P.I.U., Dhenkanal, Odisha.
1.18	If crossing of the road involved. 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.	Agreed	 उप प्रबंधक (तकनीक) Dy. Manager (Tech.) भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India प.का.इ., दhenkanal/ P.I.U. Dhenkanal
(a)	Existing drainage structures shall not be allowed to carry the lines.	Agreed	
(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 meter. What is the distance from the existing structures?	Agreed	
(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	Agreed	

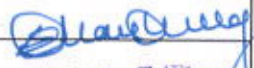

SKD Rice Industries (P) Ltd.


Managing Director


Site Engineer


National Highways Authority of India
Project Implementation Unit-Dhenkanal


Team Leader
Authority Engineer
L.N. Malviya Project Pvt. Ltd.



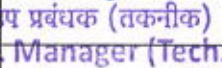
	cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.		
(e)	Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Agreed	
(f)	The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Agreed	
(g)	The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 mtr below the drain inverts.	Agreed	
(h)	Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Agreed	
(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.	Agreed	
2	Document / Drawings enclosed with proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching method.(Is it normal size of 1.2m deep X0.3m wide).	Details shown in the drawing attached	
(i)	Should not be greater than 60cm. Wider than the outer diameter of the pipe.	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 carriageway.	Agreed	 D. K. Choudhary PROJECT DIRECTOR National Highways Authority of India P.I.U., Dhenkanal, Odisha
(iii)	Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.	No such case existing	
(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.	Agreed	
2.2	Cross section showing the size of the pit and location of cable for HDD method	Enclosed	उप प्रबंधक (तकनीक) Dy. Manager (Tech.)
2.3	Strip plan / Route plan showing water supply pipe line, chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Attached	भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India प.का.इ. , दूँकानाल/ P.I.U. Dhenkanal

SKD Rice Industries (P) Ltd.


Managing Director
National Highways Authority of India
Project Implementation Unit-Dhenkanal


Site Engineer


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Authority Engineer
L.M. Malviya Project Pvt. Ltd.

2.4	Methodology for laying of proposed electric cable	Attached	
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 at least 30 cm, but not more than 60 cm 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 30cm. 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 selected material.	NA	
(c)	The backfill shall be completed in two stages (i) side-fill to the level of 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	 D. K. Choudhary PROJECT DIRECTOR National Highways Authority of India P.I.U., Dhenkanal, Odisha
(e)	The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	NA	
(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 expenses of agency owning the utility line.	NA	
2.4.2	Horizontal Directional Drilling(HDD) Method	Yes	 उप प्रबंधक (तकनीक) Dy. Manager (Tech.) भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India प.का.इ. दhenkanal/ P.I.U. Dhenkanal
2.4.3	Laying of electric cable line through CD works and method of laying	NA	
(a)	On approaches, the water supply 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 30 m from the bridge and subject to all other stipulations contained in this Ministry's guidelines	Agreed	

SKD Rice Industries (P) Ltd.

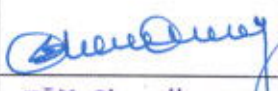


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Project Implementation Unit-Dhenkanal


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Malviya Project Pvt. Ltd.

	issued with letter No. NH-HI/P/66/76 dated 19.11.1976.		
3	Draft License Agreement signed by two witness	Enclosed	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs.50/- 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 the excavated trench for laying the cables/ducts by proper filling and compaction, cleaning debris / loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris /loose earth.	Agreed	
4.1	Performance BG as per above is to be obtained.	Agreed	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Agreed	
5	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	Renewal of Bank Guarantee.	Shall be submitted	
5.3	Confirming all standard condition of NHAI's guidelines.	Enclosed	 D.K. Choudhary PROJECT DIRECTOR National Highways Authority of India P.I.U., Dhenkanal, Odisha
5.4	Shifting of Water supply pipe line as and when required by NHAI at their own cost.	Enclosed	
5.5	Shifting due to 6 laning/widening of NH.	Enclosed	
5.6	Indemnity against all damages and claims clause(xxiv).	Enclosed	
5.7	Traffic movement during laying of water supply pipeline to be managed by the applicant.	Enclosed	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant.	Enclosed	उप प्रबंधक (तकनीक) Dy. Manager (Tech.) भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India प.का.इ., दॅकानाल/ P.I.U. Dhenkanal
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing water supply pipe line located in the National Highway right of ways.	Enclosed	

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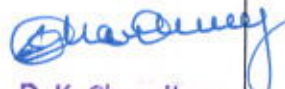


Site Engineer

National Highways Authority of India
Project Implementation Unit-Dhenkanal


Team Leader

Authority Engineer

L.N. Malviya Project Pvt. Ltd.


5.10	Expenditure, if any incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the water supply pipe line will be borne by the agency owning the line.	Enclosed	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it shall be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time(not exceeding 60days) of the intimation given.	Enclosed	
5.12	Certificate from the applicant in the following format (i) Laying of water supply pile line 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 we will relocate service roads/approach road/utilities at our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six-laning or any other development".	Enclosed	 D. K. Choudhary PROJECT DIRECTOR National Highways Authority of India P.U., Dhenkanal, Odisha
6	Who will sign the agreement on behalf of water supply pipe line agency	Sri Mahendra Kumar Agarwal	
7	Certificate from the Project Director	Shall be enclosed	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. 1. Ministry Circular No. NH-41(58)/68 dated 31.1.1969 2. Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976 3. Ministry Circular No. RW/NH-III/P/66/76 dated 11.05.1982 4. Ministry Circular No. RW/NH-11037/1/86-DOI(ii) dated 28.07.1993 5. Ministry Circular No. RW/NH-11037/1/86-DOI dated 19.01.1995 6. Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999 7. Ministry Circular No. RW/NH-	(Yes/No)	Yes  उप प्रबंधक (तकनीक) Dy. Manager (Tech.) भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India प.का.इ. , देंकानाल/ P.U., Dhenkanal

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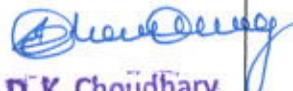



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Site Engineer

National Highways Authority of India
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Malviya Project Pvt. Ltd.

	34066/7/2003 S&R(B) dated 17.09.2003		
7.2	<p>Certificate from PD in the following format</p> <p>(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 and traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc."</p> <p>(ii) For 6- laning</p> <p>(a) Where feasible is available" I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location."</p> <p>(b) In case feasibility report is not available, " I do certify that sufficient ROW is available at site for accommodating proposed six-laning."</p>	(Yes/No)	<p>Yes</p> <p> D. K. Choudhary PROJECT DIRECTOR National Highways Authority of India P.I.U., Dhenkanal, Odisha</p>
8	<p>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 to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [----- -section from Km ----- to Km ----- ---of NH NO.-----on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."</p>	Agreed	<p>Yes</p> <p> उप प्रबंधक (तकनीक) Dy. Manager (Tech.) भारतीय राष्ट्रीय राजमार्ग प्रधिकरण National Highways Authority of India प.का.इ. , दhenkanal/ P.I.U. Dhenkanal</p>
9	Who will supervise the work of laying of electric cable line	Sri Mahendra Kumar Agarwal	
10	Who will ensure that the defects in road portion after laying of electric cable line are corrected and if not corrected then what action will be taken.	Sri Mahendra Kumar Agarwal	<p>Site Engineer National Highways Authority of India Project Implementation Unit-Dhenkanal</p>

SKD Rice Industries (P) Ltd.


Managing Director



Team Leader
Authority Engineer
L.N. Malviya Project Pvt. Ltd.

11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	Sri Mahendra Kumar Agarwal	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed).	Enclosed	
13	If any previous approval is accorded for laying of underground water supply pipe line that photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed	Agreed	


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


उप प्रबंधक (तकनीक)
Dy. Manager (Tech.)
भारतीय राष्ट्रीय राजमार्ग प्रधिकरण
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प.का.इ. , दैकांनल/ P.I.U. Dhenkanal