



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/ 47 /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 (Pkg-I): Proposal of permission for laying of water supply pipe line of M/s RWSS. Cuttack Div. from Km. 6+910 to Km. 7+750 on LHS and one Crossing at Km. 6+910 in Tangi-Choudwar, in the state of Odisha - Reg.

Ref: PD, PIU- Dhenkanal letter No. 2032 dated 16.12.2024.

Sir,

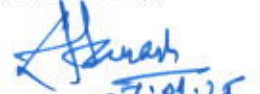
Please find enclosed herewith the proposal for permission for laying of water supply pipeline of M/s RWSS. Cuttack Div. from Km. 6+910 to Km. 7+750 on LHS and one Crossing at Km. 6+910 in Tangi-Choudwar, in the state of Odisha. The details are as under:

Sl. No.	Description	Chainage	HDPE / DI/ MS Pipe Dia in MM	Remarks
1.	Crossing	Km. 6+910	700 mm & 300 mm MS casing pipe	Through HDD method
2.	Along the NH	From Km. 6+910 to Km. 7+750 (LHS)		

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 faithfully,


(Abinash Behera)
Manager (Tech)



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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NHAI/13011/54/RO/OD/ 47 /2025

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INVITATION OF PUBLIC COMMENTS

Sub: Cuttack-Angul section of NH-55 (Pkg-I): Proposal of permission for laying of water supply pipe line of M/s RWSS, Cuttack Div. from Km. 6+910 to Km. 7+750 on LHS and one Crossing at Km. 6+910 in Tangi-Choudwar, in the state of Odisha - Reg.

RWSS, Cuttack Div. has Submitted a Proposal for permission for laying of water supply pipeline of M/s RWSS, Cuttack Div. from Km. 6+910 to Km. 7+750 on LHS and one Crossing at Km. 6+910 in Tangi-Choudwar, in the state of Odisha. The details are as under:

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2.	Along the NH	From Km. 6+910 to Km. 7+750 (LHS)		

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 RO, Odisha.

(Signature)
07-1-25

Manager (Tech)
National Highways Authority of India,
Regional Office, Odisha
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CHECK LIST

Guidelines for project Directors for processing the proposal for laying Optical Fiber Cable in the land across National Highway vested with NHAI.

Relevant Circulars

1. Ministry Circular No. NH-41 (58) / 68 dated 31-1-1969
2. Ministry Circular No. NH-III / P / 66/96 dated 18/19-11-1976
3. Ministry Circular No. RW/NJ-III/P/66/76 dated 01.05.1982
4. Ministry Circular No. RW/NH – 11037 / 1 / 86 – DOI (II) dated 28.07.1993
5. Ministry Circular No. RW/NH-11067 / 1 / 1 / 86-DOI dated 17.09.2003
6. Ministry Circular No. RW / NH-34066 / 2 / 95 / S&S dated 25.10.1999
7. Ministry Circular No. RW/NH-34066/7/2003 S&R dated 17.09.2003
8. Ministry Circular No. RW/NH-34044/29/2015-S&R(R) dated 22.11.2016
9. Ministry Circular No. NH-36094/01/2022-S&R(P & B) dated 17.04.2023

CHECKLIST FOR GETTING APPROVAL FOR LAYING OF OFC ON NH LAND

Sl. No.	Item	Information / Status	Remarks
1	General Information	Laying of Optical Fiber cable	
1.1	Name and Address of the Applicant Agency	RURAL WATER SUPPLY AND SANITATION DIVISION NO I MAHANADI VIHAR, CUTTACK, ODISHA- 753004	
1.2	National Highways Number	NH - 55	
1.3	State	Odisha	
1.4	Location	Near Choudwar	
1.5	Chainage in Km	From Ch. No- 6/910 Km to Ch. No- 7/750 on RHS – 0.840 KM & Road crossing at Ch. 6/910 Km- 0.060 Km	
1.6	Length in Meters	900 mtr	
1.7	Width of Available Road of NHAI Land		
	(a) Left side from centre line towards increasing chainage / km direction	Details mentioned in RoW Statement	
	(b) Right side from centre line towards increasing chainage /km direction	Details mentioned in RoW Statement	
1.8	Proposal to lay underground PIPE LINE	YES	
	(a) Left side from center line towards increasing chainage / km direction.	From Ch. No- 6/910 Km to Ch. No- 7/750 on LHS	
	(b) Right side from centre line towards increasing chainage/km direction	N/A	
1.9	Proposal to acquire land	NO	
	(a) Left side from centre line towards increasing chainage /km direction.	NO	


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Superintending Engineer
RWSS Division, Cuttack


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



	(b) Right side from centre line towards increasing chainage / km direction.	NO	
1.10	Whether the proposal is on the same side where land is not to be acquired	NA	
	If not then where to lay the OFC cable	At the Extreme edge of NHAI ROW	
1.11	Details of already laid services, if any, along the proposed route.	NA	
1.12	Number of Existing lanes (2/4/6/8 lanes)	4 Lanes with paved shoulders	
1.13	Proposed No. of Lanes (2 Lanes with paved shoulders/4/6/8 Lanes)	NA	
1.14	Service Road (Existing or not)Y/N if then which side	No	
	(a) Left side from centre line (WIDTH)	NA	
	(b) Right side from centre line (WIDTH)	NA	
1.15	Proposed Service Road	NO	
	(a) Left side from centre line	NA	
	(b) Right side from centre line	NA	
1.16	Whether proposal to lay ofc cable is beyond the Service Road of between the service road and main carriageway.	NA	
1.17	The Permission for laying of ofc cable shall be considered for approval rejection based on Ministry Circulars mentioned as above. a. Carrying of sewage/gas pipeline on Highway bridges shall not be permitted as fumes / gasses pipes can accelerate the process of corrosion, thus being much cause explosions, thus being much more injurious that leakage of gas. b. Carrying of Gas pipe lines on bridges shall also be discourge.	Yes Agreed to comply	

(Signature)
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Superintending Engineer
PWSS Division, Cutack
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Authority Engineer
LAL MALVIYA Infra Project Pvt. Ltd.

(a) Whether existing drainage structures are allowed to carry Optical Fiber Cable	NA	
(b) Is it on a line normal to NH	NA	
(c) What is the distance of crossing the Optical Fiber Cable from the existing structures ? Crossing shall not be too near the existing structure on the National Highways, the minimum distance being 15 meter.	NA	
(d) The casing pipeline (or conduit pipeline in the case of electric pipeline) 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 pipeline / pipeline. Mention type of crossing.	YES	
(e) Ends of the casing / conduit pipeline shall be sealed from the outside, so that it does not act as a drainage path.	NA	
(f) The Casing / Conduit Pipeline should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	NA	
(g) The top of the Casing / Conduit pipeline should be at least 1.2 meter below the surface of the road subject to being at least 0.3 meter below the drain inverts. Mention the proposed details.	NA	
(h) Crossing shall be by boring method (HDD) (Trench less Technology), especially where the existing road pavement is of cement concrete or dense bituminous concrete type.	NA	


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2	Documents / Drawings to be enclosed with the proposal	Yes, Drawings, Documents enclosed.	
2.1	<p>Cross Section showing the size of the trench for open trenching method (is it normal size of 1.65m deep / x0.3m wide)</p> <p>(i) Should not be greater than 60 cm wider than the outer diameter of the pipeline.</p> <p>(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.</p> <p>(iii) Shall not to be permitted to run across the National Highways when the road formation is situated in double cutting. Nor shall be these are laid over the existing culverts or bridges.</p> <p>(iv) These should be so laid that top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.</p>	<p>Not normal size but as per drawing attached</p> <p>Yes, Agreed to comply</p> <p>Yes, Agreed to comply</p> <p>Yes, Agreed to comply</p> <p>Yes, Agreed to comply</p>	
2.2	Cross Section showing the size of pit and location of OFC for HDD method.	Yes submitted as incorporated in the drawing.	
2.3	Strip Plan/Route Plan showing the Optical Fiber Cable, Chainage, width of ROW, distance of proposed pipeline from the edge of ROW, Important milestone, intersections, cross drainage works etc.	Yes, submitted	
2.4	Methodology for crossing of the Optical Fiber Cable.	Yes, Submitted.	HDD
2.4.1	Open Trenching Method. (May be allowed in utility corridor only where	NA	

Dheerendra
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Shubh
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	pavement is neither cement concrete nor dense bituminous concrete type. If yes, what is the methodology of refilling of trench.		
	The trench width should be at least 30cm but not more than 60cm wider than the outer diameter of the pipeline.	NA	
	i) 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 cabbies and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edge should be excavated and replaced by selected material.	NA	
	The backfill shall be completed in two stages (i) side fill to the level of the top of the pipeline and (ii) overfill to the bottom of the road crust.	NA	
	iv) The side-fill shall consist of granular material laid 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 pounding will not be permitted.	NA	
	v) 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 dip at the trench.	NA	
	vi) The excavation shall be protected by flagman,	Yes Agreed to comply	


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	signs and barricades and red lights during night hours.		
	vii) If required, a diversion shall be constructed at the expense of the agency owning the utility line.	Yes Agreed to comply	
2.4.2	Horizontal Directional Drilling (HDD) Method.	YES HDD Method allowed as per submitted methodology at specific location as per available row for further compliance as per MoRTH guide line	
2.4.3	Methodology for laying of optical cable through CD works and method of laying. In cases where the carrying of Optical Fiber Cable on the bridge becomes inescapable.	At all CD work locations HDD method will be adopted.	
3	Draft license agreement signed by two witnesses.	Yes, Submitted.	
4	Performance Bank Guarantee in favor 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 crossing the Optical Fiber Cable / ducts by proper filling and compaction, clearing debris / loose earth produced due to execution of trenching at least 50 meter away from the edge of the Right of way (ROW). No payment shall be payable by NHAI to the licensee for clearing debris / loose earth. Performance BG as per above is to be obtained.	Yes, agreed for submission of Performance BG as per latest MoRTH/NHAI guidelines.	


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4.1	Confirmation of BG has been obtained or not as per NHAI guidelines.	Yes, agreed for submission	
5	Affidavit / Undertaking from the Applicant for the following is to be furnished.	Attached	
5.1	Not damage to the other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency.	Undertaking Attached	
5.2	For Renewal of Bank Guarantee	Undertaking Attached	
5.3	For confirming all standard conditions of Ministry Circulars and NHAI's Guidelines.	Undertaking Attached	
5.4	For shifting of OFC as and when required by NHAI at their own cost.	Undertaking Attached	
5.5	For shifting of Optical Fiber Cable due Six Leaning widening of NHAI	Undertaking Attached	
5.6	For indemnity against all damages and claims.	Undertaking Attached	
5.7	For traffic Movement during crossing of OFC to be managed by the applicant.	Undertaking Attached	
5.8	If any claim is raised by the Concessionaries then the same has to be paid by the applicant.	Undertaking Attached	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Optical Fiber Cable / any other utility located in the	Undertaking Attached	


[Signature]
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Superintending Engineer
 PWSS Division, Cuttack


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Dy. Manager (Tech.)
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	National Highways right if way's.		
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highways by crossing, maintenance or shifting of the Optical Fiber Cable will be borne by the applicant agency owning the line.	Undertaking Attached	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement of repairs to the road, it will be carried out as desired by NHAI at the cost of the agency owning the utility line within the reasonable time (not exceeding 60 Days) of the intimation given.	Undertaking Attached	
5.12	<p>Certificate from the applicant in the following format :</p> <p>(i) Laying of Optical Fiber Cable will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</p> <p>(ii) "We do undertake that I/We will relocated service road / approach road / utilities at my / our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for</p>	<p>Yes, Agreed & submitted</p> <p style="text-align: right;">  परियोजना निदेशक PROJECT DIRECTOR भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India प.का.इ., देहकानाल/P.I.U., Dhenkanal </p>	


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	future six laning or any other development.		
6	Who will sign an agreement on behalf of Optical Fiber Cable agency?	Superintending Engineer, RURAL WATER SUPPLY AND SANITATION DIVISION NO I, Cuttack.	
7	The Project Director, will submit the following Certificates.	Attached	
7.1	Certificate for proposal for confirming of all standard condition issued vide Ministry of Road Transport and Highways Circular No. NH-III/P/66/76 dated 18/19.11.1976, RW/NH – III /P / 66/76 dated 11.05.1982, RW / NH – 11037/1/86 – DOI dated 28.07.1983 NH-11037 / 1 / 86 – DOI dated 1.1995; RW / NH – 34066/2/95/ S&R dated 25.10.1999 and circular No. / NH-34066/7/2003 S&R (B) dated 17.09.2003.	Yes, attached.	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the water OFC CABLE would be extremely difficult and unreasonably costly and installation of Optical Fiber Cable within ROW will not adversely affect the design, stability & Traffic safety of the Highway nor the likely future Improvement such as widening of the carriage way, easing of curve etc." (ii) for 6 laning (a) where feasibility is	Attached	


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Site Engineer
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Superintending Engineer

RWS Division, Cuttack उप प्रबंधक (तकनीक)


Dy. Manager (Tech.)

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	available "I do certify that there will be no hindrance to the feasibility report is not available "I do certify that sufficient ROW is available at side for accommodating six laning."		
8	"If NH section proposed at be taken up by NHAI on BOT basis a clause is to be inserted in the agreement." The permitted Highway on which License has been granted the right to lay Optical Fiber Cable line /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 honor the same.	NA	
9	Who will supervise the work of Laying of OFC cable		
	(a) On Behalf of the Applicant	RWSS division, Cuttack	
	(b) On Behalf of NHAI	Person authorized by NHAI.	
10	Who will ensure that the defects in road portion after crossing of OFC CABLE are corrected and if not corrected then what action will be taken.		
	(a) On Behalf of the Applicant	As NHAI Authority would instruct accordingly the RWSS shall comply.	
	(b) On Behalf of NHAI	Person authorized by NHAI	


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 Division Cuttack


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11	Who will pay the claims for damages done / disruption in working of concessionaire if asked by the Concessionaire.		
	On Behalf of the Applicant	RWSS, Division MAHANADI VIHAR, CUTTACK, ODISHA- 753004	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed performa.	Yes attached	
13	If any previous approval is accorded for crossing of underground OFC cable then photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed.	NA	


परियोजना निदेशक
PROJECT DIRECTOR
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
 National Highways Authority of India
 प.का.इ. देहकानाल/ P.I.U. Dhenkanal


Superintending Engineer
 रा.रा.म.प. विभाग, कटक


Site Engineer
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