



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

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

क्षेत्रीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर ,  
रानीगरीतोटा, कृष्णालंका, विजयवाड़ा - 520 013, आंध्र प्रदेश

Regional Office : D.No. 41-29-45A, RS No. : 373/2A, Kodandaramalayam, Chalasani Nagar,  
Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh

फोन / Tele : 0866 -2483910, ई-मेल / E-mail : rovijayawada@nhai.org, nhairovja@gmail.com  
वेब / Web : www.nhai.gov.in



Ref: NHAI/RO-VJA /PIU-KDP/NH-40/220KV/Crossing/3301

Dt: 21.11.2024

To

The Sr. Technical Director,  
NIC, Transport Bhawan,  
New Delhi- 110001.

**Sub: NHAI, RO - Vijayawada - Operation & Maintenance of 4 laning of Cuddapah-Kurnool section of NH-18 from the existing Km.167.750 to Km.356.502 in the State of A.P. under NHDP Phase-III on BOT Basis - Proposal for crossing of proposed 220 KV DC line AP Carbides to Settupalli at Km.354+285 between Km.354+200 to Km.354+400 of NH-18 (New NH-40) - Public comments - Reg.**

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Sir,

Please find enclosed herewith a proposal submitted by Executive Engineer, APTRANSCO, Kurnool for according the permission for 220 KV DC line AP Carbides to Settupalli at Km.354+285 between Km.354+200 to Km.354+400 of NH-18 (New NH-40).

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22<sup>nd</sup> November 2016, the application along with the recommendations of PD, PIU-Kadapa & notice inviting public comments are enclosed herewith with a request to host the same in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and in the general public interest), for taking further necessary action.

Yours faithfully,

Encl: As above

(R.K. Singh, IES)  
CGM (Tech.) & Regional Officer



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

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क्षेत्रीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलसानी नगर ,  
रानीगरीतोटा, कृष्णालंका, विजयवाड़ा - 520 013, आंध्र प्रदेश

Regional Office : D.No. 41-29-45A, RS No. : 373/2A, Kodandaramalayam, Chalasani Nagar,  
Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh

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वेब / Web : www.nhai.gov.in



Ref: NHAI/RO-VJA /PIU-KDP/NH-40/220KV/Crossing/3302

Dt: 21.11.2024

### INVITATION OF PUBLIC COMMENTS

**Sub: NHAI, RO - Vijayawada - Operation & Maintenance of 4 laning of Cuddapah-Kurnool section of NH-18 from the existing Km.167.750 to Km.356.502 in the State of A.P. under NHDP Phase-III on BOT Basis - Proposal for crossing of proposed 220 KV DC line AP Carbides to Settipalli at Km.354+285 between Km.354+200 to Km.354+400 of NH-18 (New NH-40) - Public comments - Reg.**

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Please find enclosed herewith a proposal submitted by Executive Engineer, APTRANSCO, Kurnool for according the permission for crossing of 220 KV DC line AP Carbides to Settipalli at Km.354+285 between Km.354+200 to Km.354+400 of NH-18 (New NH-40).

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22<sup>nd</sup> November 2016, the Highway Administration will put out the application in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and in the general public interest).

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

**Regional Officer - Vijayawada,  
National Highways Authority of India,  
Regional Office, Dr. No.41-29-45A, R. S. No.373/2A  
Near Kodandaramalayam, Chalasani Nagar,  
Ranigarithota, Krishnalanka, Vijayawada - 520 013.  
Email: rovijayawada@nhai.org**

(R.K. Singh, IES)  
CGM (Tech.) & Regional Officer



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

## National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

परियोजना कार्यान्वयन, इकाई, #1/441/16, लक्ष्मी टावर्स के पीछे,  
नए आर.टी.सी बस स्टैंड के पास, कड़पा - 516 001, वाई.एस.आर जिला, आंध्र प्रदेश

Project Implementation Unit, #1/441/16, Behind Lakshmi Towers, Maruthi Nagar,  
Near RTC Bus Stand, KADAPA - 516 001, YSR District, Andhra Pradesh.

ई-मेल/e-mail: piukadapa@nhai.org, kadapanhai@gmail.com; वेब/web: www.nhai.gov.in



NHAI/PIU-KDP/13006/1/2024/NH-40/Access Permission/16939

Date 13.11.2024

To

The Regional Officer,  
National Highways Authority of India,  
Door No.41-29-45A, R.S.No.373/2A,  
Near Kodandaramalayam, Chalasani Nagar,  
Ranigarithota, Krishnalanka,  
VIJAYAWADA - 520 013.

**Sub:** NHAI, PIU-Kadapa - Operation & Maintenance of 4 laning of Cuddapah-Kurnool section of NH-40 (Old NH-18) from the existing Km.167.750 to Km.356.502 in the State of Andhra Pradesh under NHDP Phase-III on BOT Basis - **Proposal for crossing of proposed 220KV DC line AP Carbides to Settipalli at Km.354+285 between Km.354+200 to Km.354+400 of NH-18 (New NH-40) - Request for approval - Reg.**

- Ref:**
- (i) Concessionaire Letter No. REPL/O&M/NHAI/2024/441 dated 05.11.2024
  - (ii) IE Letter No. LNM/IE/PCK-40/KK-07/2024/652 dated 01.11.2024
  - (iii) T/o. Letter No. NHAI/PIU-KDP/13006/1/2024/NH-40/Access Permission/16599 dated 08.10.2024
  - (iv) APTransco Letter No. EE/CONST/DIV/KNL/F.NH-40/D.No.1645/24 dated 30.09.2024 (received on 07.10.2024)
  - (v) T/o. Letter No. NHAI/PIU-KDP/13006/1/2024/NH-40/Access Permission/16386 dated 11.09.2024
  - (vi) Concessionaire Letter No. REPL/O&M/NHAI/2024/381 dated 09.09.2024
  - (vii) IE Letter No. LNM/IE/PCK-40/KK-07/2024/629 dated 06.09.2024
  - (viii) T/o. Letter No. NHAI/PIU-KDP/13006/1/2024/NH-40/Access Permission/16026 dated 24.07.2024
  - (ix) APTransco Letter No. EE/CONST/DIV/KNL/F.NHAI/D.No.1174/24 dated 18.07.2024
  - (x) MoRT&H guidelines OM No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016

Sir,

This has reference to the letter under reference (ix) cited above vide which the Executive Engineer, APTransco, Kurnool has submitted the proposal for crossing of proposed 220KV DC line AP Carbides to Settipalli at Km.354+285 between Km.354+200 to Km.354+400 of the subject project for approval.

2. The said proposal was referred to the Independent Engineer and the Concessionaire of the project vide letter under reference (viii) cited above for their recommendation.

3. The IE & Concessionaire vide letters under references (vi) & (vii) cited above has communicated certain observations which was forwarded to the applicant vide this office letter under reference (v) cited above for compliance.

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*(Signature)*

4. The Executive Engineer, APTransco, Kurnool has submitted compliance to the observations vide letter under reference (iv) cited above. The same has been reviewed by the IE & Concessionaire and the reports submitted by the IE & Concessionaire vide letters under reference (i) & (ii) cited above are enclosed herewith.

5. As per the recommendation of the Independent Engineer and the Concessionaire, the proposal has been verified in this office and the following are submitted -

5.1. The location of 220KV DC line crossing is at Km.354+285 between Km.354+200 to Km.354+400 of NH-18 (New NH-40) near Laxmipuram Village, Kallur Mandal, Kurnool District.

5.2. The available RoW is 30m from the center line for both sides. The Executive Engineer, APTransco has proposed laying the towers at 80m on LHS and 160m on RHS from the center line of the road.

5.3. As per Para 5.1 of IRC: 32-1969, "The towers should be at minimum distance of 5m from the nearest line of Avenue trees".

5.4. The proposed Transmission Lines should be laid as per the drawing/sketch enclosed and as per the MORT&H guidelines. Vertical clearance from the Road Top level to the bottom point of the lowest conductor should be 26.34m (in all seasons) as specified in the application.

5.5. EE, APTransco should take responsibility in case of any accidents or any incidents due to lack of safety measures on National Highway during the execution of the above-mentioned work.

5.6. In view of the above observations, the Horizontal & Vertical clearances are satisfying as per the IRC Guidelines and permission can be granted.

5.7. The applicant/executing agency has to provide all the necessary safety arrangements and traffic management as per IRC:SP:55-2014 during execution and prior intimation has to be given to NHAI, Concessionaire & IE towards the start of the proposed work.

5.8. The applicant has considered the crossing length as 60m whereas as per the Checklist recommended by IE & Concessionaire, Utility is crossing the Project Highway at an angle of 85° due to which the crossing length will be 60.24m.

5.9. The Executive Engineer, APTransco vide letter dated 18.07.2024 has informed that the proposed electrical line is for public purpose.

5.10. As per Cl.5.2 of MORT&H Guidelines dated 24.04.2023 stating that, "License fee for Public Utilities shall be equal to utilized NH land area X prevailing circle rate of land per unit area X 1.5% per annum, subject to minimum of Rs.10,000, with 6% annual increment. Utilized NH Land area shall include area of support system / tower but not include projection of utility on ground".

5.11. Accordingly, the IE has calculated the license fee of Rs.88,093/- as per MoRT&H guidelines dated 24.04.2023 and submitted along with his recommendation.

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5.12. As per CEA Guidelines-2023, minimum Vertical clearance required for 220KV DC line is 12.52m. The proposed 220 KV DC line is having Vertical clearance of 26.34m & Horizontal clearance of 80m on LHS & 160m on RHS from the center line of the road respectively.

6. The Executive Engineer, APTransco, Kurnool has submitted the following documents.

- (i) All the necessary undertakings.
- (ii) Methodology of carrying out the stringing.
- (iii) Plan showing the crossing of proposed 220KV DC line between Km.354+200 to Km.354+400 of NH-40 (Old NH-18) near Laxmipuram village of Kallur Mandal, Kurnool District, Andhra Pradesh.
- (iv) Draft Agreement for laying of utility services.

7. Checklist for getting approval for laying of utility services (duly signed by the APTransco Authorities, IE, Concessionaire and Project Director).

8. In view of the above, it is recommended that approval of the Competent Authority may please be accorded to APTransco for crossing of proposed 220KV DC line AP Carbides to Settipalli at Km.354+285 between Km.354+200 to Km.354+400 of NH-18 (New NH-40) near Laxmipuram village, Kallur Mandal, Kurnool District, Andhra Pradesh.

Encl: As above

Yours Sincerely,

  
13/11/24  
(B. Ashok Kumar)

DGM (Tech.) & Project Director