



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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

क्षेत्रीय कार्यालय - हैदराबाद

प्रथम तल, नया भवन, भारतीय प्रशासनिक स्टाफ कॉलेज, कॉलेज पार्क कैम्पस, रोड नंबर 3, बंजारा हिल्स, हैदराबाद - 500034, तेलंगाना

REGIONAL OFFICE - HYDERABAD

First Floor, New Building, Administrative Staff College of India (ASCI), College Park Campus, Road No. 3, Banjara Hills, Hyderabad - 500034, Telangana

टेली / Tele: 040-29562147 / 48 ई-मेल / Email: rohyderabad@nhai.org / nhairohyd@gmail.com



Notice Inviting Public Comments

NHAI/RO-HYD/25011/1/65/2024/Utility/ 2696

Dt. 15.03.2024

विषय: भा.रा.रा.प्रा- क्षेत्रीय कार्यालय, हैदराबाद - प.का.इ हैदराबाद - Proposal for crossing of 220KV line, between Km. 42+600 to Km. 42+800 near Mekuguda Village, Farooqnagar Mandal, Rangareddy District across Hyderabad to Bangalore section of NH-44 in the State of Telangana- Reg..

Ref: 1. PD, PIU Hyd Lr.no.NHAI/PIU-HYD/NH-44/AP-3/TSTRANSCO/2024/173, dt: 28.02.2024

The Project Director, NHAI vide letter cited above has recommended the proposal of Executive Engineer, TS TRANSCO, Metro-East, Hyderabad for crossing of 220KV line, between Km. 42+600 to Km. 42+800 near Mekuguda Village, Farooqnagar Mandal, Rangareddy District across Hyderabad to Bangalore section of NH-44 in the State of Telangana.

2. As per para 4 of the Ministry's guidelines no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, public comments is hereby invited on the above proposal seeking claims and objections (on grounds of public inconvenience, safety and general public interest) within 30 days on public portal i.e. website of Ministry of Road Transport and Highways (www.morth.nic.in) in Form-A (copy enclosed) for "Accommodation of Public and Industrial Utility Services along and across National Highways".

Comment Inviting Authority

The Regional Officer,
National Highways Authority of India,
Regional Office: Hyderabad,
First Floor, New Building,
Administrative Staff College of India(ASCI),
College Park Campus, Road No.3,
Banjara Hills, Hyderabad - 500 034,
Telangana State,
Phone: 040-29562147, 040-29562148,
Email: rohyderabad@nhai.org, nhairohyd@gmail.com

Encls: Above Proposal

अशोक
15/3/24

(बी अशोक कुमार)

उप महाप्रबंधक (तक.)

कृते क्षेत्रीय अधिकारी - एवं -
राजमार्ग प्रशासक, हैदराबाद

To:

1. Senior Technical Director, NIC, Transport Bhawan, New Delhi- 110001 for uploading on Ministry's website.
2. Shri S.Manivasagam, Dy. GM (IT), NHAI HQs, New Delhi for uploading on NHAI website.

Copy to:- The PD, PIU Hyderabad: for information

FORM-A

Form for seeking claims and objections (on grounds of public inconvenience, safety and general public interest) on the application for Accommodation of Public and Industrial Utility Services along and across National Highways

विषय: भा.रा.रा.प्रा- क्षेत्रीय कार्यालय, हैदराबाद – प.का.इ हैदराबाद - Proposal for crossing of 220KV line, between Km. 42+600 to Km. 42+800 near Mekuguda Village, Farooqnagar Mandal, Rangareddy District across Hyderabad to Bangalore section of NH-44 in the State of Telangana- Reg..

The claims and objections (on grounds of public inconvenience, safety and general public interest) by the general public needs to be given within 30 days of uploading the online application for comments

Sl. No	Item	Details
1	Name of the person who is desiring to give claims and objections (on grounds of public inconvenience, safety and general public interest)	
2	Address of the person	
3	Details of the application for Accommodation of Public and Industrial Utility Services along and across National Highways against which claims and objections are being given (name of applicant and other details like site address etc.)	
	a) Application No.	
	b) Name of applicant (who applied to Accommodation of Public and Industrial Utility Services along and across National Highways)	
	c) Details of Application	
4	The claims and objections (on grounds of public inconvenience, safety and general public interest)	



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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

परियोजना कार्यान्वयन इकाई - हैदराबाद

आवास सं : 25A & 28A, भारत का प्रसासनिक स्टाफ कॉलेज, कॉलेज पार्क कैम्पस, सड़क सं : 3, बंजारा हिल्स, हैदराबाद - 500 034, तेलंगाना

PROJECT IMPLEMENTATION UNIT - HYDERABAD

Qtr No.25A & 28A, Administrative Staff College of India (ASCI), College Park Campus, Road No. 3, Banjara Hills, Hyderabad - 500 034, Telangana.

Land Mark : Near Tv9 Bus Stop

टेली Tel : 040 - 29550558 ई-मेल Email : hyd@nhai.org , nhaihyd@gmail.com



NHAI/PIU-HYD/NH-44/AP-3/TSTRANSCO/2024/173

28.02.2024

To

The Regional Officer

National Highways Authority of India

Regional Office, First Floor, New Building,

Administrative Staff College of India (ASCI),

College Park Campus, Road No.3

Banjara Hills, Hyderabad-500034, Telangana.



DGM (T)-I	✓
DGM (T)-II	✓
DM (T)	JS

11/3/24

Sub: NHAI, PIU-HYD- 4 laning of Km. 34.1 (Farukhnagar) to Km. 80 (Jadcherla) and (II) Improvement, Operation and Maintenance of Km. 22.3 (Thondupalli) to Km. 34.1 (Farukhnagar) on NH-7 in the state of Andhra Pradesh under North-South Corridor (NHDP Phase-II) on Build, Operate and Transfer (BOT) basis-NS2/BOT/AP-3/- Extension of EHT supply at 220Kv level to M/s Microsoft Corporation (India) Pvt. Ltd. Approval for road crossing - approval requested - Reg.

- Ref:**
- MoRTH guideline No. RW/NH-33044/29/2015/S&R® dated: 22.11.2016
 - TSTRANSCO lr. no. EE/Const./Metro-East/Hyderabad1/F/D.No.1610/23 dated: 22.12.2023 (received on 09.01.2024)
 - PIU-Hyd lr. No. NHAI/PIU-HYD/NH-44/AP-3/TSTRANSCO/2024/039 dated: 11.01.2024
 - I.E lr. No. AA/TL/AP-03/NH-44/NHAI/2349/2023-24/2400 dated: 20.01.2024

Sir,

This has reference to the proposal received in this office from Executive Engineer TSTRANSCO for extension of EHT supply at 220Kv level to M/s Microsoft Corporation (India) Pvt. Ltd. by replacing the existing 132 kV towers near Mekuguda village, Farooqnagar Manadal Ranagreddy District on the subject stretch.

2. In this connection, site has been inspected by I.E along with TSTRANSCO, representatives and reviewed the drawings in line with MoRTH guideline No. RW/NH-33044/29/2015/S&R(R) dated: 22.11.2016. The checklist and drawings are found to be in order. However, I.E made following comments:

- The offsets of the towers on both sides from center line of the highway are mentioned as 83mts on LHS and 64 mts. on RHS respectively in the submitted drawing. But they were mentioned as 90 mts and 110mts in the checklist, which are corrected as per the drawings submitted.
- The location is mentioned as Km. 43+600 to Km. 43+800 instead of Km. 42+600 to Km. 42+800. It is corrected in checklist accordingly.
- The vertical clearance shown in the drawing comply the norms.

[Signature]

Page 1 of 2

::2::

- iv. The TS TRANSCO / Executing Agency shall provide schedule/work programme in advance to NHAI.
- v. The executing agency shall take complete responsibility of traffic control and safety during stringing with prior local / district administrative permissions.
- vi. The executing agency shall keep the incumbent Concessionaire of the project in loop during execution of work.

3. In view of the above, the proposal submitted by Executive Engineer, Construction / Metro-East, for Extension of EHT supply at 220Kv level to M/s Microsoft Corporation (India) Pvt. Ltd near Mekuguda village, Farooqnagar Mandal Rangareddy District on the subject stretch, is hereby recommended for the approval of Highway Administrator cum Regional Office, Hyderabad.

Encl: As above

Yours faithfully

(P. Nageswara Rao) 28/2/24
GM (T) & Project Director

IE Services during O&M of 4-Lane divided carriageway from Thondupalli to Kurnool of NH 44 (Old NH 7) in the state of Telangana & Andhra Pradesh on BOT (Toll/Annuity) basis (NHDP phase-III)
Letter No. AA/TL/AP-03/NH-44/NHA1/2349/2023-24/2400
Date: 20th January 2024

To
The Project Director,
Project Implementation Unit,
National Highways Authority of India
Hyderabad – Telangana

DGM (T)-U M
Manager (T)
F & A / LAC / SE



Sub: Design, Construction, Development, Finance, Operation and Maintenance of Km. 34.1 (Farukhnagar) to Km. 80 (Jadcherla) and (II) Improvement, Operation and Maintenance of Km. 22.3 (Thondupalli) to Km. 34.1 (Farukhnagar) on NH-7 in the state of Andhra Pradesh under North-South Corridor (NHDP Phase II) on Build, Operate and Transfer (BOT) basis - NS2/BOT/AP-3 **Reg: Extension of EHT supply at 220 Kv level to M/s. Microsoft Corporation (India) Pvt. Ltd. Approval for road Crossing – IE Comments.**

Ref: 1) Authority's Letter no. NHA1/PIU-HYD/NH-44 AP-03/TSTRANSCO/2024/039 dt. 11.01.2024

Dear Sir,

This has reference to the Authority's letter cited, wherein while forwarding the letter of Transmission Corporation of Telangana Limited, requesting NHA1's permission for replacement of existing 132 KV towers with 220 KV multi circuit towers and stringing as 220 Kv DC line on Top circuit and 132 KV DC line on bottom circuit, has requested to inspect the site and give remarks.

In this regard, the site was inspected and verified with the submitted drawings and our comments are as under:

1. The offsets of the towers on both sides from center line of the highway are mentioned as 83mts on LHS and 64 mts. on RHS respectively in the submitted drawing. But they were mentioned as 90 mts and 110mts in the checklist, which are corrected as per the drawings submitted.
2. The location is mentioned as Km. 43+600 to Km. 43+800 instead of Km. 42+600 to Km. 42+800. It is corrected in checklist accordingly.
3. The vertical clearance shown in the drawing comply the norms.
4. The TS TRANSCO / Executing Agency shall provide schedule/work programme in advance to NHA1.
5. The executing agency shall take complete responsibility of traffic control and safety during stringing with prior local / district administrative permissions.
6. The executing agency shall keep the incumbent Concessionaire of the project in loop during execution of work.

In view of the above, NHA1 may accord approval for stringing the conductors at the above said location.

With Regards

For Aarvee Associates Architects Engineers & Consultants Pvt. Ltd., in Association with Shree Bhawani Consultancy Services Pvt. Ltd.

M.G. Basha

Team Leader

Thondupalli – Kurnool Project

Copy to:

1. The Project Manager, M/s. JEPL, Raikal Toll Plaza, Farooqnagar.

2. The Authorized Signatory, Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.

Project Office : D. No. 23-99/3, Flat No. 401 & 402, Road No. 5, Madhura Nagar, Shamshabad - 501218, K V Rangareddy District, Telangana. Tel: 040-2955 3157; e-mail: OM2349shamshabad@aarvee.net

Head Office : Ravula Residency, Srinagar Colony Main Rd., Hyderabad - 500 082, India. CIN: U74200TG2005PTC045491
Tel: +91-40-48483436, 23737633; Fax: +91-40-23736277; e-mail: aarvee@aarvee.net; web: www.aarvee.com



TRANSMISSION CORPORATION OF TELANGANA LIMITED

Website: transco.telangana.gov.in

CIN No:U40102AP2014SGC094248

DGM (T) - S
Manager (T)
F & A / LAC / SE

From:
The Executive Engineer,
Construction/Metro-East,
TSTRANSCO,
220 KV GISS Chanchalguda, 3rd Floor,
Hyderabad-07.

To:
The Project Director,
NHAI, Road no 3,
Banjara hills, Hyderabad,
Telangana.



Lr. No.EE/Const./Metro-East/Hyderabad1/F.M/s. /D.No. 1610 /23, Dt. 22.12.2023.

Sir/Madam,

Sub: TSTRANSCO- Construction/Metro-East/Division – Extension of EHT supply at 220KV level to M/s Microsoft Corporation (India) Pvt Ltd., Mekaguda from 220/132KV SS Shadnagar–in Ranga Reddy District- Request for arranging approval for road crossings - Reg.

- Ref:** 1. Lr. No. CE(Const.)/SE(Const)/DE-2/ADE1/F.M/s. Microsoft, Mekaguda /D.No.141/23, Dt: 03.05.2023.
2. Memo. No. TST/CE(Const/SE(Const-1)/DE-2/ADE-1/F. M/s Microsoft Corp, Mekaguda/ D.No.240/23, Dt:23.05.2023
3. Lr. No. NSCPL/Microsoft/2023-24/AD-129, Dt:21.12.2023

Vide ref 1st cited, TSTRANSCO accorded approval for extending supply at 220KV level to M/s Microsoft Corporation (India) Pvt Ltd., Mekaguda from 220/132KV Shadnagar Substation by replacing the existing 132KV towers with 220KV Multi circuit towers and stringing as 220KV DC line on Top circuit and 132KV DC line on Bottom circuit on the towers for about 8.01KM and the work is being executed by M/s. Nitin Sai Constructions Pvt. Ltd, Hyd under the supervision of TSTRANSCO.

It is to inform that the existing 132KV Shadnagar- Kothur- Balanagar DC power line was commissioned in the year 2007 and the line is crossing the Old NH-44 near Nandigama and New NH-44 near Pedakuntatanda in between Kothur and Shadnagar. To extend the supply at 220KV level, TSTRANSCO has proposed to lay 220kv Multi circuit towers in the existing 132kv line corridor and also profile was approved for Loc.No.12 & 13(Near Old NH-44) and Loc. 20 & 21(New NH-44) of above said line (NH crossing) accordingly.

In this regard, the contractor has requested to arrange necessary permission/approvals from NHAI dept. towards the crossing of Old NH-44 and New NH-44 for proposed power line which is crossing Old NH-44 near Nandigama and New NH-44 near Pedakuntatanda in between Kothur and Shadnagar.

In view of above, it is requested to issue the necessary permission/approval for stringing of conductors for the above road crossings accordingly at an early date please.

Encl: As above

Yours faithfully,
V. Gadani
Executive Engineer,
Construction, Metro-East
Hyderabad

Copy Submitted to:

The Chief Engineer/Metro-Zone/Erragadda/Hyderabad.
The Chief Engineer/Construction/Vidyut Soudha/Hyderabad
The Superintending Engineer/Metro-East/Hyderabad.

Copy to:

The Assistant Executive Engineer/Construction/Metro-East/Hyderabad – for follow up action.

for favour of information.

DETAILS OF POWER LINE CROSSING ON NATIONAL HIGHWAY-44			
Sl.No	Description of Work	Information	Remarks
1	Name of Work	Dismantling & Stinging of Existing 132KV Panther conductor on Multi Circuit Towers in the existing line corridor	Existing line 132 Kv to be strung on 220KV MC tower and improve the ground clearance for safety factor.
2	Name and address of applicant	V. Yadagiri, Executive Engineer/ Construction/Metro-East /TS TRANSCO/ Hyderabad	
3	National Highway No and Section	NH-44 Hyderabad -Kurnool Section	
4	Chainage	43/6, 43/8 42/600 to 42/800	
5	Width of available RoW		
a)	Location of Lift Side tower from center line of NH While facing towards Hyderabad	90 mtrs 83 mtr	
b)	Location of right Side tower from center line of NH While facing towards Kurnool	110 mtrs 64 mtr	
c)	Span between towers	147 mtrs (83+64)	
6	Vertical clearance from lowest power line conductor to center of road level	12.68 mtrs ✓	
7	Electrical Clearance for 132 KV Over head line Crossing National Highway as per IS-5613 and IER-1956	11.6 mtrs ✓	
8	Height of Towers	53.5 mtrs ✓	

Resident Engineer
 Aarvee Associates Architects
 Engineers & Consultants Pvt. Ltd. Team Leader
 40 - 03 Package
 Thondupally to Kurnool
 V. Yadagiri
 Executive Engineer
 Construction, Metro-East
 TSTRANSCO, Hyderabad.

V. R. L.
 Asst. Executive Engineer
 Construction, Metro-East
 TSTRANSCO, Hyderabad.

Mr. K. G. G. G.

DETAILS OF POWER LINE CROSSING ON NATIONAL HIGHWAY-44

Sl.No	Description	Compliance Yes/No
1	a) Exact Chainage of the location of power line crossing NH-44 near Kothur shall be Furnished in the drawings	Chainage furnished in the drawings
	b) Drawing does contain the relevant details like grade of concrete /details of reinforcement dimensions for foundation and details of guard cradle etc	
2	The adequacy of design of all the components of various structures shall be ensured by TS Transco	Will be ensured
3	No Part of the foundation of electrical tower shall in ROW of NHAI	Will be ensured
4	Minimum vertical clearance of the overhead electrical line for crossing the national highway shall be in accordance with the guideline as mentioned in the central Electrical Authority Regulations /Statutory Provisions of Indian Electrical Rules	Yes
5	The Work Executing department i.e M/s Nilin Sai Constructions Pvt Ltd, Hyderabad shall be conveyed to the follow of IRC.32-1969, Central Electrical Authority Regulations /Statutory Provisions of India electrical Rules and other relevant guidelines issued on the above subject matter by NHAI, MORTH	Yes
6	A copy of the work program particularly for the work related to the crossing NH-44 near Kothur shall be provided NHAI well in advance the changes in the given work program shall be provided to the NHAI well in advance	Yes
7	List and contact number of responsible engineers of the above agency available at site shall also be provided to NHAI for coordination at site level	Yes
8	All the necessary safety arrangements shall be taken by the concerned department i.e TS TRANSCO for carry out the works referred under the subject matter.	Yes
9	In case if any lane closure is required for carrying such works necessary permission shall be obtained well in advance from NHAI authorities for smooth and uninterrupted flow of traffic along the National Highway	Yes
10	The arrangements proposed by the department for the safety protection structural stability and required under taking shall be submitted by the above department along with the application and the same shall be adhered to and implemented	Yes
11	As stated in the under taking submitted by TS Transco They Have to Commence the Work after obtaining approval from the NHAI	Yes

Team Leader
Aarvee Associates Architects
Engineers & Consultants Pvt. Ltd.
AP - 03 Package

Team Leader
Aarvee Associates Architects
Engineers & Consultants Pvt. Ltd.
Thonipally to Kurupoli Road

Executive Engineer
Construction, Metro-East
TSTRANSCO, Hyderabad.

Asst. Executive Engineer
Construction, Metro-East
TSTRANSCO, Hyderabad.

TOWER SCHEDULE

TRANSMISSION CORPORATION OF TELANGANA LIMITED

PROPOSED 220 KV DC LINE FROM EXISTING 220/132/33 KV SHADHNAGAR SS TO PROPOSED M/S.MICROSOFT INDIA PVT

132 KV EXISTING DC LINE TO BE STRUNG ON PROPOSED 220 KV MC TOWER BOTTOM CROSS-ARM

SL No	Angle Point Nos.	Loc. No.	Type of Tower	Angle of Deviation	Span in Mts.	Sum of Adj. Span	Hot Weight Spans			Wind Span			Co-ordinates		Remarks
							Left	Right	Total	Left	Right	Total	Easting	Northing	
1	AP 12	20	NMD+6	32°08'50" RT		299	0	133	100	233	0	73.5	206601.007	1892048.451	NH 44 , HYD - KNL Natinal highway Crossing Ci; 12.68M
2	AP-13	21	NMD+3	32°19'45" LT	147	0	147	47	141	188	73.5	0	206692.390	1891933.810	

ABSTRACT

S.No	Type of tower	Normal tower	+3 Extn.	+6 Extn.	Total
1	NMD	2	1	1	2
	Total	2	Total		2

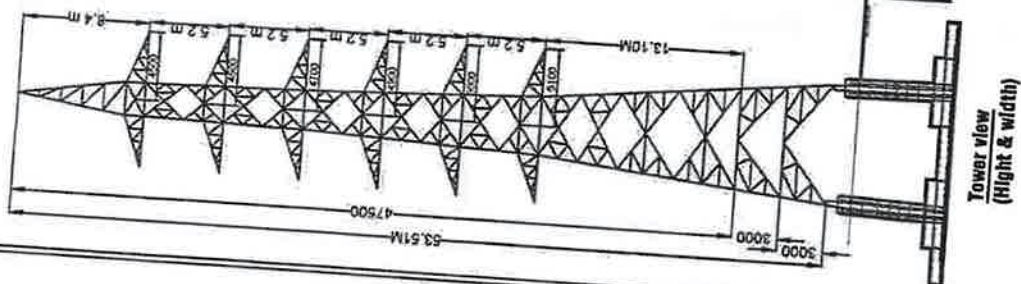


V. Reddy
Asst. Executive Engineer
Construction, Metro-East
TSTRANSCO, Hyderabad.

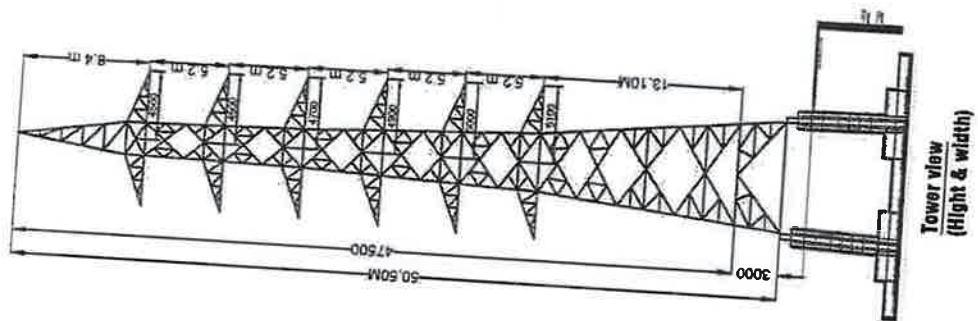
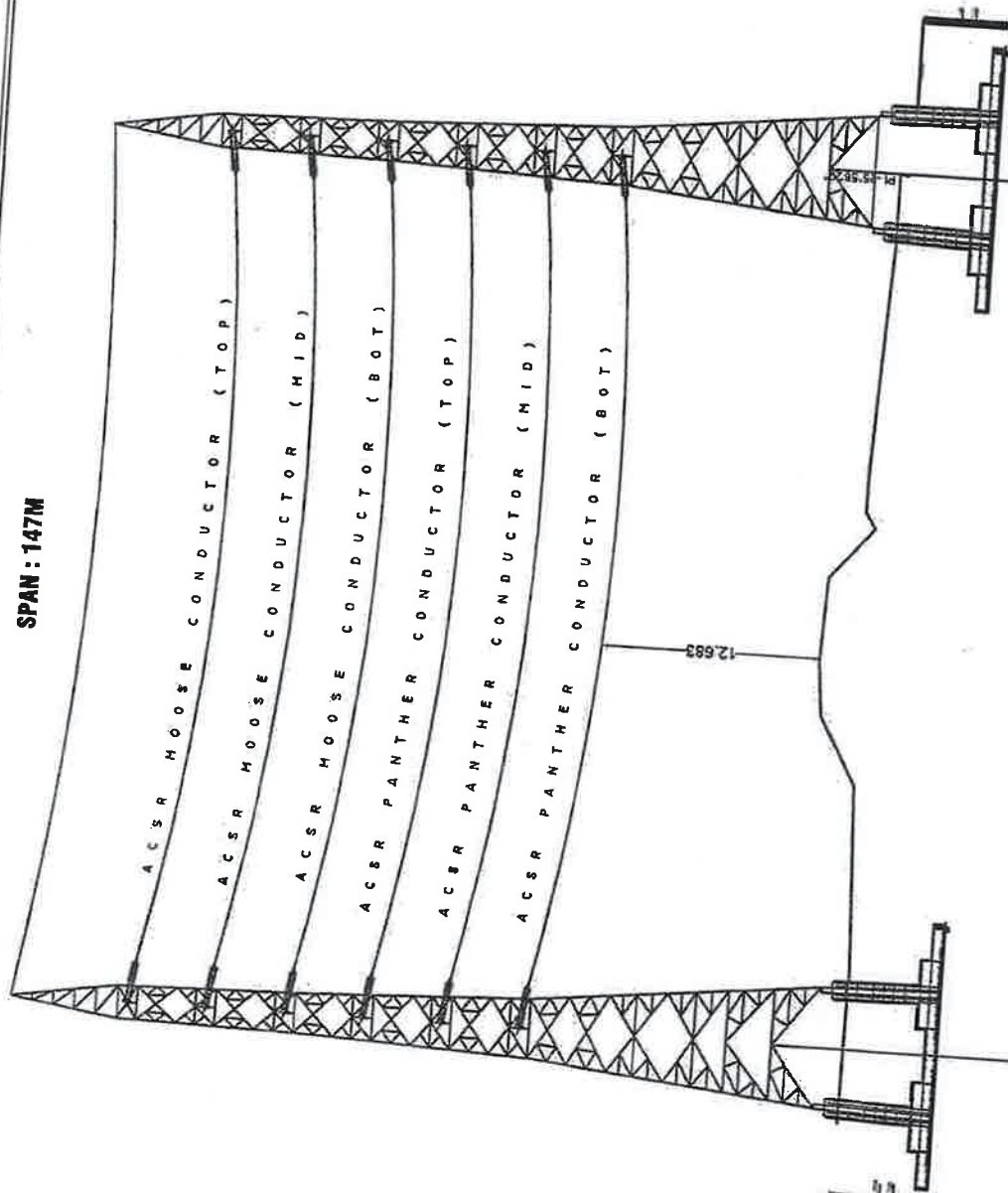
V. Reddy
Executive Engineer
Construction, Metro-East
TSTRANSCO, Hyderabad.

Resident Engineer
40-03 Package
Engineers & Consultants Pvt. Ltd.
Thirunipally to Turinoli
Engineers & Consultants Architects
Engineers & Consultants Architects
Engineers & Consultants Architects

SPAN : 147M



Tower view
(Height & width)



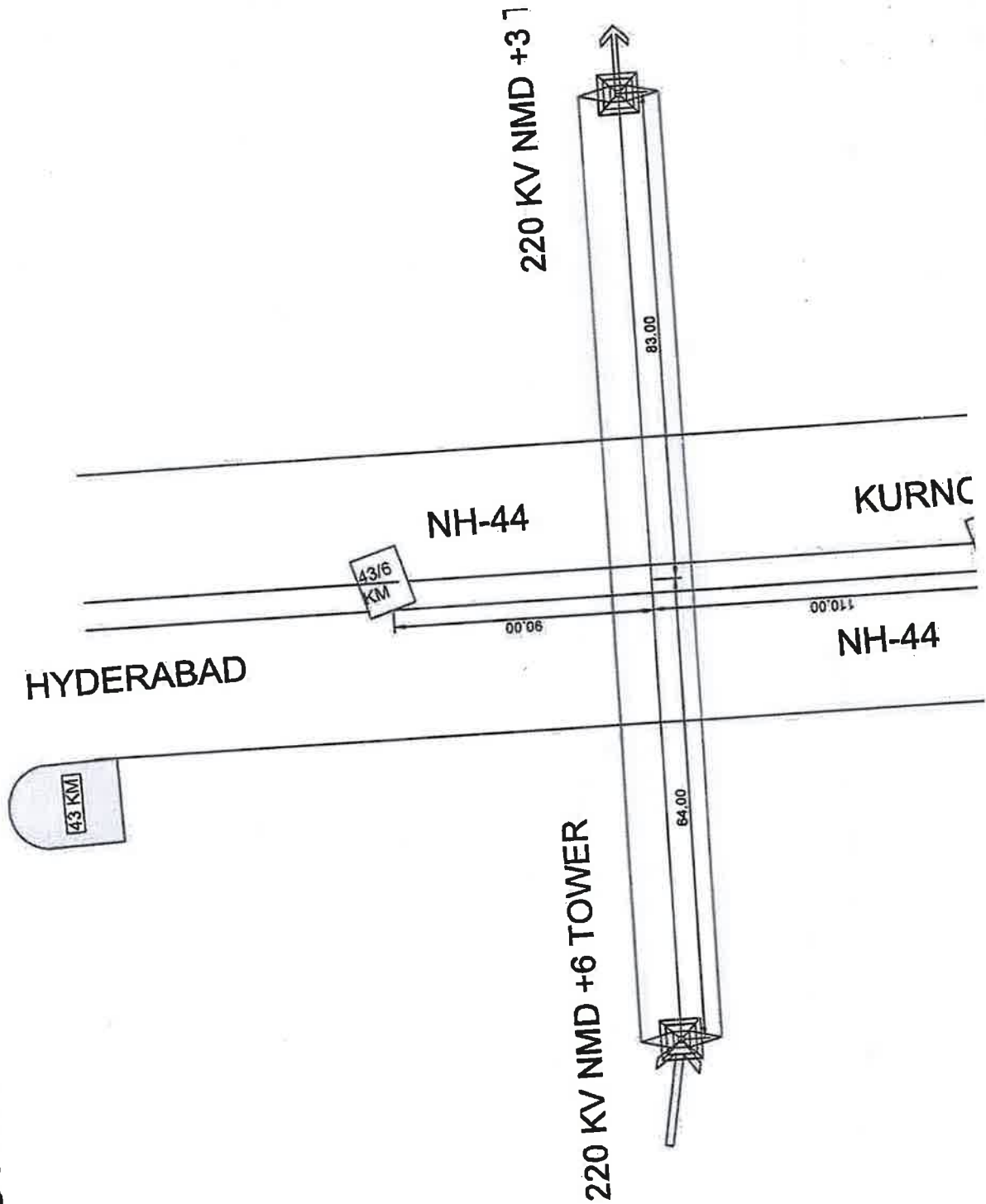
Tower view
(Height & width)

DATUM = +610.00m

LEVEL	DISTANCE IN METERS
0.00	0.00
10.00	10.00
20.00	20.00
30.00	30.00
40.00	40.00
50.00	50.00
60.00	60.00
70.00	70.00
80.00	80.00
90.00	90.00
100.00	100.00
110.00	110.00
120.00	120.00
130.00	130.00
140.00	140.00
150.00	150.00
160.00	160.00
170.00	170.00

Hydral

TO WARDS HYDERABAD NATIONAL HIGH WAY KM STONE - HYD - 43



AP: 12

32°08'50" RT

GPS Coordinates

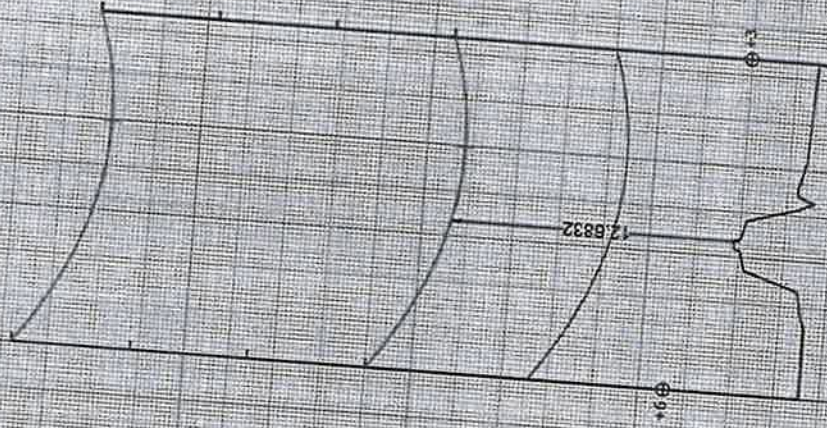
206601.0070

1892048.451

NMD-6
 LOC NO:20
 WT: 5133 + 100 = 233
 Wind span = 149.5

NMD-3
 LOC NO:21
 WT: 547 + 141 = 188
 Wind span = 191

147



Scale:-

Horizontal Scale:-

Vertical Scale:-

CLIENT:-

