



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, रोड नं-3, बंजारा हिल्स, हैदराबाद-500 034. तेलंगाना.

REGIONAL OFFICE - HYDERABAD

First Floor, New Building, Administrative Staff College of India (ASCI), Road No. 3, Banjara Hills, Hyderabad - 500 034, Telangana.

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



Notice Inviting Public Comments

NHA/RO-HYD/25011/3/31/2022/Utility/71

Dt.07.06.2022

Sub: NHA - RO Hyderabad - PIU Nirmal- Proposal for crossing of 220KV DC line from 400/220KV SS Dichpally to 220/11KV LIS SS at Yacharam Thanda - Crossing of 220KV DC line between km.353+400 to Km.353+600 near Chandrayanpally Village on Nagpur to Hyderabad section of NH-44 in the State of Telangana- Reg..

Ref: 1. PD, PIU Nirmal Lr.no. NHA/PIU-NRML/Elect-Utility/2022/577, dt:18.05.2022

The Project Director, PIU, NHA, Nirmal vide letter cited above has recommended the Proposal Executive Engineer, TSTRANSCO, Nizamabad regarding Crossing of 220KV DC line between km.353+400 to Km.353+600 near Chandrayanpally Village on Nagpur to Hyderabad 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

Yours faithfully,

(G.V. Bheemasena Reddy)
Dy General Manager (Tech)
For Regional Officer-cum-
Highway Administrator, Hyderabad

To:

1. Senior Technical Director, NIC, Transport Bhawan, New Delhi- 110001 for uploading on Ministry's website.
 2. Shri S.Manivasagam, Dy. GM (IT), NHA HQs, New Delhi for uploading on NHA website.
- Copy to:-** 1. The Project Director, NHA, PIU Nirmal: 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

Sub: NHAI - RO Hyderabad - PIU Nirmal- Proposal for crossing of 220KV DC line from 400/220KV SS Dichpally to 220/11KV LIS SS at Yacharam Thanda - Crossing of 220KV DC line between km.353+400 to Km.353+600 near Chandrayanpally Village on Nagpur to Hyderabad 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)	

DETAILS OF POWER LINE CROSSING OVER NH-44 AT CHANDRAYANPALLY VILLAGE

Sl No	Description of item	Information	Remarks
1	Name of the work	220 KV DC line from 400/220 k VSS Dichpally- to 220/11 KV LIS SS at Yacharam thanda over head line crossing over NH-44 between Location No.61&62 near Chandrayanpally village.	
2	Name and address of the applicant	Sri.Satya prakash singh, Executive Engineer, LIS,Division, Nizamabad	
3	Nation highway no. Station	NH-44 Nagpur-Hyderabad section near Chandrayanpally village, Nizamabad District.	
4	Crossing of Line between mile stone	353/4 Kms & 353/6 Kms.	
5	Width of available ROW		
a)	Location of left side tower from the centre of line of NH	127 Mtrs	TSP C+6 Tower
b)	Location of Right side tower from the centre of line of NH	98 Mtrs	TSP C+9 Tower
c)	Span between the towers	225 Mtrs	
d)	Centre line of the tower from the NH(left side)	127 Mtrs	
e)	Centre line of the tower from the NH(Right side)	98 Mtrs	
6	Vertical clearance of the Power line from the lowest conductor to the centre of Road level	18.91 Mtrs	
7	Minimum electrical Ground clearance for the 220 KV Power lines as per IS:5613 of 1976 and IE rules, 1956	12.5 Mtrs	
8	Height of the Towers	44.035 Mtrs & 47.035 Mtr	

556
Executive Engineer, LIS
TS Transco, Nizamabad.



PROJECT DIRECTOR
National Highways Authority of India
PHU, MINIMUM

220 KV DC Transmission Line-National High Way-44 Crossing Details.

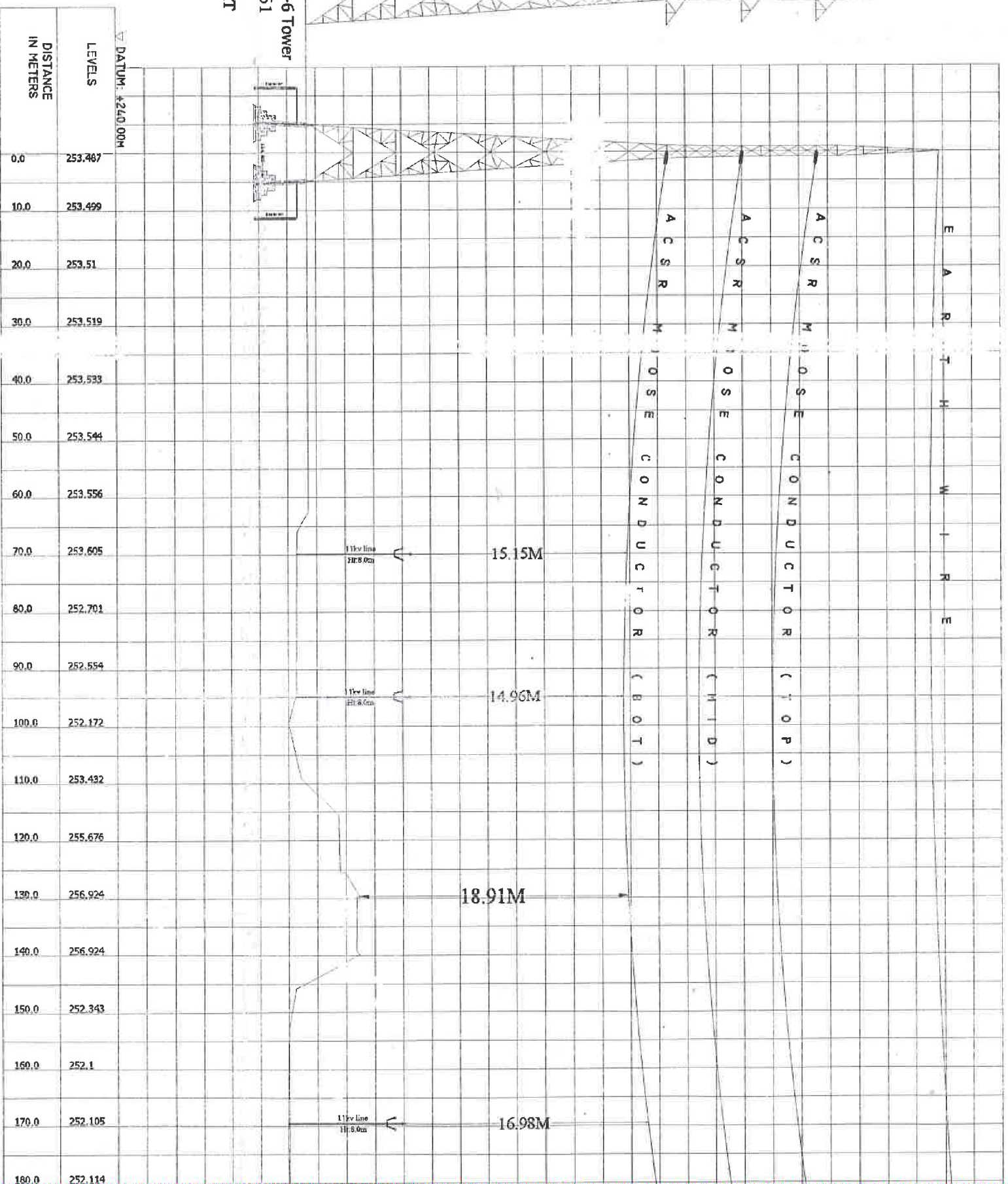
Sl No	Details	Remarks
1	Location No.& Type of Tower	Loc.No.61 & 62, TSP C+6 & TSP C+9 Tower
2	Left side Mile Stone	353/6
3	Right side Mile Stone	353/4
4	Left side station (to the line in forward Direction)	Hyderabad
5	Right side station (to the line in forward Direction)	Nagpur
6	Clearance of the Road Top to Bottom Conductor	18.91 Mtrs
7	National High way	NH-44 (Nagpur-Hyderabad)
8	Right side village Name	Ruplanayak thanda
9	Left side village Name	Chandrayampally

Executive Engineer,LIS
TS Transco, Nizamabad.



PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

SPAN : 225M



220KV (TSP) C+6 Tower
LOC NO.61
AP-19
23'43'25"RT

ALUMINIUM 54/3.53MM ACSR No. 1 CONDUCTOR

ALUMINIUM 54/3.53MM ACSR No. 1 CONDUCTOR

127.0M

11KV LINE

11KV LINE

TAR ROAD (NH-44)

TO HYDERABAD

A/C=90°

TAR ROAD (NH-44)

TO NAGPUR

353/4 Kms

353/4 Kms

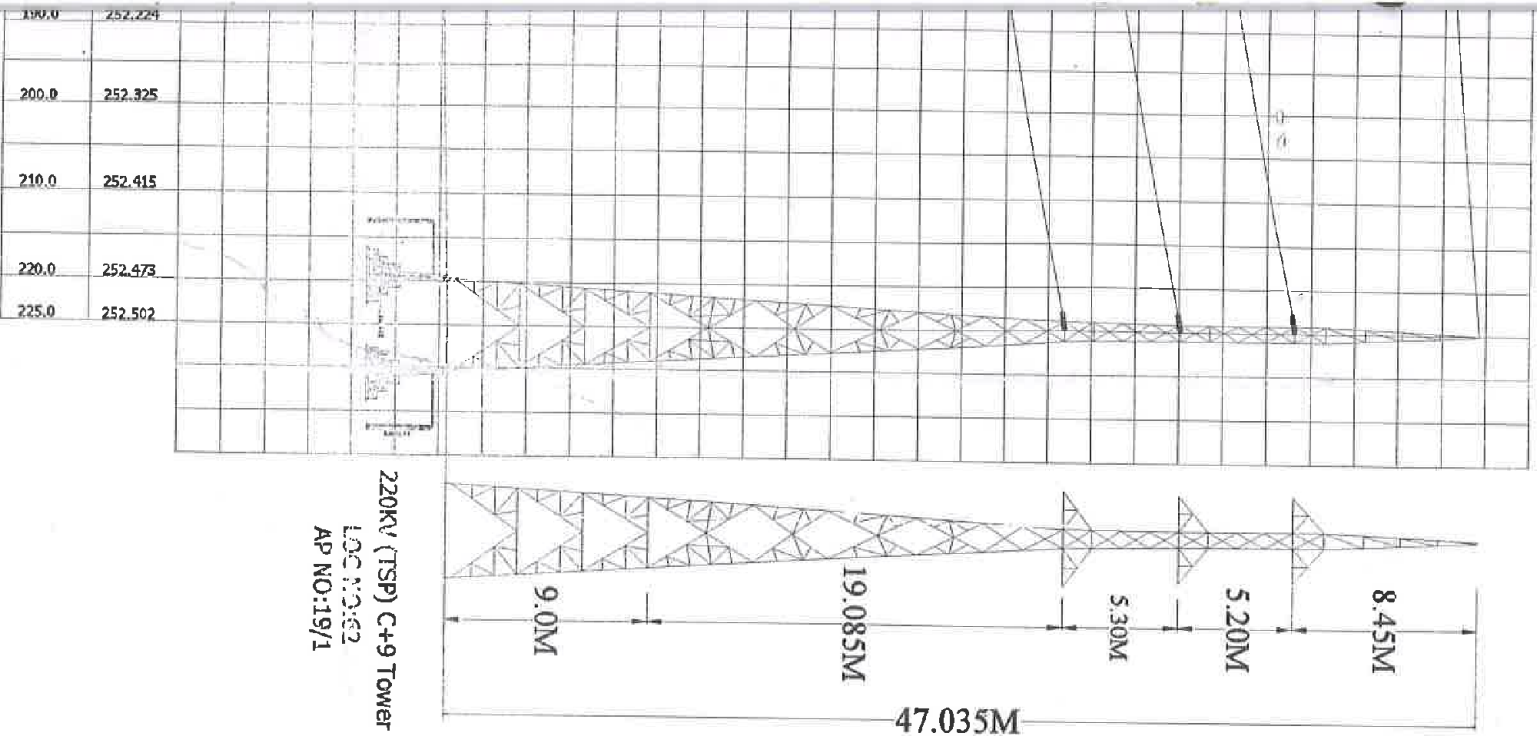
11KV LINE

98.0M

BETWEEN HYDERABAD & NAGPUR (NH-44) ROAD IN BE

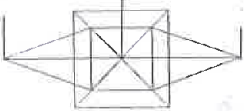


NEEN 353 8 353 4 6 KM STONES



220KV (TSP) C+9 Tower
LOC NO:62
AP NO:19/1

220KV (TSP) C+9 Tower
LOC NO:62
AP NO:19/1



Executive Engineer, LIS
TS Transco, Nizamabad.

NEEN 353 8 353 4 6 KM STONES

CONDUCTOR PROPERTIES	
MATERIAL	MOOSE ACSR CONDUCTOR
NOMINAL SIZE	597
STRANDINGS	54/3.53+7/3.53
DIAMETER	(mm) 31.77
AREA	(sq.mm) 597.0
WEIGHT	(kg/m) 2.004
UTS	(kg) 16438.0
ELASTICITY (kg/sq.mm)	7036.0
LI-EXPANSION	(/°C) 0.0000193

	TEMP.	TENSION
TENSION AT MIN. TEMP. NO WIND	0 °C	5018.0
TENSION AT MAX. TEMP. NO WIND	75.0 °C	3322.0
SAG ERROR	(mm) 150.0	
GROUND CLEARANCE (mm)	7000.0	
NORMAL SPAN (M)	350.0	=
MAX SAG (Normal Span) (mm)	9237.282	

NOTES :
1) ALL DIMENSIONS ARE IN MM

TRANSMISSION CORPORATION OF TELANGANA LIMITED
NATIONAL HIGHWAY (NH-44) CROSSING DETAILS

NATIONAL HIGHWAY (NH-44) CROSSING DETAILS FOR
PROPOSED 220KV DC/SC LINE FROM EXISTING
400/220KV S.S DICHPALLY TO PROPOSED 220/11KV
YACHARAM TANDA L.I.S.S IN NIZAMABAD DISTRICT.

SCALE : VER : (NOT TO SCALE)

DRAWING NO :

CHECKED BY	SUBMITTED BY	RECOMMENDED BY	APPROVED BY
SURVEYED & DRAWN BY N.V.V. PRASAD HYDERABAD.			