



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

NHAI/RO-HYD/25011/3/32/2022/Utility/717

Dt.07.06.2022

Sub: NHAI - RO Hyderabad - PIU Nirmal- Proposal for crossing of 132KV radial 2- Phase DC/SC line from existing 220/132 KV SS Kamareddy to proposed 132/25 KV Talamadla Railway Traction Substation (CMD of 10MVA) in Kamareddy District- Crossing of 132KV radial 2- Phase DC/SC line at km.391+400 near Jangampally Village on Nagpur to Hyderabad section of NH-44 in the State of Telangana- Reg..

Ref: 1. PD, PIU Nirmal Lr.no. NHAI/PIU-NRML/Elect-Utility/2022/579, dt:18.05.2022

The Project Director, PIU, NHAI, Nirmal vide letter cited above has recommended the Proposal Executive Engineer, TSTRANSCO, Nizamabad regarding Crossing of 132KV radial 2- Phase DC/SC line at km.391+400 near Jangampally 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), NHAI HQs, New Delhi for uploading on NHAI website.
- Copy to:-** 1. The Project Director, NHAI, 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 132KV radial 2- Phase DC/SC line from existing 220/132 KV SS Kamareddy to proposed 132/25 KV Talamadla Railway Traction Substation (CMD of 10MVA) in Kamareddy District- Crossing of 132KV radial 2- Phase DC/SC line at km.391+400 near Jangampally 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 ON NH - 44 Near JANGAMPALLY village

Sl. No	Description of Item	Information	Remarks
1.	Name of the work	Erection of 132kV radial 2-Phase DC/SC line from existing 220/132kVSS Kamareddy to proposed 132/25kV Talamadla Railway Traction Substation (CMD of 10MVA) in Kamareddy district, Electrical overhead line crossing NH-44 Near Jangampally.	
2.	Name and address of the applicant	Sri P.Arogyaraju, Executive Engineer, Construction Division, TSTRANSCO, Nizamabad.	
3.	Nation highway No and Section	NH-44 and Hyderabad – Nagpur section	
4.	Crossing of line between mile stone	Towards Hyderabad - 391/4km Towards Nagpur - 491/2km	
5.	Width of available ROW		
	a) Location of left side tower from the center line of the NH	164 Mtrs	
	b) Location of right side tower from the center line of NH	68 Mtrs	
	c) Span between the towers	232 Mtrs	
	d) Centre line of the tower from the NH(left side)	134 Mtrs	
	e) Centre line of the tower from the NH(right side)	38 Mtrs	
6.	Vertical clearance of the power line from the lowest conductor to centre of the road level.	16.1 Mtrs	
7.	Mininum electrical Ground cleareance for the 132KV power line as per IS:5613 of 1976 and IE rules,1956	6.1 Mtrs	
8.	Height of the Towers	33.09 & 33.09 Mtrs	


Executive Engineer
Construction Division,
T S. TRANSCO, NIZAMABAD



Asst. Executive Engineer
Construction Sub-Division
T S. TRANSCO, NIZAMABAD



ASSISTANT ENGINEER
CONSTRUCTION SUB- DIVISION,
T.S. TRANSCO, NIZAMABAD.

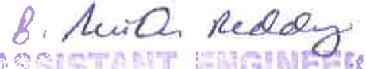

PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL

National Highway – 44 Crossing Details

SL. NO.	Details	
1.	Location No.& Type of Tower	Loc No-17 (132Kv NB60+6M, 3.74M), Loc No-18(132Kv NB60+6M, 3.74M)
2.	Left side mile stone	391/4km
3.	Right side Mile stone	491/2km
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 Road Top to Bottom Conductor	16.1 Mtrs
7.	National Highway	NH-44 (Nagpur-Hyderabad)
8.	Right side Village Name	Jangampally, Bhiknur
9.	Left side village Name	Laxminagar Thanda, Jangampally, Bhiknur

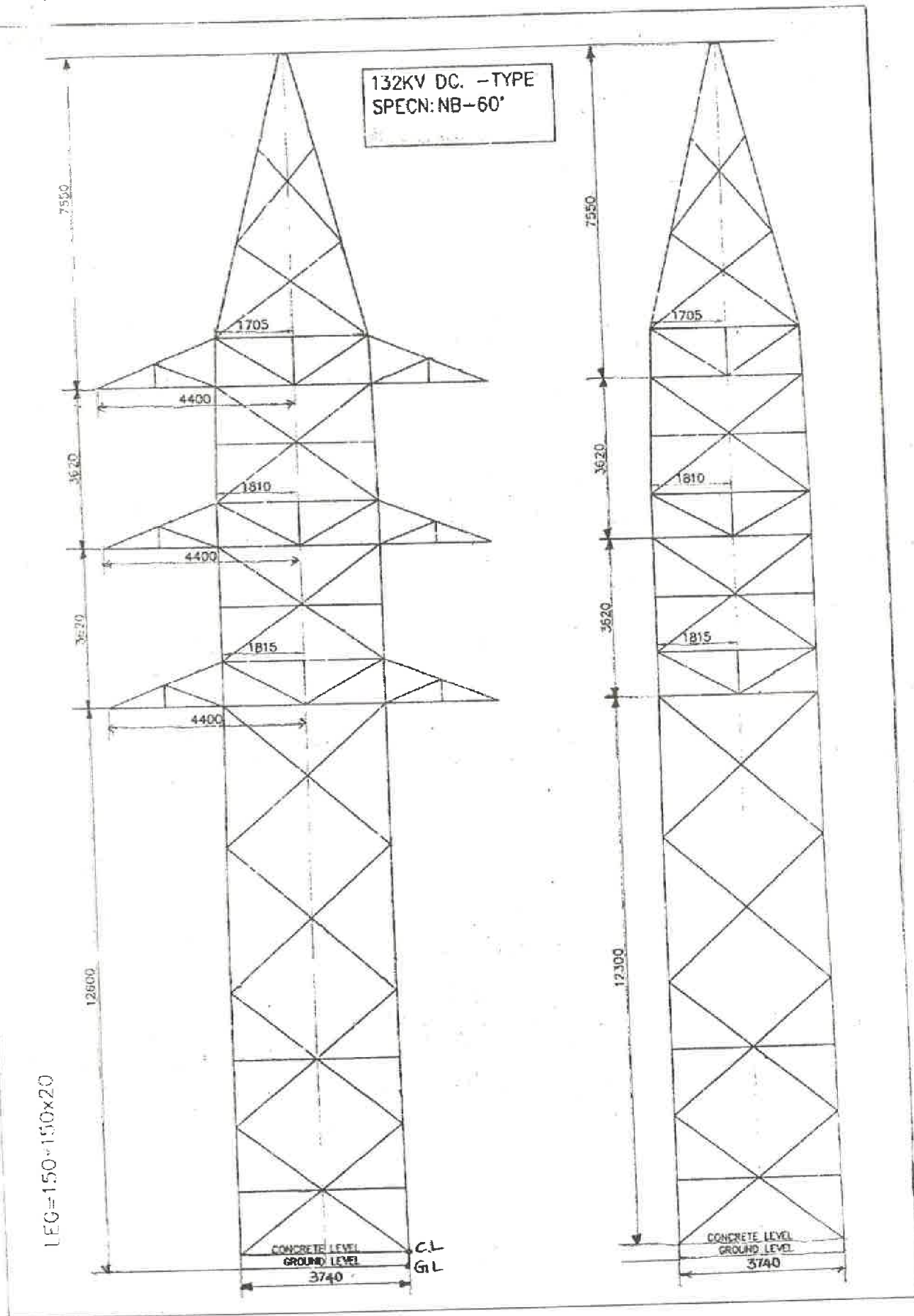

Executive Engineer,
Construction Division,
T.S. TRANSCO, NIZAMABAD


Asst. Executive Engineer
Construction Sub-Division
T.S. TRANSCO, NIZAMABAD


ASSISTANT ENGINEER
CONSTRUCTION SUB-DIVISION,
T.S. TRANSCO, NIZAMABAD


PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

VERTICAL CONFIGURATION OF 132KV (NB 60, 3.74m) TOWER

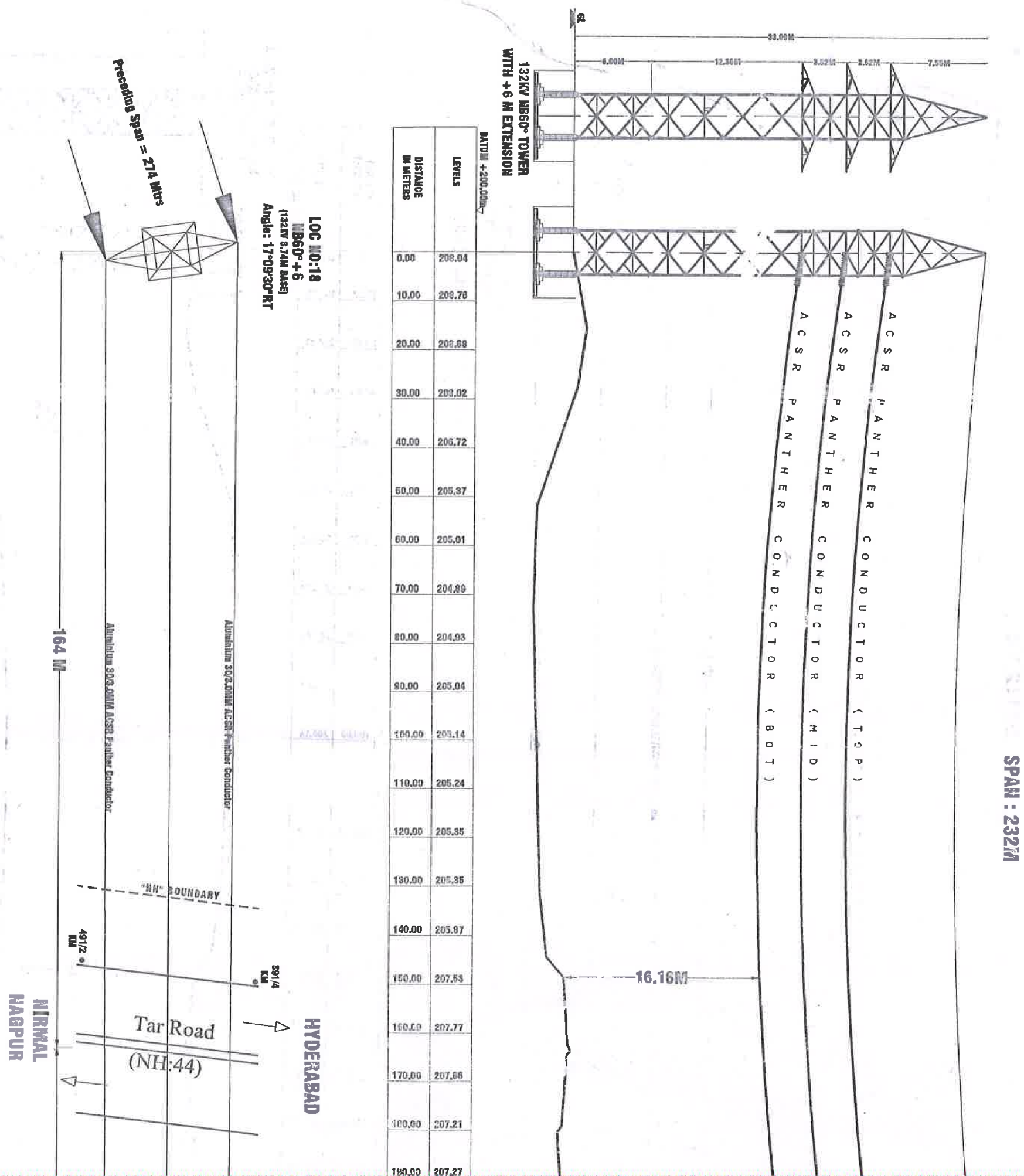


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Executive Engineer
Construction Division,
TS TRANSCO, NIZAMABAD

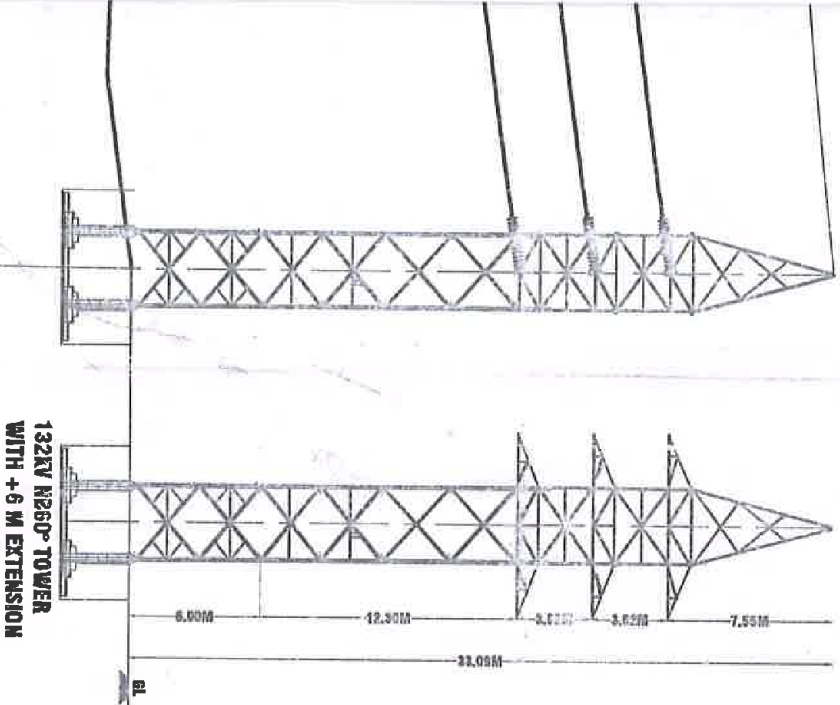
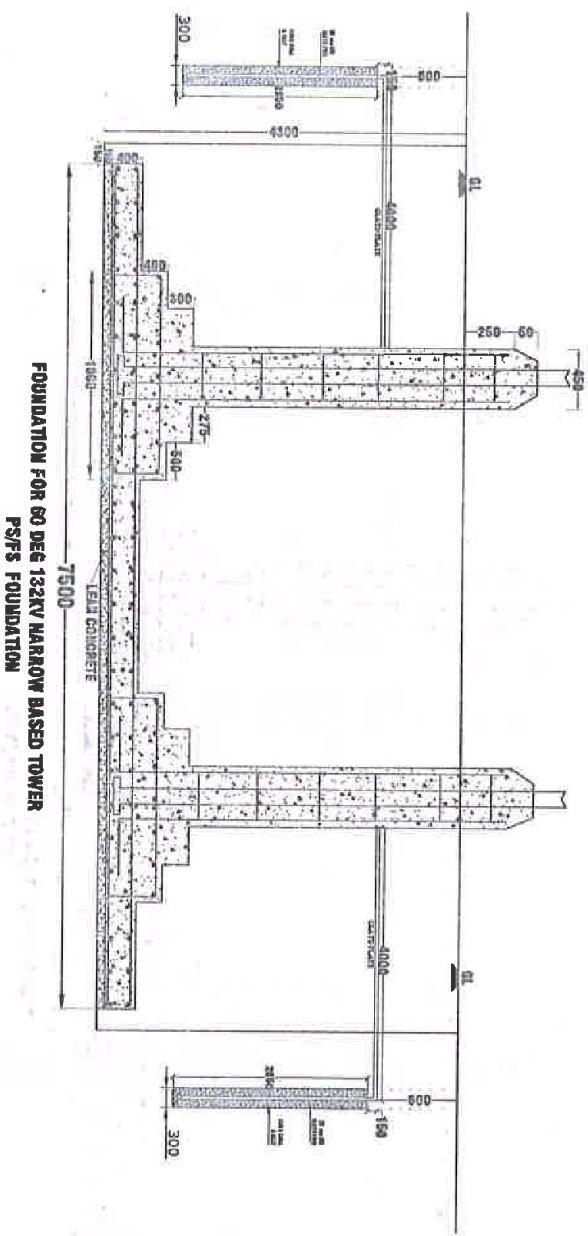
[Signature]
Asst. Executive Engineer
Construction Sub-Division
TS. TRANSCO, NIZAMABAD

[Signature]
ASSISTANT ENGINEER
CONSTRUCTION SUB-DIVISION,
T.S. TRANSCO, NIZAMABAD.

HYDERABAD - NAGPUR NH-44 ROAD CROSSING DETAILS FOR OF 132 KV 20 DC/SC LINE FROM END



220/132KV SS KAMAREDDY TO PROPOSED 132KV RTSS TALMADLA IN KAMAREDDY DISTRICT

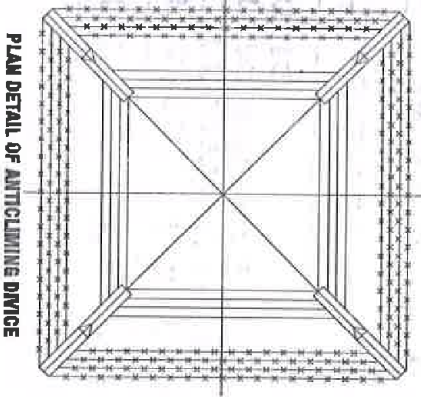


210.00	207.15
220.00	207.70
230.00	208.14
242.00	209.31



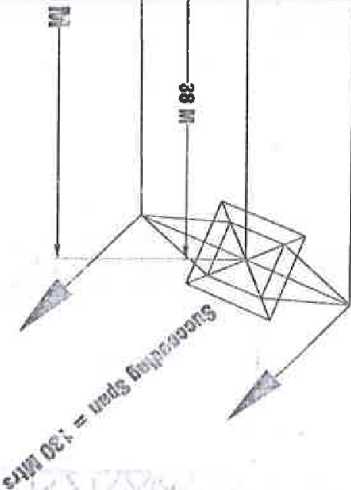
DANGER PLATE

TITLE DETAILS OF DANGER PLATE



PLAN DETAIL OF ANTICLIMBING DEVICE

LOC NO:19
NB60° + 6
(132KV 3.74M BASE)
Angle: 46°10'45" RT



TOWER SPOTTING DATA FOR ACSR PANTHER CONDUCTOR	
1) Conductor	ACSR PANTHER CONDUCTOR
2) Conductor Diameter	2.10cm.
3) Area	2.015 cm ²
4) Unit Weight	0.974 Kg/M
5) Sag Tension (Per Hot Curve)	19179 Kg.
6) Sag Tension (Per Cold Curve)	22860 Kg.
7) Maximal Span (Hanging Span)	320 Mtr.
8) Maximum Sag @ 75°C temperature Still Air)	6.501 Mtr.
9) Ground Clearance	6.1 Mtr + (including Sag E. x)
10) Height of Bottom Conductor	12.30 Mtr.

TRANSMISSION CORPORATION OF TELANGANA LIMITED
NH-44 ROAD CROSSING DETAILS FOR OF 132 KV 2Ø
DC/SC LINE FROM EXISTING 220/132KV SS
KAMAREDDY TO PROPOSED 132KV RTSS TALMADLA
IN KAMAREDDY DISTRICT

SCALE : VER : (NOT TO SCALE)

DRAWING NO :

CHECKED BY	SUBMITTED BY	RECOMMENDED BY	APPROVED BY

PROJECT DIRECTOR
National Highways Authority of India
PIU, NIRMAL.

Executive Engineer
Construction Division,
T.S. TRANSCO, NIZAMABAD

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