



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Govt. of India)

क्षेत्रीय कार्यालय : एफ-120, जनपथ, श्याम नगर, जयपुर-302019

Regional Office : F-120, Janpath, Shyam Nagar, Jaipur-302019

Tel. (O.)/ फोन : (ऑ.) 0141-2292056, 2292049

E-mail / ई-मेल : rojaipur@nhai.org Web. / वेब : www.nhai.gov.in

NHAI/18013/1/2024-ROJ/Overhead Crossing -RRVPNL/340/NH-48, Km. 116+100 to 116+200/2123

दि.: 17.12.2024



सार्वजनिक टिप्पणियों का आमंत्रण

विषय: राजस्थान राज्य में टोल प्लाजा के पास नीमराणा में किमी 116+100 से किमी 116+200 तक चेनेज के बीच एनएच-48 पर 400 केवी जीएसएस पीजीसीआईएल, नीमराणा पर 220 केवी एस/सी भिवाड़ी (पीजी)-नीमराणा (आरवीपीएन) लाइन के 220 केवी डी/सी एलआईएलओ के लिए ओवरहेड लाइन क्रॉसिंग की अनुमति [आवेदन आईडी 20230607/1/4/19525/2882] : **सैद्धांतिक स्वीकृति के संबंध में।**

- संदर्भ:**
1. Executive Engineer (T&C), RVPNL, Alwar letter No. RVPN/XEN/T&C/ALWAR/F. Tech./NHAI/2023-24/D. 101 dated 07.06.2023, D-220 dated 14.08.2023 & D-590 dated 22.02.2024
 2. FIU-Jaipur letter No. NHAI/JPR/NOC/JVNL/Km.116.300/2023/60 dated 05.04.2024.
 3. Regional Office-Jaipur letter no. NHAI/18013/1/2024-ROJ/Overhead Crossing -RRVPNL/340/NH-48, Km. 116+100 to 116+200/159 dated 24.04.2024.
 4. FIU-Jaipur letter No. NHAI/JPR/NOC/JVNL/Km.116.300/2024/1777 dated 20.09.2024.
 5. Regional Office-Jaipur letter no. NHAI/18013/1/2024-ROJ/Overhead Crossing -RRVPNL/340/NH-48, Km. 116+100 to 116+200/1505 dated 07.10.2024.
 6. FIU-Jaipur letter No. NHAI/JPR/NOC/JVNL/Km.116.300/2024/2763 dated 03.12.2024.

महोदय,

सर्वसंबंधितों को सूचित किया जाता है कि अधिशासी अभियंता (टी एंड सी), आरवीपीएनएल, अलवर ने पत्र दिनांक 22.02.2024 के माध्यम से विषयगत कार्य के लिए प्रस्ताव प्रस्तुत किया है तथा पीडी, एनएचएआई, पीआईयू, जयपुर ने पत्र दिनांक 17/20.08.2024 के माध्यम से सक्षम प्राधिकारी, राजमार्ग प्रशासन के अनुमोदन हेतु उपरोक्त प्रस्ताव प्रस्तुत किया है।

1. राजस्थान राज्य में टोल प्लाजा के पास नीमराणा में किमी 116+100 से किमी 116+200 तक चेनेज के बीच एनएच-48 पर 400 केवी जीएसएस पीजीसीआईएल, नीमराणा पर 220 केवी एस/सी भिवाड़ी (पीजी)-नीमराणा (आरवीपीएन) लाइन के 220 केवी डी/सी एलआईएलओ के लिए ओवरहेड लाइन क्रॉसिंग की अनुमति का प्रस्ताव है।

The proposal for Overhead Line Crossing for the 220 KV D/C LILO of 220 KV S/C Bhiwadi (PG)-Neemrana (RVPN) Line at 400 KV GSS PGCIL, Neemrana on NH-48 between chainage from Km. 116+100 to Km. 116+200 at Neemrana near Toll Plaza in the State of Rajasthan.

2. मंत्रालय के परिपत्र संख्या आरडब्ल्यू/एनएच-33044/29/2015एस&आर(आर) दिनांक 22.11.2016 के पैरा-4 के अनुसार, राजमार्ग प्रशासन द्वारा प्रस्ताव को दावे और आपत्तियाँ (सार्वजनिक असुविधा, सुरक्षा और सामान्य सार्वजनिक हित के आधार पर) मांगने के लिए 30 दिनों के लिए सार्वजनिक डोमेन में रखा जाएगा।

As per Para-4 of Ministry's Circular No. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administration shall put out the proposal in the Public Domain for 30 days for seeking claims and objections (on grounds of Public inconvenience, Safety and General Public Interest).

उपरोक्त के मद्देनजर, सक्षम प्राधिकारी के अनुमोदन से पहले, प्रभावित जनता की टिप्पणियाँ/आपत्तियाँ मंत्रालय के दिनांक 22.11.2016 के परिपत्र के संदर्भ में आमंत्रित की जाती हैं, जो कि 400 केवी जीएसएस पीजीसीआईएल, नीमराणा पर एनएच-48 पर 220 केवी एस/सी भिवाड़ी (पीजी)-नीमराणा (आरवीपीएन) लाइन के 220 केवी डी/सी एलआईएलओ के लिए ओवरहेड लाइन क्रॉसिंग के लिए प्रस्तावित है, जो कि राजस्थान राज्य में टोल प्लाजा के पास नीमराणा में किमी 116+100 से किमी 116+200 तक की चेनेज के बीच है। आपत्तियाँ/टिप्पणियाँ नीचे दिए गए पते पर 16.01.2025 तक भेजी जा सकती हैं, नियत तिथि के बाद कोई टिप्पणी/आपत्तियाँ स्वीकार नहीं की जाएंगी।

| | |
|--|--|
| क्षेत्रीय अधिकारी, क्षेत्रीय कार्यालय-जयपुर भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, एफ-120, जनपथ, श्याम नगर, जयपुर (राज.)-302019, टेलीफोन : 0141-2292049, 2292054 ईमेल : rojaipur@nhai.org | The Regional Officer, Regional Office-Jaipur National Highways Authority of India, F-120, Janpath, Shyam Nagar, Jaipur (Raj.)-302019, Tel : 0141-2292049, 2292054 Email : rojaipur@nhai.org |
|--|--|

In view of the above, before approval of the Competent Authority, the comments/objections of affected public is hereby invited with reference to the Ministry's Circular dated 22.11.2016 due to proposed for Overhead Line Crossing for the 220 KV D/C LILO of 220 KV S/C Bhiwadi (PG)-Neemrana (RVPN) Line at 400 KV GSS PGCIL, Neemrana on NH-48 between chainage from Km. 116+100 to Km. 116+200 at Neemrana near Toll Plaza in the State of Rajasthan to the subjected Project stretch. The objections/comments may be addressed to the mentioned address upto 16.01.2025, beyond due date, no comments/objections will be accepted.

यह पत्र राजमार्ग प्रशासक सह-क्षेत्रीय कार्यालय, भाराराप्रा, जयपुर के अनुमोदन से जारी किया जा रहा है।

भवदीय,

(कमल पारीक)
प्रबंधक (तक.)

- Copy to:(i) वेब प्रशासन, एनएचएआई, मुख्यालय, नई दिल्ली - एनएचएआई की वेबसाइट पर अपलोड करने हेतु [web-dmin@nhai.org]
(ii) निदेशक, एनआईसी, नई दिल्ली - मंत्रालय की वेबसाइट पर अपलोड करने हेतु [rahul.sh@nic.in]
(iii) परियोजना निदेशक, पीआईयू-जयपुर को सूचनार्थ इस अनुरोध के साथ कि सड़क परिवहन एवं राजमार्ग मंत्रालय के लागू दिशा-निर्देशों के अनुसार अपेक्षित लाइसेंस शुल्क और बीजी राशि का जमा सुनिश्चित किया जाए।
(iv) अधिशासी अभियंता (टी एंड सी), आरवीपीएनएल, अलवर सूचनार्थ।



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, जयपुर/ Project Implementation Unit, Jaipur

डी-148, आर. एस.ई.बी. सब-स्टेशन के पीछे, वैशाली नगर, जयपुर-302021

D-148, Behind RSEB Sub-Satation, Vaishali Nagar, Jaipur-302021

दूरभाष / Phone : 91-141 - 4026465, ई-मेल /E-mail : jai@nhai.org



No. NHAI/JPR/NOC / 2024/ 2763

Regional Officer

National Highways Authority of India

Regional Office, F-120, Janpath,

Shyam Nagar, Jaipur-302019



Date: 03.12.2024

Dumra / Dy Manager (M)
A 3112

Sub: Permission for overhead line crossing for the 220 KV D/C LILO of 220 KV S/C Bhiwadi (PG)-Neemrana (RVPN) line at 400 KV GSS PGCIL, Neemrana on NH-48 between chainage from km. 116+100 to km. 116+200 at Neemrana near toll plaza in the state of Rajasthan -reg

Ref: 1.

2. Executive Engineer, M/s RRVPNL letter no. D-101 dated 07.06.2023
3. This office letter no. 792 dated 05.07.2023
4. Executive Engineer, M/s RRVPNL letter no. D-220 dated 14.08.2023
5. This office letter no. 1319 dated 29.08.2023
6. Executive Engineer, M/s RRVPNL letter no. D-590 dated 22.02.2024
7. This office letter no. 60 dated 05.04.2024
8. Regional Office, NHAI Jaipur letter no. 159 dated 24.04.2024
9. This office email dated 27.08.2024
10. RRVPNL letter no. 205 dated 30.08.2024
11. Your letter no. 1777 dated 20.09.2024
12. Regional Office NHAI Jaipur letter no. 1505 dated 07.10.2024
13. This office letter no.2211 dated 18.10.2024
14. RRVPNL letter no. 517 dated 28.10.2024 received in this office on dated 26.11.2024

Sir,

Please refer RRVPNL above cited letters under reference vide which the proposal was submitted to this office for overhead line crossing for the 220 KV D/C LILO of 220 KV S/C Bhiwadi (PG)-Neemrana (RVPN) line at 400 KV GSS PGCIL, Neemrana on NH-48 between chainage from km. 116+100 to km. 116+200 at Neemrana near toll plaza in the state of Rajasthan.

2. The proposal has been forwarded to Regional office, NHAI, Jaipur for approval of Competent Authority. Regional Office, NHAI Jaipur vide letter dated 07.10.2024 submitted that " the proposal has been seen in this office and observed that the crossing angle should be 90° as per norms" The same has been conveyed to the RRVPNL vide this office letter dated 28.10.2024.

3. Now, RRVPNL vide letter under ref-13 submitted that "best possible efforts were made to cross the subject NH crossing at 90 degree but we could achieve only 83 degree i.e near to the 90 degree which may be considered as a good crossing angle."

4. In view of the above, it is hereby recommended to grant Permission for overhead line crossing for the 220 KV D/C LILO of 220 KV S/C Bhiwadi (PG)-Neemrana (RVPN) line at 400 KV GSS PGCIL, Neemrana on NH-48 between chainage from km. 116+100 to km. 116+200 at Neemrana near toll plaza in the state of Rajasthan

Encl. As above.

Ajay Kumar Arya
Project Director



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, जयपुर/ Project Implementation Unit, Jaipur

डी-148, आर. एस.ई.बी. सब-स्टेशन के पीछे, वैशाली नगर, जयपुर-302021

D-148, Behind RSEB Sub-Station, Vaishali Nagar, Jaipur-302021

दूरभाष / Phone : 91-141 - 4026465, ई-मेल / E-mail : jai@nhai.org



①

No. NHAI/JPR/NOC/JVVNL/Km.116.300/2024/ 1777

Date 20.09.2024

Regional Officer

National Highways Authority of India

Regional Office, F-120, Janpath

Shyam Nagar, Jaipur-302019



Mys (T) - mk

20/9

Sub: Permission for overhead line crossing for the 220 KV D/C LILO of 220 KV S/C Bhiwadi (PG)-Neemrana (RVPN) line at 400 KV GSS PGCIL, Neemrana on NH-48 between chainage from km. 116+100 to km. 116+200 at Neemrana near toll plaza in the state of Rajasthan -reg

- Ref:
1. Executive Engineer, M/s RRVNL letter no. D-101 dated 07.06.2023
 2. This office letter no. 792 dated 05.07.2023
 3. Executive Engineer, M/s RRVNL letter no. D-220 dated 14.08.2023
 4. This office letter no. 1319 dated 29.08.2023
 5. Executive Engineer, M/s RRVNL letter no. D-590 dated 22.02.2024
 6. This office letter no. 60 dated 05.04.2024
 7. Regional Office, NHAI Jaipur letter no. 159 dated 24.04.2024
 8. This office email dated 27.08.2024
 9. RVPN letter no. 205 dated 30.08.2024

Sir,

Please refer this office above referred letter dated 05.04.2024, vide which the proposal was recommended to Competent Authority, NHAI RO Jaipur for overhead line crossing for the 220 KV D/C LILO of 220 KV S/C Bhiwadi (PG)-Neemrana (RVPN) line at 400 KV GSS PGCIL, Neemrana on NH-48 between chainage from km. 116+100 to km. 116+200 at Neemrana near toll plaza in the state of Rajasthan.

2. Regional Office, NHAI, Jaipur vide letter dated 24.04.2024 has raised observations on the said proposal. In reference to above, M/s RVPN vide letter dated 30.08.2024 has submitted the compliance which are as under:-

| S.No. | Observations from RO-Jaipur | Reply of RRVNL |
|-------|--|---|
| 1. | The lines belongs to PGCIL was such the proof of deposition of required charges not found enclosed with the proposal. | The 220 KV lines belongs to RVPN, which is terminating at 400 kV GSS PGCIL Neemrana, the applicable band guarantee has been submitted by RRVNL. |
| 2. | PD may confirm whether sufficient vertical clearance has been ensured as per new guidelines looking for future development/upgradation of the highway. | The sufficient vertical clearance of 15 meter from the highway has been maintained, which is as per guidelines looking of the highway. |
| 3. | Colored Drawing showing all details duly signed by all concerned are required. | Coloured drawing showing all details duly signed by all the concerned has been enclosed. |

3

In view of above, the proposal is hereby recommended for overhead line crossing for the 220 KV D/C LILO of 220 KV S/C Bhiwadi (PG)-Neemrana (RVPN) line at 400 KV GSS PGCIL, Neemrana on NH-48 between chainage from km. 116+100 to km. 116+200 at Neemrana near toll plaza in the state of Rajasthan for approval of Competent Authority.

The proposal is forwarded for approval please.

Encl.: As above

Yours faithfully,



Project Director
NHAI PIU Jaipur

| CHECK LIST | | | | |
|------------|---|--|---|------------------------------------|
| S.No. | Item | Measurement Observation as per site conditions | MORTH Norms | Whether Complying with MORTH Norms |
| 1 | Details of already laid utility service, if any | NIL | Enclosed | Yes |
| 2 | Whether up gradation of the stretch in near future is proposed or not | | | |
| | (a) if yes, provision of utility adversely affect the plan of up gradation | No | Not affect plan of up gradation | yes |
| 3 | Laying of the utility service along the National Highways | | | |
| 3.1 | Location of proposed utility service along the stretch | CH - 116+100 to CH - 116+200 Crossing overhead with towers beyond NH ROW | Utility Duct/beyond the toe line of the embankment and drains, and close to the extreme edge of the Row | Yes |
| 3.2 | Depth of top of utility service from ground level | NA, Overhead crossing | As per MORTH | Yes |
| 3.3 | Mechanism for crossing water channel | NA | Through utility duct (if provision exists) or beneath the bed of water channel | Yes |
| 3.4 | Whether ROW is restricted in this stretch | NO | | |
| 3.4.1 | if yes, whether provision of land acquisition is required to lay utility | | | |
| | (a) if yes, whether undertaking for land acquisition along with relevant LA details No has been furnished | NA | | |
| 3.4.2 | Width of concrete duct, if utility services are proposed to be laid in concrete ducts | NA | No | |
| 4 | Laying of utility services across the NH | | | |
| 4.1 | Whether Existing drainage structures is allowed to carry the utility lines | NA | Not to be allowed | |

Dr. Anil Kumar
 Engineer (Tech.)
 PIU Jaipur

Arjun Meena
 JEN

Arjun Meena
 AEN (T&C) BHIVADI

Yashwanth
 JEN

Project Director
 NHAI, PIU Jaipur

| | | | | |
|-----|--|---|--------------------------|-----|
| 4.2 | Proposed crossing of utility service | Over head crossing to NH | Over head crossing to NH | Yes |
| 4.3 | Type of casing ACSR Panther/Zebra Conductor carrying the utility line. | Over head crossing by ACSR Zebraconductor | Over head crossing | Yes |
| 4.4 | Whether ends of the casing/conduit pipe are sealed from the outside | NA | NO | NO |
| 4.5 | Length of ACSR Panther conductor Span crossing NH | 0.198KM | 0.250 KM | Yes |
| 4.6 | Depth of top of the casing/conduit pipe | NA | No | NO |
| 4.7 | Crossing method in case of CC Pavement | NA | No | NO |
| 4.8 | Horizontal and vertical clearances in case utilities are allowed overhead | 15 Meter | 11.60 Meter | Yes |
| 5 | Document/Drawings enclosed with the proposal | Enclosed | Enclosed | Yes |
| 5.1 | Cross Section showing the size of trench for open trenching method | NA, As overhead crossing Proposed | No | NO |
| | Trench width | NA | No | NO |
| | Filling of trench | NA | No | NO |
| | Location of trench | NA | No | NO |
| 5.2 | Cross section showing the size of pit and location of conduit for HDD method | NA | No | NO |
| 5.3 | Strip plan/Route plan showing utility line, chainage, width of ROW, distance of proposed utility from the edge of ROW, Enclosed important mile stone, intersections, cross drainage works etc. | Enclosed | Enclosed | Yes |
| 5.4 | Plan and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility | Enclosed | Enclosed | Yes |
| 6 | Methodology for laying of utility line | The overhead crossing with towers | Enclosed | Yes |
| 7 | Draft License Agreement is as per Ministry guidelines | Yes | Enclosed | Yes |

Anur Kumari
Dy. Manager (Tech.)
NHAI, PIU Jaipur

ARJUN MEENA
AEN (T&C) BHIWADI

MMAEMA
AEN

32
Project Director
NHAI, PIU Jaipur

| | | | | |
|------|--|-----|----------|-----|
| 10.8 | Undertaking that the applicant has obtained Various safety clearances from the representative authorities such as directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety Organization, Oil industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration | Yes | Enclosed | Yes |
|------|--|-----|----------|-----|

The Right of the Way (ROW) of the National Highway available at the proposed location from the Center line of divided carriageway is (31.05) m (from center of ROW to edge of ROW towards proposed utility)

The above particulars along with the drawings and documents have been verified and certified as correct as per prevailing site conditions.

(Name and signature of the authorized representative of applicant NHA)

(Name, Designation and concerned field authority of

Amit Kumar
Dy. Manager (Tech.)
NHA, PIU Jaipur

[Signature]
Executive Engineer (T&C)
R.R.V.P.N.L., ALWAR

[Signature]
ARJUN MEENA
AEN (T&C) BHILWAD

[Signature]
Project Director
NHA, PIU Jaipur

Annexure-III

[Enclosure to Ministry of Road Transport & Highways letter No. RW/NH-33044/29/2015/S & R. Dr. 22/11/2016]

(Enclosure to MOST (Dept. of MoRT&H) Letter No.....)

Format for Maintaining Records of Right of Way permission granted for laying OFC

(To be maintained separately for every NH and State, every PWD Division or equivalent)

1. Name of State : Rajasthan
2. Name of Agency(PWD/BRO/NHAI) : NHAI
3. Name of PWD Division or Equivalent : PIU, Jaipur
4. NH Number : NH – 48

| S. No | Location (Change in KM) | Left or right side of NH (towards increasing chainage/Km direction) | Section and reach | Kind of service | Name of license and contract address | Date of signing of agreement | Date of validity of agreement | Date of last inspection of site | Any deviation from MOST standard norms | Remarks |
|-------|------------------------------------|---|--------------------------------|---------------------|---------------------------------------|------------------------------|-------------------------------|---------------------------------|--|---------|
| 1. | NH - 48 CH - 116 to CH - 117 | LHS & RHS (Crossing) | NH - 48 (Dehli-jaipur highway) | 220 KV D/C EHV Line | EXECUTIVE ENGINEER (T&C) RVPNL, Alwar | | | | | |

42
ARJUN MEENA
IEN (T&C) BHIWADI

Dmeena
PLW

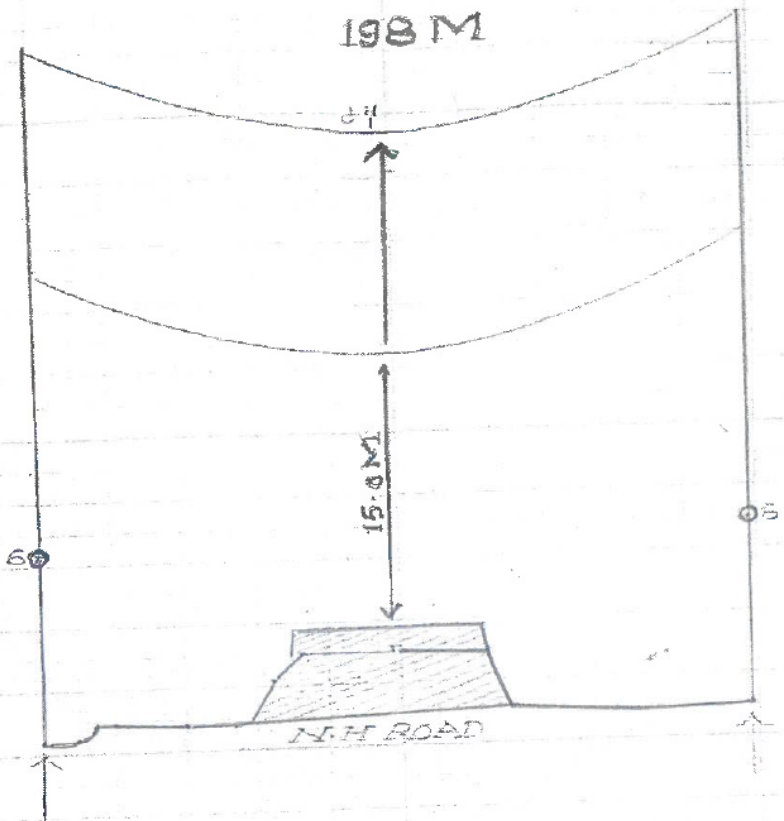
CROSSING PROPOSAL

(SS PGCIL NEEMRANA TO 220 KV GSS RVPN KHUSHKHERA)
 NH Crossing of 220 KV LIL of existing NMR-BWD (PG) Line at 400 KV

H
 $\frac{160}{86} = 256$
 $\frac{184}{90} = 274$

GSS Neemrana

102 | 136 = 238
 108 | 174 = 282

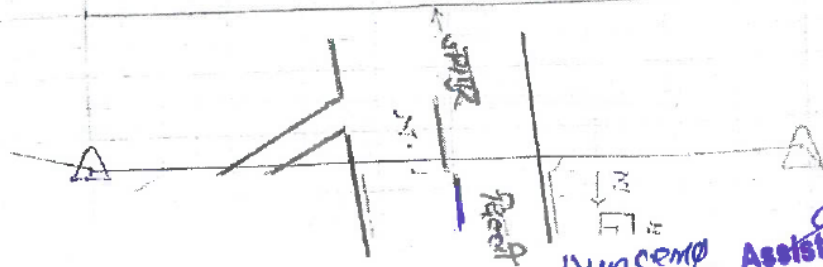


4
 <DD+6>
 PROPOSED

3
 <DD+6>
 PROPOSED

| | | | | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 100.42 | 100.47 | 100.82 | 100.78 | 100.88 | 103.24 | 103.75 | 103.22 | 103.06 | 103.13 | 101.02 | 101.07 | 101.00 |
| 0 | 10 | 20 | 40 | 54 | 67 | 72 | 98 | 124 | 130 | 150 | 150 | 175 |

20-29' LT



Vmcomp
 6/6/23
 Assistant Engineer (T&C)
 RVPN, Bhiwadi (Alwar)