Proposed Route with two Alternative Routes of Proposed Protected Forest Land is proposed to be diverted for 220 KV Meerut (765 KV)-Amroha Transmission Line in District:- Amroha & Hapur (U.P.)

OPEN SERIES MAP

No. H44S5

Scale 1:50,000

H44M4 (52K/4)	Bijnor UTTAR PRADESH H44M8 (53K/8)	H44M12 (53K/12)
H44S1 (53L/1)	Jyotiba Phūle Nagar UTTAR PRADESH H44S5 (53L/5)	H44S9 (53L/9)
H44S2 (53L/2) Bulandshahar UTTAR PRADESH	H44S6 (53L/6)	Morādābād UTTAR PRADESH H44S10 (53L/10)

1 Meerut, UTTAR PRADESH.
2 Ghaziābād, UTTAR PRADESH.

PLOTTER PRINT

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. 0250 Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway: with toll; with bridge; with distance stone
Roads, metalled: according to importance
Roads, double carriageway: according to importance
Unmetalled road, Cart-track, Pack-track, with pass, Foot-path
Streams: with track in bed; undefined, Canal
Dams: masonry or rock-filled, earthwork, Weir
River: dry with water channel; with island & rocks, Tidal river
Submerged rocks, Shoal, Swamp, Reeds
Wells: lined; unlined, Tube-well, Spring, Tanks: perennial; dry
Embankments: road or rail; tank, Broken ground
Railways, broad gauge: double; single with station; under constn.
Railways, other gauges: double; single with distance stone; do.
Mineral line or tramway, Kiln, Cutting with tunnel
Contours with sub-features, Rocky slopes, Cliffs
Sand features:(1)Bst. (2)sand-Hills(permanent), (3)dunes(shifting)
Towns or Villages: inhabited; deserted, Fort
Huts: permanent; temporary, Tower, Antiquities
Temple, Chhabi, Church, Mosque, Idgāh, Tomb, Graves
Lighthouse, Lightship, Buoys: lighted, unlighted, Anchorage
Mine, Vine on trellis, Grass, Scrub
Palms: palmyra; other, Plantain, Conifer, Bamboo, Other trees
Areas: cultivated; wooded, Surveyed tree
Boundary, international
.. state; demarcated; undemarcated
.. district; subdivision; tahsil or tāluk; forest
Boundary pillars: surveyed; unlocated
Heights, triangulated: station; point; approximate
Bench-mark: geodetic; tertiary; canal
Post office, Telegraph office, Overhead tank
Rest house or Inspection bungalow, Circuit house, Police station
Camping ground, Forest: reserved; protected
Spaced names: administrative; locality or tribal
Hospital, Dispensary, Veterinary: Hospital / Dispensary
Aerodrome, Helipad, Tourist site
Power line: with pylons surveyed; with poles unsurveyed

REFERENCE

NH 24 National Highway No.24.

NOTES :-

Heights are in metres and above indian mean sea level.
Contours are approximate.
A relative height, 'R', represents the approximate height, in metres, between the top and bottom of a steep slope.
Tanks shown dry, in this area usually contain water from July to December.
Wells and Tube-wells are numerous throughout the sheet; only the important ones have been shown.
Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season.

COMPILATION INDEX

A Compiled from 1:25,000 scale survey 1989-90. Updated for major details during 2008-09.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about ½° East in 2005. (Increasing by about 1' annually).

500 m to 1 cm 1:50,000 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 10 METRES

For further details about this map, please contact
Additional Surveyor General
Uttarākhand and west Uttar Pradesh Geo-Spatial Data Centre
Survey of India, 17 E.C. Road
Dehra Dūn.
Fax : 0135 - 2656402

WEBSITE - www.surveyofindia.gov.in

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ROUTE DETAILS

Route Name	Protected Forest Land Area	Reserved Forest Land Area
Proposed Route	0·070 Hectare	0·0 Hectare
Alternative Route 1	0·172831 Hectare	2·2315 Hectare
Alternative Route 2	0·185758 Hectare	4·9768 Hectare

Proposed Route is selected as the best possible route since affected Forest land area proposed for diversion is minimum with lesser number of crossings.

Legend

- Non Forest Land Proposed Route
- Non Forest Land Aletrnative Route 1
- Non Forest Land Alternative Route 2
- Proposed Protected Forest Land to be diverted

Er. Rajesh Kumar Gupta
Gupta 29.9.21
Executive Engineer
Electy. Transmission Division
Amroha (U.P.)

Proposed Route with two Alternative Routes of Proposed Protected Forest Land is proposed to be diverted for 220 KV Meerut (765 KV)-Amroha Transmission Line in District:- Amroha & Hapur (U.P.)

OPEN SERIES MAP

No. H44S1

Scale 1:50,000

H43R16 (53G/16) Meerut UTTAR PRADESH	H44M4 (52K/4)	Bijnor UTTAR PRADESH H44M8 (53K/8)
H43X13 (53H/13) Ghāziābād UTTAR PRADESH	H44S1 (53L/1)	Jyotiba Phule Nagar UTTAR PRADESH H44S5 (53L/5)
H43X14 (53H/14) Bulandshahr UTTAR PRADESH	H44S2 (53L/2)	H44S6 (53L/6)

1 Muzaffarnagar, UTTAR PRADESH.
2 Morādābād, UTTAR PRADESH.

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Boundary, Pillars: surveyed; unlocated
Heights, triangulated: station; point; approximate. △ 200 . 200 .200
Bench-mark: geodetic; tertiary: canal BM 63·3 .BM 63·3 .63
Post office. Telegraph office. Overhead tank
Rest house or inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected CG RF PF
Spaced names: administrative; locality or tribal KIKRI NĀGA
Hospital. Dispensary. Veterinary: Hospital / Dispensary
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

REFERENCES

NH 24 National Highway No. 24.
SH 81 State Highway No. 81.

NOTES :-

Height are in metres and above Indian mean sea level.
Contours are approximate.
A Relative height, dy, represents the approximate height, in metres between the top and bottom of a steep slope.
Tanks, shown dry, in this area usually contain water from July to December.
Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season. Permission to use those along canals is required from the Irrigation authorities.
Owing to periodical floods the course of the Ganga River is continually changing.
A relative height,e.g. dx marked along a canal, indicates the height of the top of the canal embankment above the adjacent country.
Wells and tube-wells are numerous throughout the sheet; only the important ones have been shown.
The kilometre stone numbers along roads, railways and canals are shown in slant type,e.g. 5 whereas milestone numbers are shown in upright type,e.g. 5.
The district boundary, where it follows the main deep water channel of the Ganga River, will change with the fluctuations of that channel.

COMPILATION INDEX

A Compiled from the 1:25,000 scale Survey 1975-76. Updated from Modern Survey during 1987-88 and 2005-06.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about 0° 45′ East in 2005. (Increasing by about 1′ annually).

1:50,000

500 m to 1 cm 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometre

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
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- Non Forest Land Alternative Route 2
- Proposed Protected Forest Land to be diverted
- Proposed Reserved Forest Land for two Alternative Routes

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