Toposheet of Proposed Approach Road of Bridge (Chainage - SH12 A, Ch - 15.73 to 15.173 & 15.244 to 15.344)

INDIA

REFER TO THIS MAP AS :- 1:50,000
SHEET 53 G/15 FIRST EDITION

FIRST EDITION

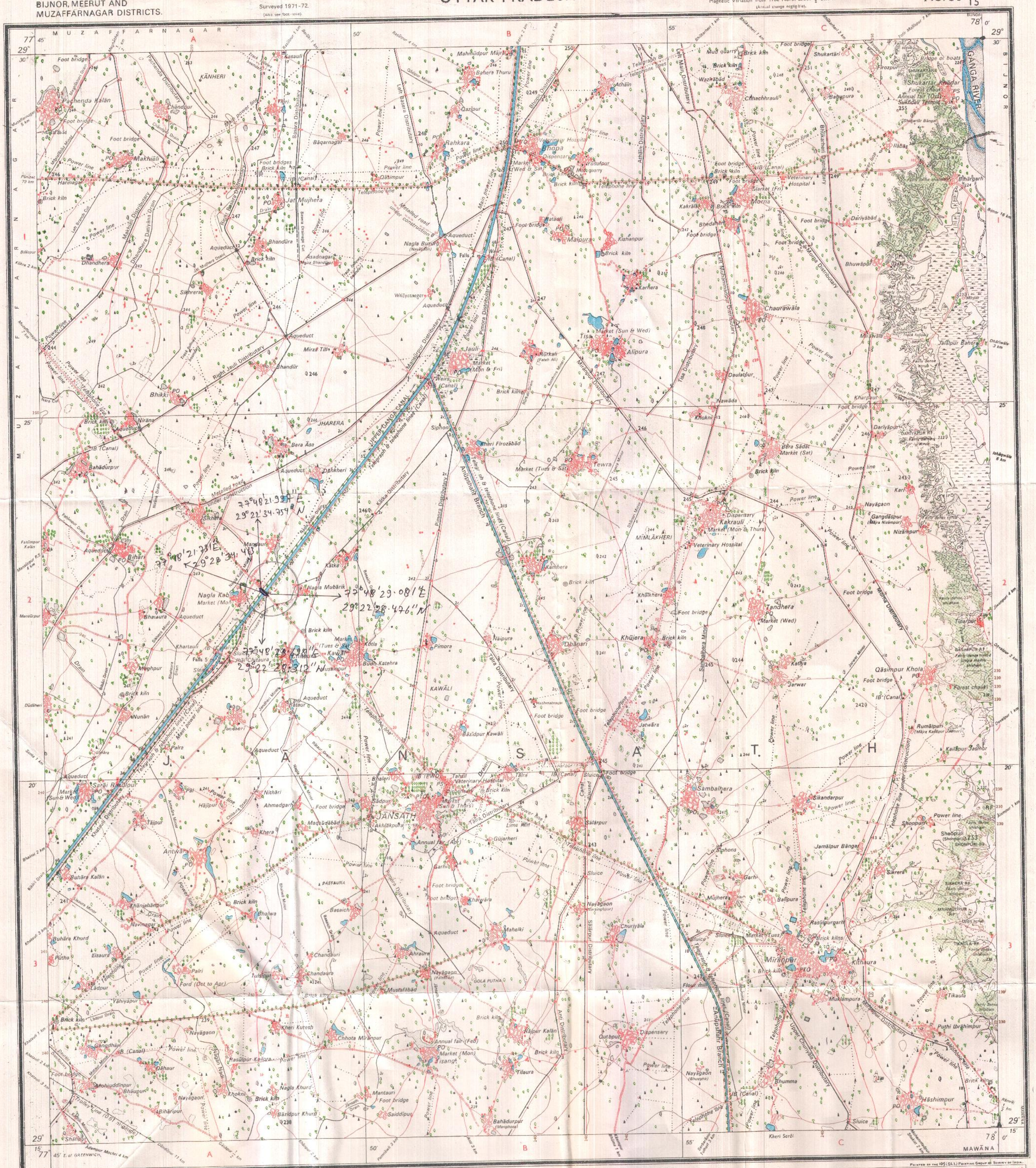
# UTTAR PRADESH

BIJNOR, MEERUT AND MUZAFFARNAGAR DISTRICTS.

Surveyed 1971-72.
(Also see foot-note)

Magnetic Variation from True North about ½° East in 1970
(Annual change negligible).

No. 53 G/15




Reg. No. 71 DD 80 (D.O. 2-1:33,333)-3618 - 4 000'82-10500'88 - 41 DB' 93.

Roads metalled: according to importance: distance stone
unmetalled: do. do. bridge
Cart-track. Pack-track and pass. Foot-path with bridge
Bridges: with piers, without. Causeway. Ford or Ferry
Streams: with track in bed, undefined. Canal
Dams: masonry or rock. Embankment. Weir
River banks: shelving, steep. 3 to 6 metres: over 6 metres
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.
other gauges: do. do. with distance stone: do
Light railway or tramway. Telegraph line. Cutting with tunnel
Contours with subsidiaries. Rocky slopes. Cliffs
Sand features: (1) flat, (2) sand-hills and dunes (surveyed) (3) shifting dunes

1st Edition 1977
(Previous Editions on 1-inch scale, 1st 1915; 2nd 1920, 3rd 1932).

Index to Sheets

| | | |
|---|---|---|
| 53 G/10 | 53 G/14 | 53 K/2 |
| 53 G/11 | 53 G/15 | 53 K/3 |
| 53 G/12 | 53 G/16 | 53 K/4 |

Published under the direction of Major-General K.L. Khosla, B.Sc., B.E. (Civil), F.I.S., F.I.E., F.I.G.U., M.A.S.C.E. (U.S.A.), Surveyor General of India, 1977.

1:50,000

500 m to 1 cm — 2 cm to 1 km

Metres 1000 500 0 1 2 3 4 5 6 7 Kilometres

HEIGHTS & CONTOURS IN METRES

CONTOUR INTERVAL 10 METRES

*Water features are shown in blue where they generally contain water.
*Cultivated areas are coloured yellow.
*The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribands.

Contours are approximate.
A relative height, e.g. 6r, represents the approximate height, in metres, between the top and bottom of a steep slope.
Wooded areas are coloured green. Scattered trees and other vegetation are in green, but prominent surveyed trees are in black.

*Not applicable.

The district boundary in the Ganga River follows the main deep water channel and will change with the fluctuations of that channel.
Cart tracks and unmetalled roads in this sheet are generally motorable in dry season. Permission to use these along canals is required from the Irrigation authorities.
A relative height, e.g., 6r, marked along a canal, indicates the height of the top of the canal embankment above the adjacent country.
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.
Some roads, in this sheet, have been incorporated as a result of the verification survey carried out during 1975-76.
This sheet has been compiled from 1:25,000 survey.
The area adjoining the Ganga River is liable to change owing to continual fluctuation in the course of the river.
The kilometre stone numbers along roads and Tisa Distributary are shown in slant type, e.g. 5 whereas milestone numbers are shown in upright type, e.g. 5.

Administrative Index

MUZAFFARNAGAR

1 BIJNOR
2 MEERUT

Towns or Villages: inhabited, deserted, Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Idgah. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted, unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palms: palmyra, other. Plantain. Conifer. Bamboo. Other trees
Boundary, international
" state: demarcated, undemarcated
" district, subdiv., tahsil or tāluk; forest
Boundary pillars: surveyed, unlocated. Village trijunction
Heights: triangulated; station, point; approximate ... △ 200 ... 200 ... 200
Bench-mark: geodetic, tertiary; canal ... BM 63·3 ... BM 63 ... 63
Post office. Telegraph office. Combined office. Police station ... PO TO PTO PS
Bungalows: dāk or travellers; inspection. Rest house ... DB IB (Canal) RH (Forest)
Circuit house. Camping ground. Forest: reserved, protected ... CH CG RF PF
Spaced names: administrative; locality or tribal ... KIKRI NAGA

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(इन्द्र पाल सिंह)
परियोजना प्रबन्धक
के. मार्ग इकाई, सहारनपुर

REFER TO THIS MAP AS :- 1:50,000
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INDIA

Legend

- Approach Road for Bridge
- Alternative Road