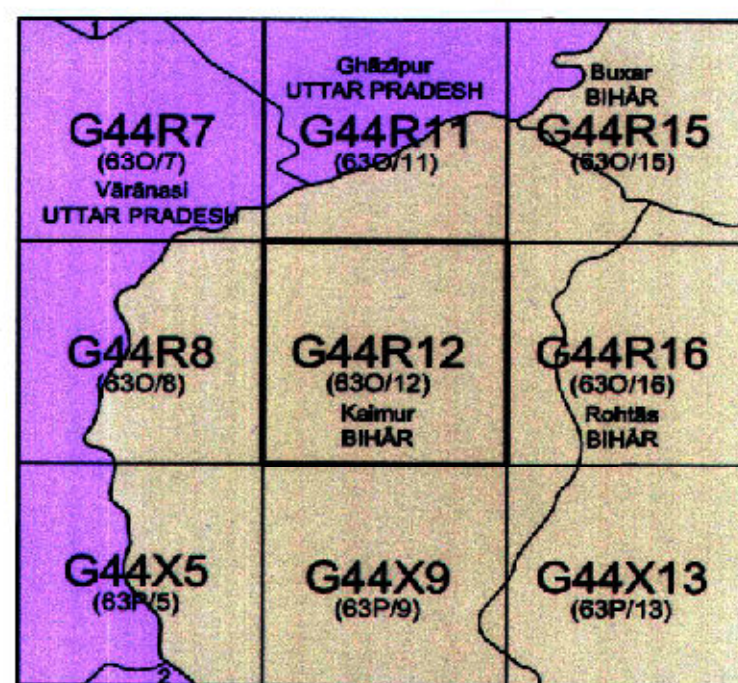




No. G44R12
Scale 1:50,000



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CONVENTIONAL SYMBOLS



REFERENCES

AN 30 National Highway No. 30 AN 2 National Highway No. 2

NOTES

Heights are in metres and above Indian mean sea level. Contours are approximate. A relative height, e.g., 10, represents the approximate height, in metres, between the top and bottom of a steep slope. The kilometre stone numbers along the railway, roads and canals are shown in short type, e.g., 10, whereas milestone numbers are shown in upright type, e.g., 10. Contours on unimproved roads in this sheet are generally not shown in dry season. Permission to use these along canals is required from the irrigation authorities. The inverse heights and contours in this sheet are not adjusted to the heights of the spirit-levelled bench-marks and may not be strictly in accordance with them. A relative height, e.g., 10, marked along a canal, indicates the height of the top of the canal embankment above the adjacent country.

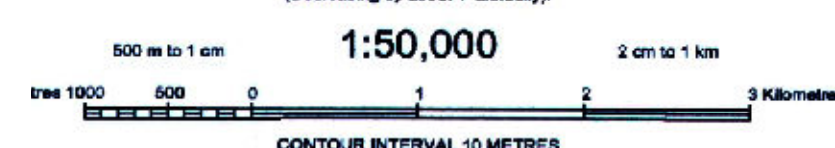
COMPILED INDEX

A. Surveyed during 1975-76. Updated for major details during 2005-07.



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005. (Decreasing by about 1" annually).



CONTOUR INTERVAL 10 METRES

For further details about this map, please contact

Director

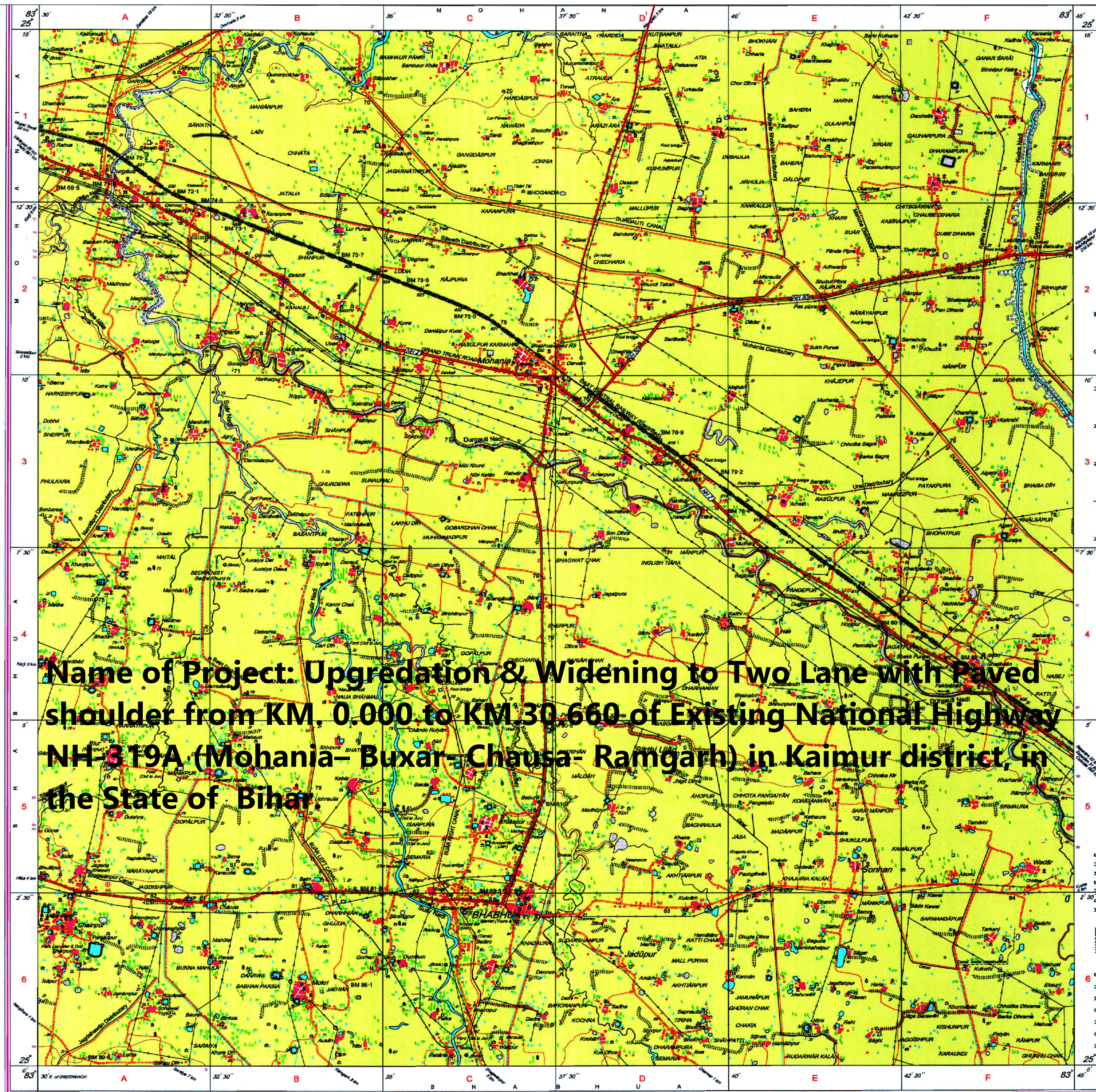
Bihar Geo-Spatial Data Centre

Survey of India, 164, Shaheedpura House, Shaheedpura

Patna.

WEBSITE - www.surveyofindia.gov.in

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Name of Project: Upgradation & Widening to Two Lane with Paved shoulder from KM. 0.000 to KM.30.660 of Existing National Highway NH-319A (Mohania- Buxar- Chausa- Ramgarh) in Kaimur district, in the State of Bihar.

Signature

Executive Engineer
N. H. Division Aurangabad

No. G44R11
Scale 1:50,000

G44R6 (830/6)	G44R10 (830/10)	G44R14 (830/14)
G44R7 (830/7)	G44R11 (830/11)	G44R15 (830/15)
G44R8 (830/8)	G44R12 (830/12)	G44R16 (830/16)

1 Ballia, UTTAR PRADESH.
PLOTTER PRINT

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1st Edition 2010. Price : Rs. 70/-

CONVENTIONAL SYMBOLS

Express Highway with toll, with bridge, with distance stone	...	...
Roads, metalled, according to importance	...	...
Unmetalled road, Cart track, Road with path, Foot path	...	...
Stream with back in bed, unmetalled Canal	...	...
Canal, metalled, with lock, with gate, with sluice	...	...
Flow, dry with water channel, with bank, with sluice	...	...
Swampy, rocky, gravel, Swampy, rocky	...	...
Weak lined, unmetalled, Trench, Trench, Trench	...	...
Embankment, road or rail, bank, broken ground	...	...
Railway, broad gauge, double, single with station, under station	...	...
Railway, narrow gauge, double, single with station, under station	...	...
Mineral line or tramway, Rail, cutting with tunnel	...	...
Contours with sub-features, Rocky slopes, Cliffs	...	...
Sand features (Yat, (Quand-Haig) (Quand-Haig)	...	...
Town or Village, unmetalled, deserted, Fort	...	...
Hill, permanent, temporary, Tower, Antiquities	...	...
Temple, Church, Mosque, Ghat, Tomb, Graves	...	...
Lighthouse, Lightship, Buoy, light, unlighted, Anchorage	...	...
Wire, Vine on trellis, Grass, Scrub	...	...
Palms, papyrus, other, Plantain, Cane, Bamboo, Other trees	...	...
Area, cultivated, wooded, surveyed tree	...	...
boundary, international	...	...
water, dammed, underdammed	...	...
water, submersed, small or B.M., forest	...	...
Boundary plane, surveyed, unmetalled	...	...
Height, triangulated station, point, approximate	...	...
Bench-mark, geodetic, arbitrary, canal	...	...
Post office, Telegraph office, Overhead tank	...	...
House of worship, bungalow, Circuit house, Police station	...	...
Camping ground, Forest, reserved, protected	...	...
Spaced names, administrative, locality or tribe	...	...
Hospital, Dispensary, Veterinary Hospital / Dispensary	...	...
Airline, Helicopter, Tourist etc.	...	...
Power line with pylons surveyed, with poles unmetalled	...	...

REFERENCES
Notes

Notes :-
Heights are in metres and above Indian mean sea level
Contours are in metres
A positive height, e.g., 100, represents the approximate height, in metres, between the top and bottom of a steep slope.
The traverse height and contours in this sheet have not been adjusted to the height of the earth's surface (orthometric) and may not be strictly in accordance with true.
The kilometre scale numbers along roads, railways and canals are shown in black type, e.g., 10
Wherever distances are shown in black type, e.g., 10
Canal tracks and unmetalled roads in this sheet are generally not shown in dry season. Permission to use these along canals is required from the irrigation authorities.
Towns shown in this sheet, usually contain water from July to December.
A positive height, e.g., 100, represents the height of the top of the canal embankment above the adjacent country.
Wells are numerous throughout the sheet; only the important ones have been shown.

COMPILED INDEX
A Modern Survey 1975-74. Updated for major details during 2006-08 and administrative boundaries updated during 2007-08.

Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 1/2° West in 2005 (Decreasing by about 1/2° annually)
Scale 1:50,000
500 m to 1 cm
2 cm to 1 km
CONTOUR INTERVAL 20 METRES
For further details about this map, please contact
Director
East Uttar Pradesh Geo-Spatial Data Centre
Survey of India
B-2 Block, 2nd Floor, PICUP Bhubaneswar, Gomti Nagar, Lucknow.
WEBSITE - www.surveyofindia.gov.in



Signature

Executive Engineer
N. H. Division Aurangabad

No. G44R15

Scale 1:50,000

G44R10 (630/10)	G44R14 (630/14)	G45M2 (720/2)
G44R11 (630/11)	G44R15 (630/15)	G45M3 (720/3)
G44R12 (630/12)	G44R16 (630/16)	G45M4 (720/4)

1 Ballia, UTTAR PRADESH

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CONVENTIONAL SYMBOLS

Express highway, with bridge, with distance scale	
Roads, railway, according to importance	
Roads, double carriage way, according to importance	
Unimproved road, Cart-track, Path-track with pass, Post-path	
Stream with back in bed, underlain, Canal	
Ditch, masonry or rock-lined, earthen, well	
River, dry with water channel, with land & rocks, Tidal river	
Submerged rock, shoal, Sand, Reed	
Well, lined, unlined, Tube-well, Spring, Tank, perennial, dry	
Embankment, road or rail, bank, broken ground	
Railways, broad gauge, double, single, under construction	
Railways, other gauges, double, single, with distance scale, do.	
Mineral line or railway, R.M. Cutting with tunnel	
Contours with spot-heights, Rocky slopes, Cliff	
Settlement (Type, 2nd order, 3rd order, 4th order)	
Town or Village, inhabited, deserted, Fort	
Hill, permanent, temporary, Tower, Antenna	
Temple, Church, Mosque, Dargah, Tomb, Grave	
Lighthouse, Light-house, Buoy, Light, unlighted, Anchorage	
Mine, Vite on leaf, Grass, Scrub	
Palms, palm trees, other, Plantain, Coriander, Bamboo, Other trees	
Arise cultivated, wooded, Surveyed tree	
Boundary, international	
State, demarcated, undemarcated	
district, subdivision, taluk or taluk, forest	
Boundary pillars: surveyed, uncoloured	
Height, triangulated station, point, approximate	
Bench-mark, geodetic, levelling, aneroid	
Post office, Telegraph office, Overhead tank	
Post house or inspection bungalow, Circuit house, Police station	
Camping ground, Forest, reserved, protected	
Spaced name, administrative, locality or tribal	
Hospital, Dispensary, Veterinary, Hospital, Dispensary	
Airplane, Helicopter, Tourist, etc.	
Power line, with pylons surveyed, with poles unsurveyed	

REFERENCE

PS Foot bridge

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g., 50, represents the approximate height, in metres, between the top and bottom of a steep slope.
A relative height, e.g., 50, indicates the best depth in metres.
Tanks, shown dry, in the area usually contain water from July to December.
Tube-wells are numerous throughout the sheet, only the important ones have been shown.
Cart tracks and unimproved roads in this sheet are generally not shown in dry season. Permission to use these roads is granted by the Survey of India.
A relative height, e.g., 50, indicates the height of the top of the central embankment above the adjacent country.
The kilometre scale numbers along the railway, road and canal are shown in short type e.g., 20 where the kilometre numbers are shown in short type e.g., 10.
COMPILED INDEX

A Modern Survey 1975-75. Updated for major details during 2005-05.



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005.

(Decreasing by about 1° annually)

1:50,000

500 m to 1 cm

2 cm to 1 km

CONTOUR INTERVAL 10 METRES

For further details about this map, please contact

Director

East Uttar Pradesh Geo-Spatial Data Centre

Survey of India

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