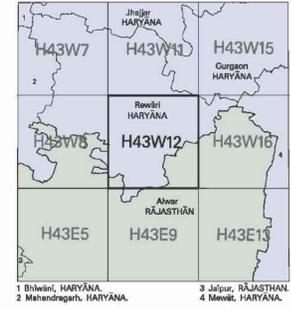


NOT FOR EXPORT  
**OPEN SERIES MAP**

**No. H43W12**  
 Scale 1:50,000



भारतीय सर्वेक्षण विभाग  
**SURVEY OF INDIA**  
 1st Edition 2007. Price: Rs. 50/-

**CONVENTIONAL SYMBOLS**

Express Highway: with rail, with bridge, with distance stone	
Roads, metalled: according to importance	
Roads, double category: according to importance	
Unmetalled road, Cart-track, Path-track with pass, Foot-path	
Streams: with track in bed, unforded, Canal	
Clear: masonry or rock-filled, network, Wall	
River: dry with water channel, with bank & rocks, Tidal flow	
Submerged water: Shad, Swamp, Tidal, Trench	
Water: fresh, salt, Tidal, Spring, Tank, Reservoir, dry	
Bank: masonry, road or rail, tank, broken ground	
Railways: broad gauge: double single with station under canopy	
Railways: meter gauge: double single with distance stone, 60	
Mineral line or tramway: K/S, Casing with tunnel	
Contours with sub-fatures: Rocky slopes, Cliff	
Spot features: (T.M.) (D.M.) (S.M.) (B.M.) (I.S.M.)	
Towns or Villages: inhabited, deserted, Port	
Highway, International station, point, approximately	
Temple, Church, Mosque, High, Tomb, Green	
Lighthouse, Lightship, Buoy, lighted, unlighted, Aeronaut	
Mts. Via de ferris, Cable, Stair, Stair	
Palm: palm, other, Plantain, Coconut, Bamboo, Clear tree	
Arms: outland, wooded, Cultivated tree	
Boundary: International	
State: demarcated, undemarcated	
Electric: substation, tele or tele. form	
Plant: surveyed, uncultivated, village plantation	
Height: triangulation station, point, approximate	
Barometrical station: survey, level	
Post office, Telegraph office, Despatch box	
Rail house or inspection bungalow, Cross house, Police station	
Camping ground, Forest reserved, protected	
Spaced name: administrative, locality or tribal	
Hospital, Dispensary, Veterinary hospital	
Aerodrome, Helipad, Tourist site	
Power line: with pylons surveyed, with poles unsurveyed	

**LEGEND:**  
 EXISTING PROJECT ROAD TO BE WIDENED  
 PROPOSED BYPASSES OF PROJECT ROAD

**REFERENCE**  
 NH 11 National Highway No. 11

**NOTES**  
 Heights are in metres and above datum mean sea level.  
 Contours are approximate.  
 A relative height, e.g. 10', represents the approximate height, in metres, between the top and bottom of the steep slope.  
 Important government buildings are shown in black with names.  
 Tanks shown dry. In this area usually contain water from July to March.  
 Tides may be consulted throughout the sheet, only the highest tide has been shown.  
 Unmetalled roads and cart-tracks in this sheet are generally mettable in dry season. Permission to use these roads should be obtained from the irrigation authorities.  
 200-metre independent elevations of British datum Project survey are shown as tertiary bench mark lines.

**COMPILED INDEX**  
 A. Surveyed during 1963-64. Updated for major details during 2005-06.

Project Director  
 HRAI, P.U.-Rewari

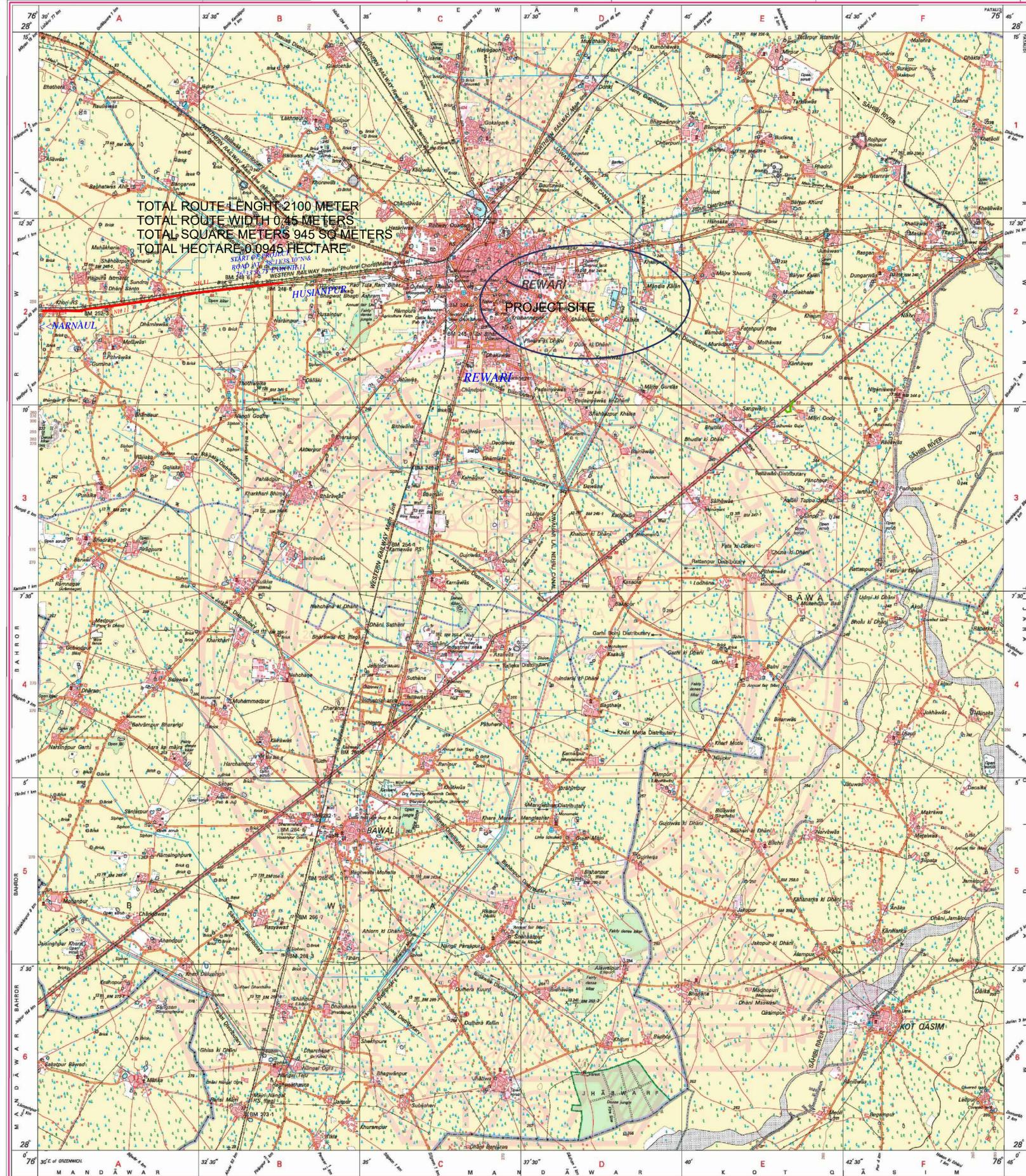
Projection - UTM Datum - WGS 84  
 Magnetic Variation from True North about 1° East in 2000.  
 (increasing by about 2' annually).

Scale 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  
 Haryana Geo-Spatial Data Centre  
 Survey of India, Sector 32 A  
 Chandigarh.  
 Fax: 0172 - 2604671

WEBSITE - www.surveyofindia.gov.in



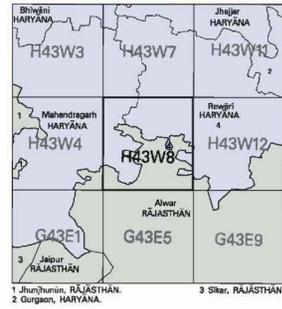
TOTAL ROUTE LENGTH 2100 METER  
 TOTAL ROUTE WIDTH 0.45 METERS  
 TOTAL SQUARE METERS 945 SQ METERS  
 TOTAL HECTARE 0.0945 HECTARE



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MAP

No. H43W8

Scale 1:50,000



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CONVENTIONAL SYMBOLS

Express Highway: with toll, with bridge, with distance shown	
Road, metalled according to importance	
Road, double carriageway according to importance	
Unmetalled road, Cart-track, Foot-track with path, Foot-path	
Stream: with track in bed, underdrain, Canal	
Dam: masonry or rock-fill; siltwork, Weir	
River: dry with water channel; with island & rocks; Tidal river	
Submerged road, Shoal, Swamp, Heald	
Well: lined, unlined, Tube-well, Spring, Tank; permanent; dry	
Embankment: road or rail; lock; Broken ground	
Railways: broad gauge; double, single with station under control	
Railway, other gauges: double, single with station, etc.	
Mineral line or tunnel: Oil, Coal, with tunnel	
Contours with sub-heights: Rocky slopes, Cliffs	
Dam features: [Dam]-[Type]-[Height]	
Towns or villages: inhabited; deserted; Fort	
Hulk: permanent; temporary; Tower, Artillery	
Temples, Chhatra, Church, Mosque, Light, Tomb, Grave	
Lighthouses: Lighthouse, Beacon, Light, Buoy, etc.	
Mine, Water on traffic, Green, Social	
Palms, papyrus, other plants, Cultures, Barren, Other trees	
Acres, cultivated; wooded; forested trees	
Boundary, international	
Water: dammed; undammed	
Forest: sub-division, forest or afforestation	
Fallen: surveyed; uncollected; village population	
Height, triangulation; station point; approximate	
Bench-mark: geodetic; tertiary; canal	
Post office, Telegraph office, Overhead tank	
Rest house or inspection bungalow, Club house, Police station	
Camping ground, Forest reserved, protected	
Special name: administrative locality or village establishment	
Hospital, Dispensary, Veterinary hospital	
Aerodrome, Helipad, Tented site	
Power line: with pylons surveyed; with poles unsurveyed	

LEGEND:  
EXISTING PROJECT ROAD TO BE WIDENED   
PROPOSED BYPASSES OF PROJECT ROAD

REFERENCES  
NH 11 National Highway No. 11 Day, Dehra Dun

NOTES :-  
Heights are in metres and above Indian mean sea level.  
Contours are approximate.  
A relative height, as represented by the approximate height, in metres, between the top and bottom of a slope.  
Towns shown on this map usually contain water from July to March.  
Unmetalled roads and cart-tracks in this sheet are generally metalled in dry season. Permission to use cart-tracks along canals is required from the irrigation authorities.  
The contours in this sheet have been shown to nearest vertical interval in plains up to 300 metres and 20 metres vertical interval in hilly areas above 300 metres.  
3,000 - area under cultivation shown as shaded area project surveys are shown as tertiary bench mark.

COMPILATION INDEX  
A Surveyed during 1983-84. Updated for major details during 2005-06.

**Project Director**  
NHAI, Pili-Rewari

Projection - UTM Datum - WGS 84  
Magnetic Variation from True North about 1/2° East in 2000.  
(increasing at about 2' annually).

Scale: 1:50,000  
500 m to 1 cm

CONTOUR INTERVAL 10/20 METRES

For further details about this map, please contact  
Director  
Haryana Geo-Spatial Data Centre  
Survey of India, Sector 32 A  
Chandigarh.  
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