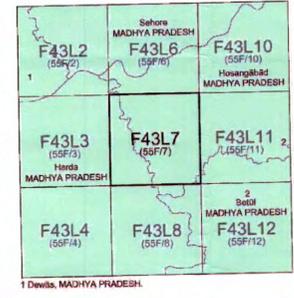


4 laning of Harda -Betul Section of National Highway (NH-47) from Temagav Design Ch 30+000 to Chicholi Design Ch 81+000 (length-51.00 km) under BHARATMALA Pariyojana Economic Corridor (Phase- I) in the State of Madhya Pradesh on Hybrid Annuity Mode.



No. F43L7
Scale 1:50,000



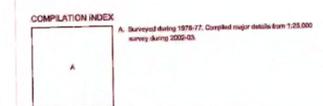
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CONVENTIONAL SYMBOLS

Express highway with left and right side roads	...
Roads, medical according to importance	...
Unimproved road, Cart-track, Path-track with pass, Foot-path	...
Canals, water track in bed, unbedded, Canal	...
Dam, masonry or rock-filled, earthen, With	...
Water, dry with water channel, with island & rocks, Tidal water	...
Water, level, without Tidal water, Spring, Tidal, perennial, dry	...
Cultural heritage, road or viaduct, bridge, aqueduct	...
Railways, broad gauge, double single with station, water crossing	...
Railways, other gauges, double single with station, water crossing	...
Minor line or tramway, Min. Cutting with tunnel	...
Contours with sun-kennel, Hoody slopes, Cliff	...
Bound features (Urban, Semi-urban, Rural, etc.)	...
Towns or Villages (Urban, Semi-urban, Rural, etc.)	...
Habitat, permanent, temporary, Trench, Artificial	...
Temples, Churches, Mosques, Idols, Tombs, Graves	...
Lighthouses, Lightships, Buoy, Lighted, unlighted, Anchorage	...
Min. Vee on hillside, Grass, Scrub	...
Plains, palm-tree, other, Plantain, Coriander, Bamboo, Other trees	...
Areas, cultivated, wooded, Surveyed trees	...
Boundary, international	...
State, demarcated, undemarcated	...
State, undemarcated, label of State, forest	...
Boundary, village, surveyed, unlocated	...
Height, triangulation, station, point, approximate	...
Benchmark, geodetic, levelling, canal	...
Post office, Telegraph office, Overhead tank	...
Road house or inspection bungalow, Signal house, Police station	...
Cemetary ground, Forest, reserved, protected	...
Sanctuary, national, international, locality or tribal	...
Hospital, Dispensary, Veterinary, Hospital/Dispensary	...
Air-aid, Helipad, Tourist site	...
Power line with poles surveyed, with poles unsurveyed	...

REFERENCE
NH-47 National Highway No. 30A

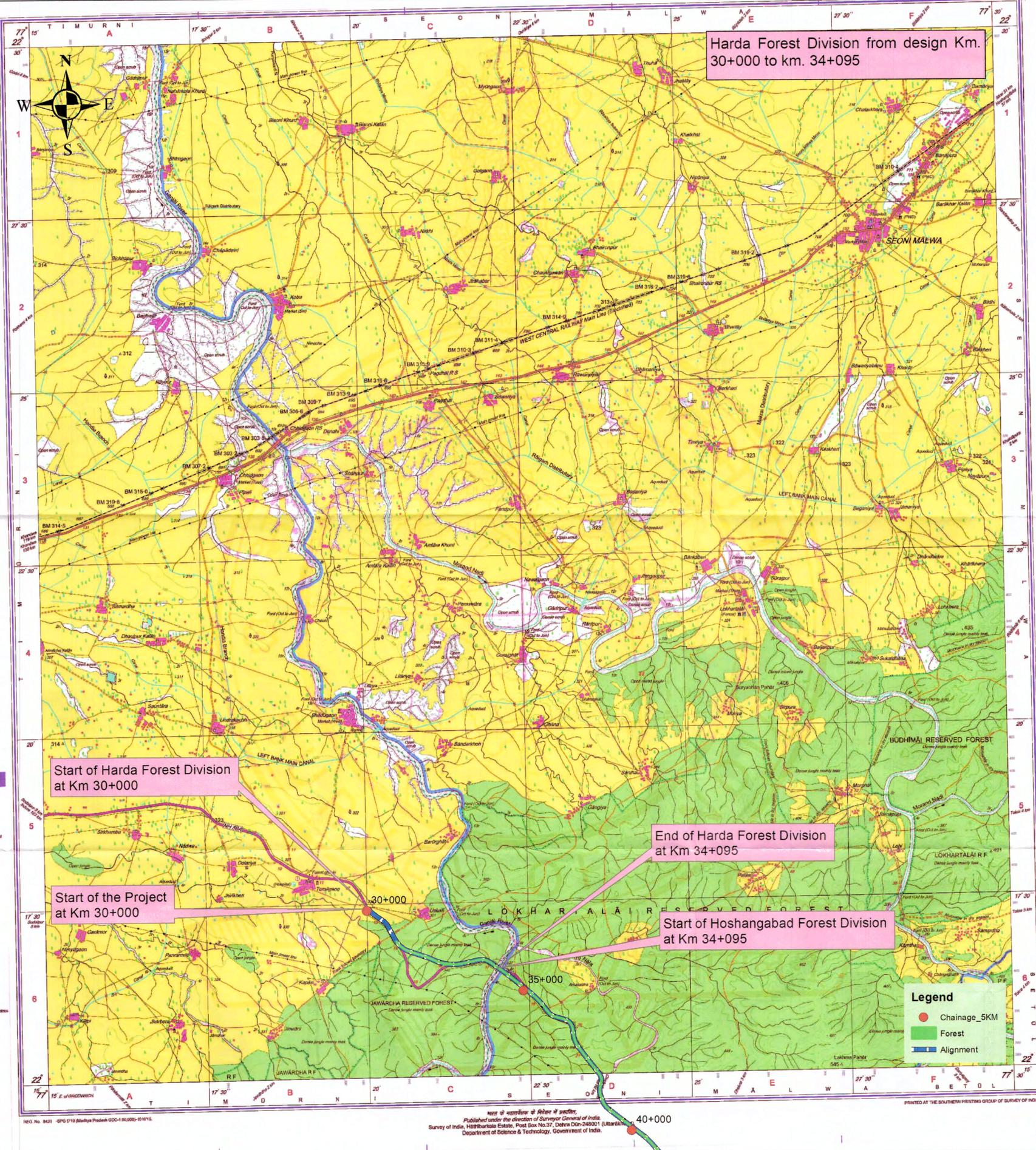
NOTES
Height in meters and above Indian mean sea level
Contours are approximate
A double height 1:50,000 represents the approximate height, in metres, between the top and bottom of a steep slope
The hatched and stippled contours on this sheet have not been adjusted to the height of the spot-levelled bench marks and may not be strictly in accordance with them.



Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 1/2° West in 2005.
(Decreasing by about 1' annually)
Scale 1:50,000
CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
Director
Madhya Pradesh Geo-Spatial Data Centre
Survey of India
Survey Colony, Vijaynagar
Jabalpur.

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Harda Forest Division from design Km. 30+000 to km. 34+095

Start of Harda Forest Division at Km 30+000

End of Harda Forest Division at Km 34+095

Start of the Project at Km 30+000

Start of Hoshangabad Forest Division at Km 34+095

Legend
● Chainage_5KM
■ Forest
— Alignment

Project Director
NHAI, PIU - Chhindwara (M.P.)

4 laning of Harda -Betul Section of National Highway (NH-47) from Temagav Design Ch 30+000 to Chicholi Design Ch 81+000 (length-51.00 km) under BHARATMALA Pariyojana Economic Corridor (Phase- I) in the State of Madhya Pradesh on Hybrid Annuity Mode.



No. F43L8
Scale 1:50,000

F43L3 (55F/3)	F43L7 (55F/7)	Hoshangabad MADHYA PRADESH F43L11 (55F/11)
Harda MADHYA PRADESH F43L4 (55F/4)	F43L8 (55F/8)	F43L12 (55F/12)
3 F43R1 (55G/1)	F43R5 (55G/5)	2 MADHYA PRADESH F43R9 (55G/9)

1 Amravati, MAHARASHTRA
3 Khawda (East Nema), MADHYA PRADESH.

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1st Edition 2010. Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway, with tol, with bridge, with distance stone	
Roads, metalled, according to importance	
Roads, double category, according to importance	
Unmetalled road. Cart track. Pack-track with pass. Footpath.	
Stream, with track in bed, unbridged. Canal	
Dam, masonry or rock-fill, with spillway. Weir	
River dry with water channel, with island & rocks. Tidal river	
Submerged rocks. Shoal. Deep. Reefs	
Wells: well, unlined. Tubewell. Spring. Tank. Perennial, dry	
Embankment, sand or silt bank. Broken ground	
Railways, broad gauge: double, single with station, under construction	
Railways, other gauges: double, single with distance stone, etc.	
Mineral line or tramway. K.M. Cutting with barrier	
Contour with spot heights. Spot heights. Contour	
Band habitation (Village, Panchayat, Government), (Dharmshala, etc.)	
Towns or Villages: Habitation: deserted. Fort	
Hut: permanent temporary. Tower. Antenna	
Temple. Church. Mosque. High. Tank. Ghat	
Lighthouse. Lightship. Buoy. Lighted. Unlighted. Andromeda	
Mine. Vind on table. Glass. Stone	
Pole: pylon; other. Plantain. Coconut. Bamboo. Other trees	
Area: cultivated, wooded. Surveyed tree	
Boundary, international	
Boundary, surveyed, unlocated	
Height, triangulation station; point; approximate	
Spot height, geodetic; tertiary; canal	
Post office. Telegraph office. Overland tank	
Hut house or inspection bungalow. Circuit house. Police station	
Camping ground. Forest reserved, protected	
Special names: administrative, locality or road	
Hospital. Dispensary. Veterinary Hospital. Dispensary	
Airplane. Helicopter. Trolley etc.	
Power line with pylons supported with poles unspanned	

REFERENCE
M/554 National Highway No. 55A

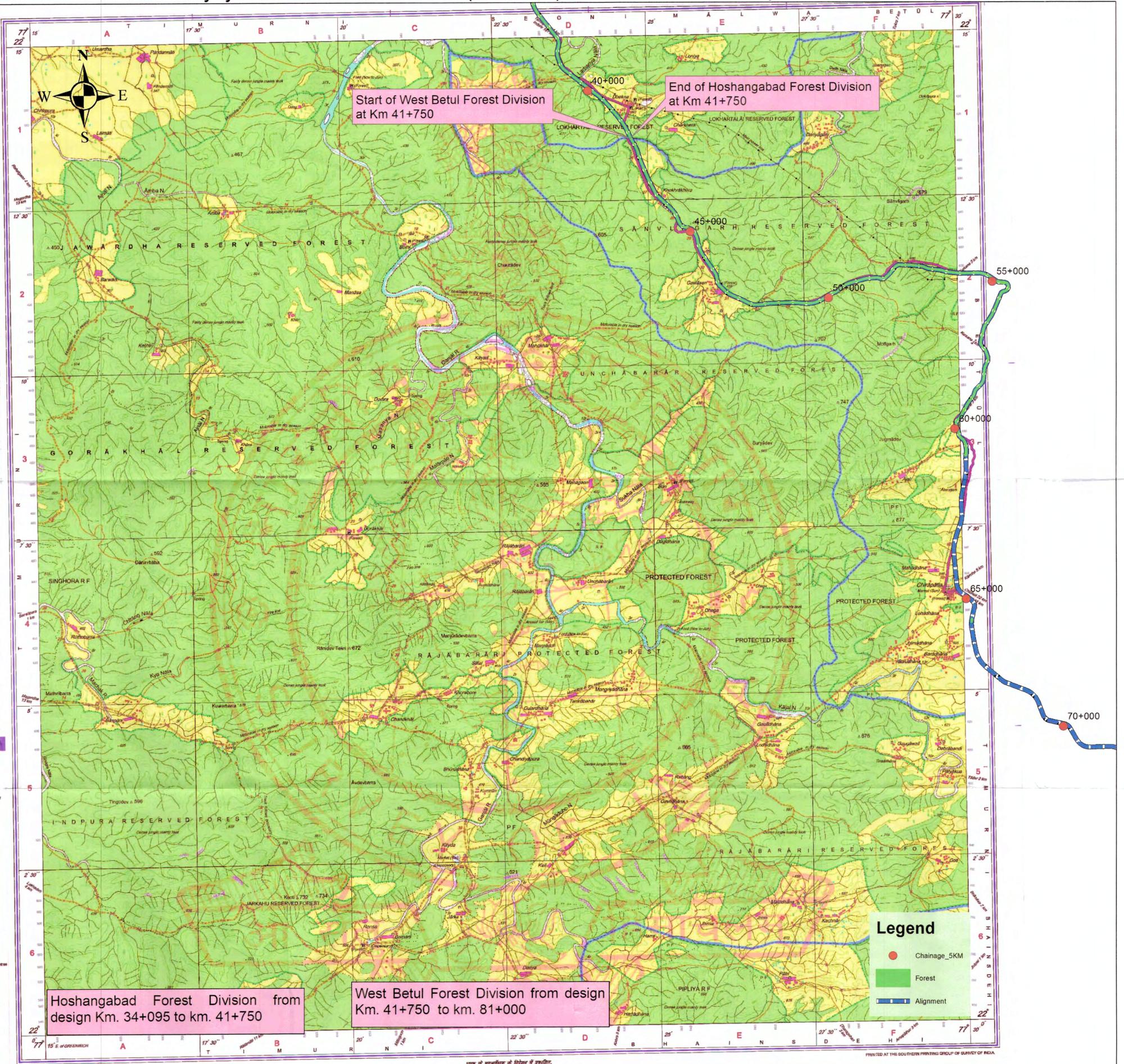
NOTES
Height in this map is above Indian mean sea level.
Contours are approximate.
A relative height, e.g., -20 represents the approximate height, in metres, between the top and bottom of a steep slope.

COMPLETION INDEX
A. Surveyed during 1975-77. Compiled major details from 1:25000 survey sheet 2634/03.

Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 1° West in 2005.
Decreasing by about 1" annually.

Scale 1:50,000
600 m to 1 cm
2 cm to 1 km
CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
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