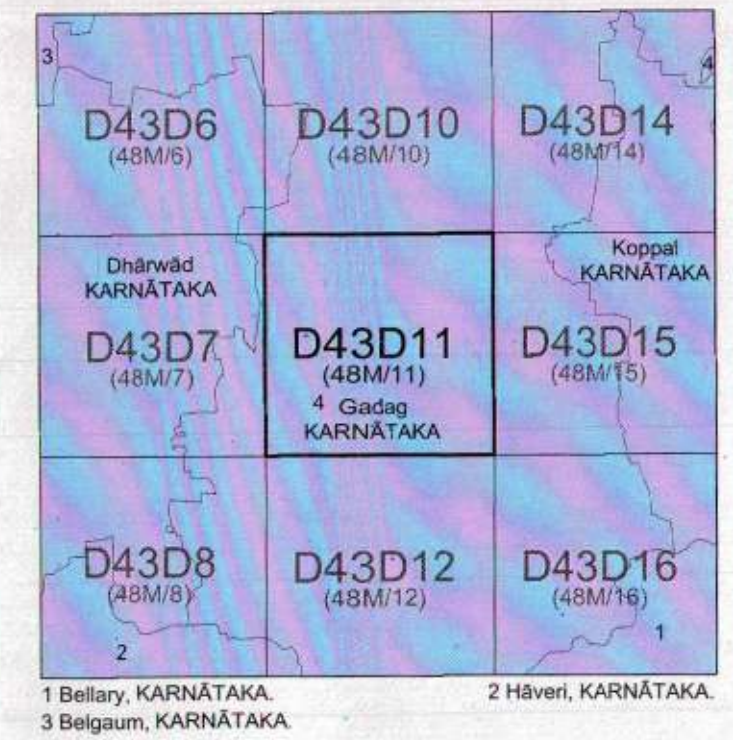
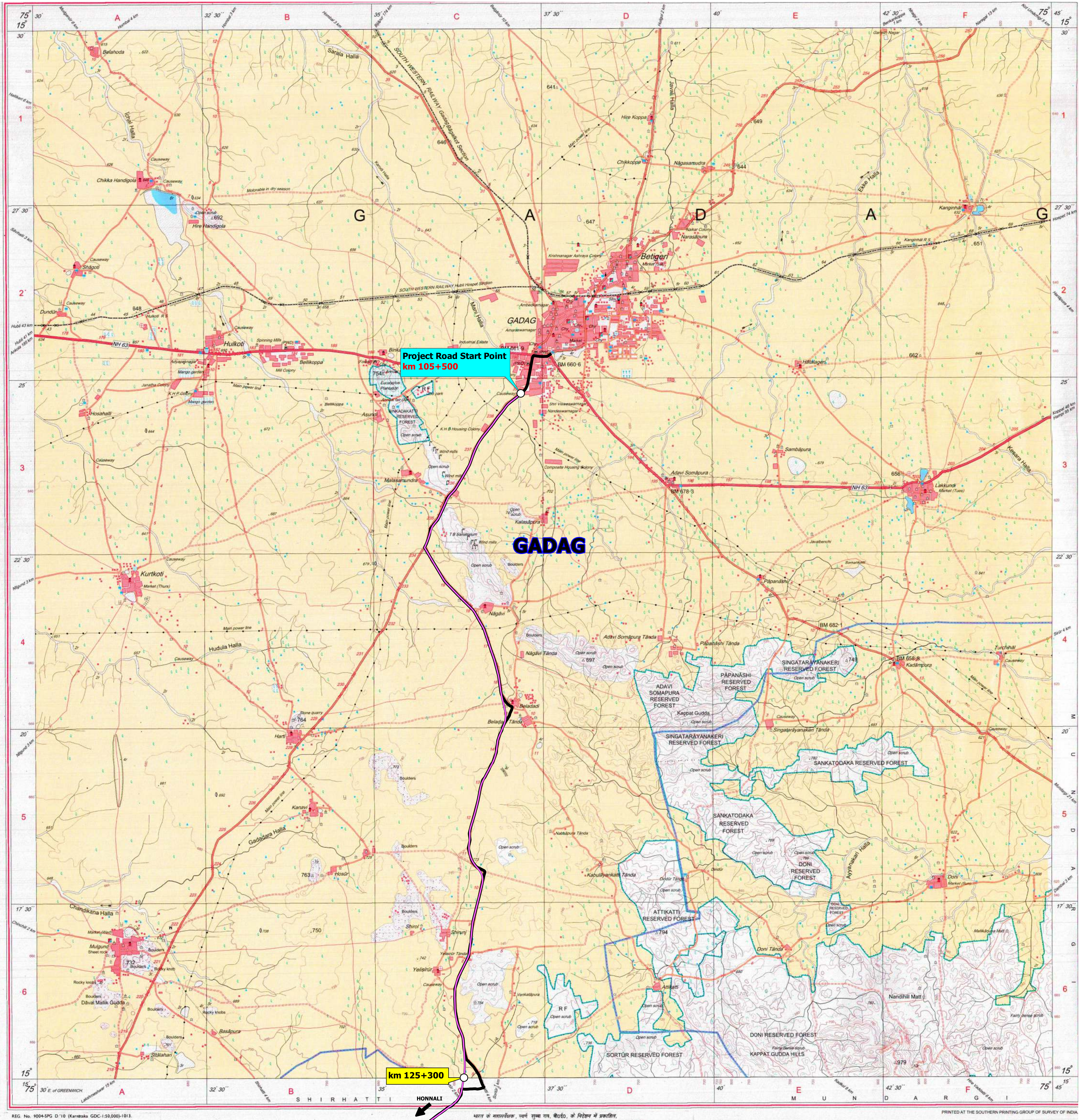




CONVENTIONAL SYMBOLS

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, earthenwork, 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, Kin, Cutting with tunnel	
Contours with sub-features, Rocky slopes, Cliffs	
Sand features (1) flat, (2) sand-hills(permanent), (3) dunes(shifting)	
Towns or Villages, inhabited, deserted, Fort	
Huts, permanent, temporary, Tower, Antiquities	
Temples, Chhatra, Church, Mosque, Igah, Tomb, Graves	
Lighthouses, Lightship, Buoy, lighted, unlighted, Anchorage	
Mine, Vine on trellis, Grass, Scrub	
Palms, palmyra, other, Plantain, Coffee, Bamboo, Other trees	
Areas, cultivated, wooded, Surveyed tree	
Boundary, international	
state, demarcated, undemarcated	
district, subdivision, taluk or taluk, forest	
Boundary pillars, surveyed, unlocated	
Heights, triangulated, station, point, approximate	
Benchmark, 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, Heliport, Tourist site	
Power line, with pylons surveyed, with poles unsurveyed	



Executive Engineer
Kship Division
Shimoge.

LEGEND

	Existing Centerline
	Proposed Centerline
	Forest area to be Diverted

PROJECT

Widening of Gadag - Honnali Road
(from Km 105.500 to Km 205.290 of SH 57 from Km 215.335 to Km 253.713 of SH26) 138.02 Km

CLIENT

Government of Karnataka
Public Works, Ports & IWT Department
Karnataka State Highways Improvement Project

No. D43D12
Scale 1:50,000

D43D7 (48M/7)	D43D11 (48M/11) Gadag KARNATAKA	D43D15 (48M/15)
D43D8 (48M/8)	D43D12 (48M/12)	D43D16 (48M/16)
D43J5 (48N/5) Haveri KARNATAKA	D43J9 (48N/9)	Bellary KARNATAKA D43J13 (48N/13) Davangere KARNATAKA

भारतीय सर्वेक्षण विभाग
SURVEY OF INDIA

1st Edition 2010. Price: Rs 103/-

CONVENTIONAL SYMBOLS

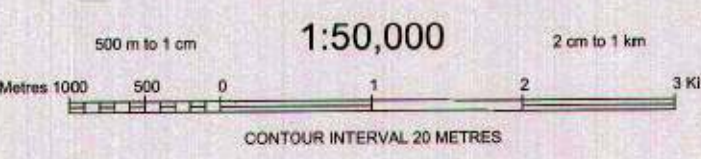
- Express highway, with toll, with bridge, with distance stone
Roads, metalled according to importance
Roads, double cartway, according to importance
Unmetalled road, Cart-track, Pack-track with pass, Foot-path
Streams, with track in bed, undefined, Canal
Dams, masonry or rock-filled, earthwork, Weir
River, dry with water channel, with island & rocks, Tidal river
Submerged rocks, Shoal, Swamp, Reeds
Wells, lined, unlined, Spring, Tanks, perennial, dry
Embankments, road or rail, tank, broken ground
Railways, broad gauge, double, single with station, under constr.
Railways, other gauges, double, single with distance stone, do
Mineral line or tramway, Kln. Cutting with tunnel
Contours with sub-features, Rocky slopes, Cliffs
Sand features: (1) Flat, (2) Sand-hills, (3) Dunes, (4) Shifting
Towns or Villages, inhabited, deserted, Fort
Huts, permanent, temporary, Tower, Antiquities
Tengris, Chhatris, Church, Mosque, Igloo, Tomb, Graves
Lighthouse, Lightship, Buoys, lighted, unlighted, Anchorage
Mine, Vire on trails, Grass, Scrub
Palms, palms, other, Plantain, Conifer, Bamboo, Other trees
Areas, cultivated, wooded, Surveyed tree
Boundary, International
State, demarcated, undemarcated
State, subdivision, taluk or taluk, forest
Boundary pillars, surveyed, uncollected
Height, triangulation station, point, approximate
Bench-mark, geodetic, tertiary, canal
Post office, Telegraph office, Overhead tank
Rail house or inspection bungalow, Guard 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

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.
Tanks, shown dry, in this area usually contain water from October to February.
Unmetalled roads are motorable and cart-track generally jeapable in dry season.
Tube-wells are numerous in this sheet, only important ones are shown.

COMPILATION INDEX
A. Surveyed during 2003-04.

Projection - UTM Datum - WGS 84

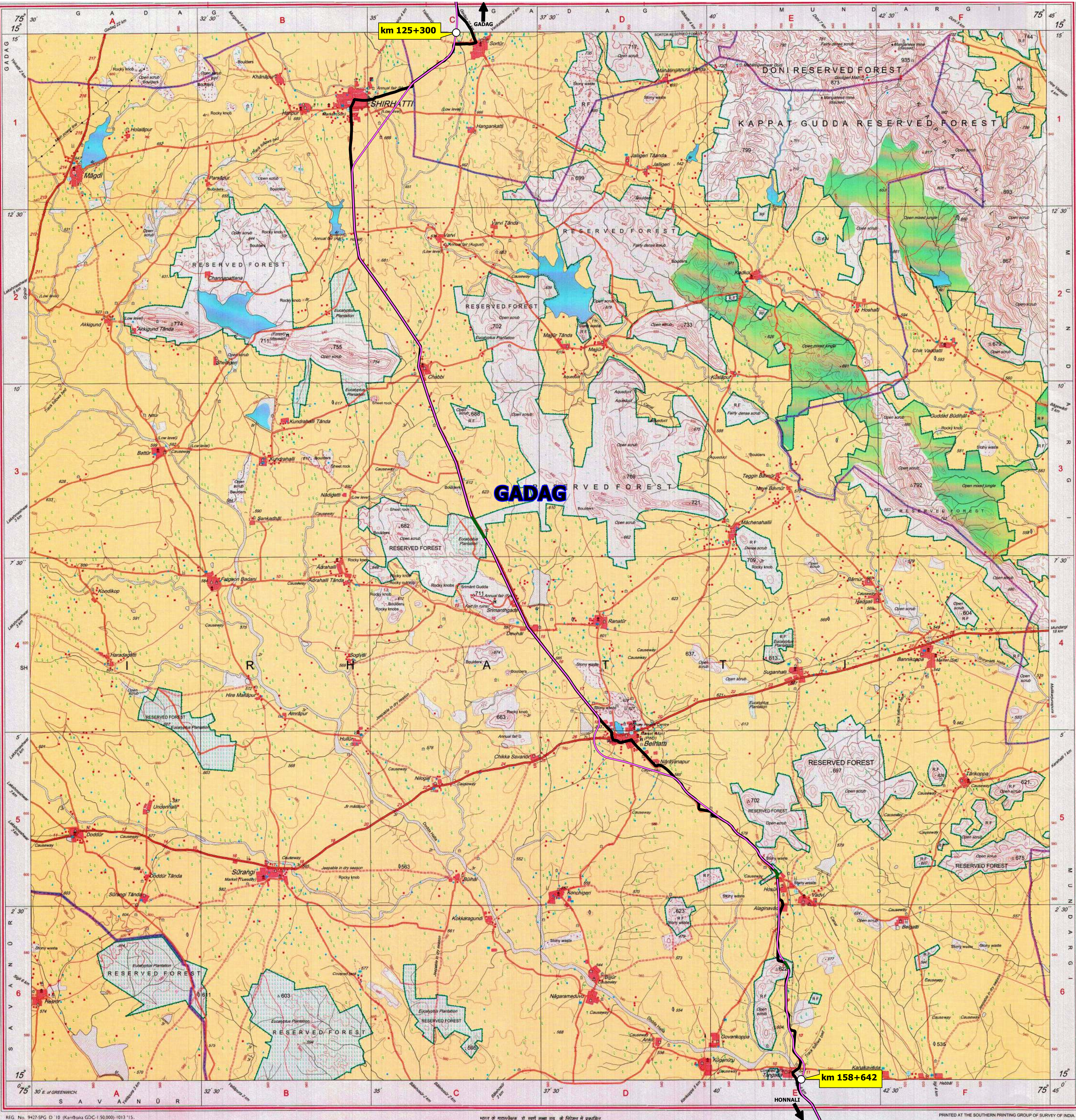
Magnetic Variation from True North about 1° West in 2005.
(Decreasing by about 1' annually)



For further details about this map, please contact
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Karnataka Geo-Spatial Data Centre,
Survey of India, Koramangala II block
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MAP SHOWING DIVERTED FOREST LAND AND
PROJECT ALIGNMENT ON SURVEY OF INDIA
TOPOSHEET IN 1:50000 SCALE

LEGEND

- Existing Centerline
- Proposed Centerline
- Forest area to be Diverted

PROJECT

Executive Engineer
KSHIP Division
Shimoga.

Widening of Gadag - Honnali Road
(from Km 105.500 to Km 205.290 of SH 57 from Km
215.335 to Km 253.713 of SH26) 138.02 Km

CLIENT

Government of Karnataka
Public Works, Ports & IWT Department
Karnataka State Highways Improvement Project



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OPEN SERIES
MAP

No. D43J9
Scale 1:50,000

D43D8 (48N/8)	Gadag KARNATAKA D43D12 (48N/12)	D43D16 (48N/16)
D43J5 (48N/5) Haveri KARNATAKA	D43J9 (48N/9)	D43J13 (48N/13) Davangere KARNATAKA
D43J6 (48N/6)	D43J10 (48N/10)	D43J14 (48N/14)
1 Shimoga, KARNATAKA	2 Koppal, KARNATAKA	

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2010. Price: Rs. 103/-

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; unfilled; 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; Tank; 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: Kin. Cutting with tunnel	---
Contours with sub-features. Rocky slopes. Cliffs	---
Sand features: (1) flat, (2) sand-hill (germanart), (3) dunes (shifting)	---
Towns or Villages: inhabited; deserted; Fort	---
Huts: permanent; temporary; Tower; Antiquities	---
Temple: Chhatra; Church; Mosque; Idgah; Tomb; Graves	---
Lighthouse; Lightship; Buoy; lighted; unlighted; Anchorage	---
Mine: Vm on trails; Grass; Scrub	---
Palms; palms; other; Plantain; Conifer; Bamboo; Other trees	---
Areas: cultivated; wooded; Surveyed tree	---
Boundary, international	---
state; demarcated; undemarcated	---
district; subdivision; tahsil or taluk; forest	---
Boundary pillars: surveyed; unlocated	---
Heights, triangulated; station; point; approximate	---
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Spaced names: administrative; locality or tribal	---
Hospital; Dispensary; Veterinary Hospital / Dispensary	---
Aerodrome; Helipad; Tourist site	---
Power line: with pylons surveyed; with poles unsurveyed	---

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g., 40' represents the approximate height, in metres, between the top and bottom of a steep slope.
Unmetalled roads are motorable and most of the cart-tracks are passable in dry season.
The kilometre stone numbers along roads are shown in short type, e.g., 1/2, whereas milestone numbers are shown in upright type, e.g., 37.
Tanks, shown dry in this area, usually contain water from July to December.

COMPILATION INDEX

A. Surveyed during 1975-76. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

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

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

CONTOUR INTERVAL 20 METRES

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Public Works, Ports & IWT Department
Karnataka State Highways Improvement Project

REG. No 9474 - SPT D 10 (Karnataka GDC-1:50,000-101315)

अभार के नक्शेबंदक हैं स्वर्ण सुभा राव के निदेशन में प्रकाशित।
Published under the direction of Dr. Swarna Subba Rao, Surveyor General of India.

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