



No. G45J16
Scale 1:50,000

G45J11 (72N11)	G45J15 (72N15)	G45K3 (78E3)
G45J12 (72N12)	G45J16 (72N16)	G45K4 (78E4)
G45P9 (72O9)	G45P13 (72O13)	G45Q1 (78E1)

1 Uttar Dinagpur, WEST BENGAL.
2 Kishanganj, BIHAR.

भारतीय सर्वेक्षण विभाग
SURVEY OF INDIA
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- 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, Paved road with pass, Foot-path
 - Stream, with bank in bed, underfoot, Canal
 - Canal, metalled or rock-lined, earthen, with, without
 - River, dry with water channel, with island & water, 'Waterless'
 - Submerged rocks, Shoal, Swamp, Reeds
 - Wells, lined, unlined, Tubewell, Spring, Tanks, perennial, dry
 - Enclaves: road or rail, tank, broken ground, under concrete
 - Railways, broad gauge, double; single with station, under concrete
 - Railways, other gauges, double, single with distance stone, do.
 - Mineral line or tramway, Kib, Cutting with tunnel
 - Canals with sub-divisions, Road, Water, Off, with
 - Signal stations (T.M.) (Open-air) (Open-air) (Open-air) (Open-air)
 - Towers or Villages (inhabited), deserted, Fort
 - Huts, permanent, temporary, Tower, Adultery
 - Temples, Church, Mosque, Light, Tomb, Graves
 - Lighthouses, Lightship, Buoy, light, unlighted, Anchorage
 - Mine, View on India, Green, Brown
 - Palms, palm-tree, other, Plantain, Coffee, Rubber, other trees
 - Areas cultivated, wooded, surveyed, not
 - Boundary, international
 - State demarcated, undemarcated
 - Boundary pillars, surveyed, unlocated
 - district subdivision, taluk or taluk forest
 - Height, triangulation, station, point, synchro, A.200, B.M.693, etc.
 - Reconnaissance, geodetic, levelling, canal
 - Post office, Telegraph office, Overhead tank
 - Post house or inspection bungalow, Canal house, Police station
 - Camping ground, Forest reserved, protected
 - Survey names, administrative, locality or tribal
 - Hospital, Dispensary, Veterinary, Hospital / Dispensary
 - Airfield, Airstrip, Aerodrome, Airport
 - Power line, with pylons surveyed, with poles unsurveyed

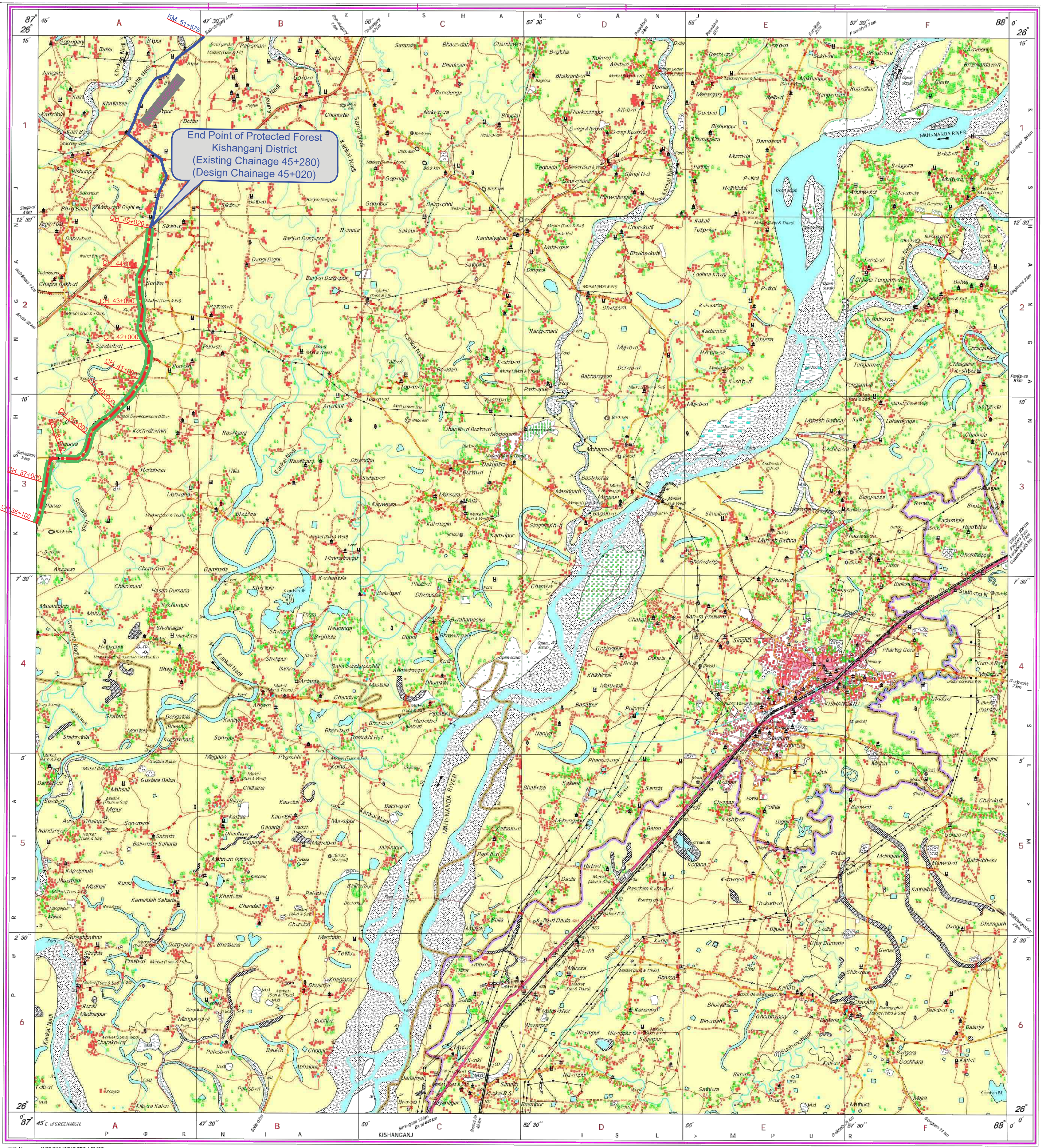
REFERENCES
N.P. 37 National Highway No. 37. N.P. 37 Northwest Frontier Railway.

NOTES :-
Heights and Contours have not been shown.
A relative height, e.g., 100, represents the approximate height, in metres, between the top and bottom of a hill slope.
Wells are numerous throughout the sheet, only the important ones have been shown.
The state boundary between Bihar and West Bengal States has been surveyed as pointed out by the local officials on the ground, but has not been verified by the Survey of India.

COMPILED INDEX
A. Compiled from 1:25,000 survey, 1960-62. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 1° West in 2005.
(Annual change negligible).
Scale 1:50,000
500 m to 1 cm
1:50,000
2 cm to 1 km
For further details about this map please contact
West Bengal & Sikkim Geo-Spatial Data Centre
Survey of India, 13, Wood Street
Kolkata.

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LEGENDS	
PROPOSED ALIGNMENT	Blue line
PROTECTED FOREST	Green shaded area

A
09/11/2011
DUM (Tech.), BSRDEL
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LEGENDS
PROPOSED ALIGNMENT

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