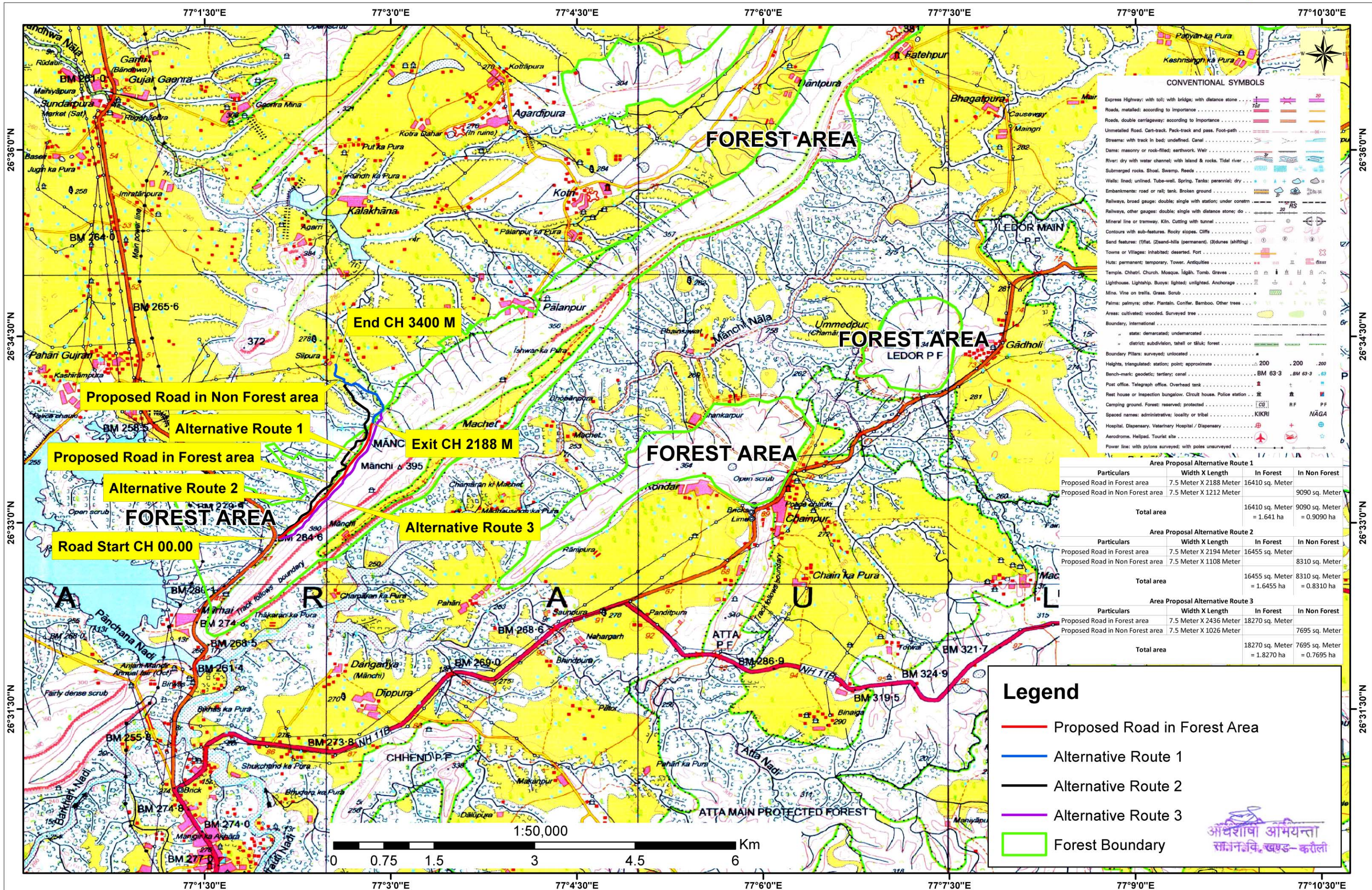


ALTERNATIVE ROUTE MAP SHOWING GEO-REFERENCE SURVEY OF INDIA TOPOSHEET WITH FOREST AREA BOUNDARY AND PROPOSED ROAD ALIGNMENT

"Construction of Road from Approach Road SH-22 to Silpur Km 0/0 to 3/400 (Applied Area 1.641 ha)"

Proposal No. : FP/RJ/ROAD/36870/2018

Part of Toposheet no. 54 F/2



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 and 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; Tube-well; 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 (permanent), (3)dunes (shifting)	
Towns or Villages: inhabited; deserted; Fort	
Huts: permanent; temporary; Tower, Antiquities	
Temple, Chhatra, Church, Mosque, Idgah, Tomb, Graves	
Lighthouse, Lightship, Buoys: lighted; unlighted; Anchorage	
Mine, Vine on trails, Grass, Scrub	
Palms: palmyra; 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	
Bench-mark: 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	

Area Proposal Alternative Route 1			
Particulars	Width X Length	In Forest	In Non Forest
Proposed Road in Forest area	7.5 Meter X 2188 Meter	16410 sq. Meter	
Proposed Road in Non Forest area	7.5 Meter X 1212 Meter		9090 sq. Meter
<b>Total area</b>		16410 sq. Meter = 1.641 ha	9090 sq. Meter = 0.9090 ha

Area Proposal Alternative Route 2			
Particulars	Width X Length	In Forest	In Non Forest
Proposed Road in Forest area	7.5 Meter X 2194 Meter	16455 sq. Meter	
Proposed Road in Non Forest area	7.5 Meter X 1108 Meter		8310 sq. Meter
<b>Total area</b>		16455 sq. Meter = 1.6455 ha	8310 sq. Meter = 0.8310 ha

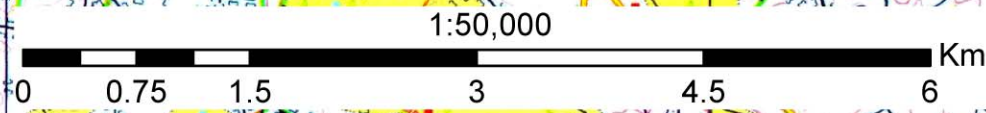
  

Area Proposal Alternative Route 3			
Particulars	Width X Length	In Forest	In Non Forest
Proposed Road in Forest area	7.5 Meter X 2436 Meter	18270 sq. Meter	
Proposed Road in Non Forest area	7.5 Meter X 1026 Meter		7695 sq. Meter
<b>Total area</b>		18270 sq. Meter = 1.8270 ha	7695 sq. Meter = 0.7695 ha

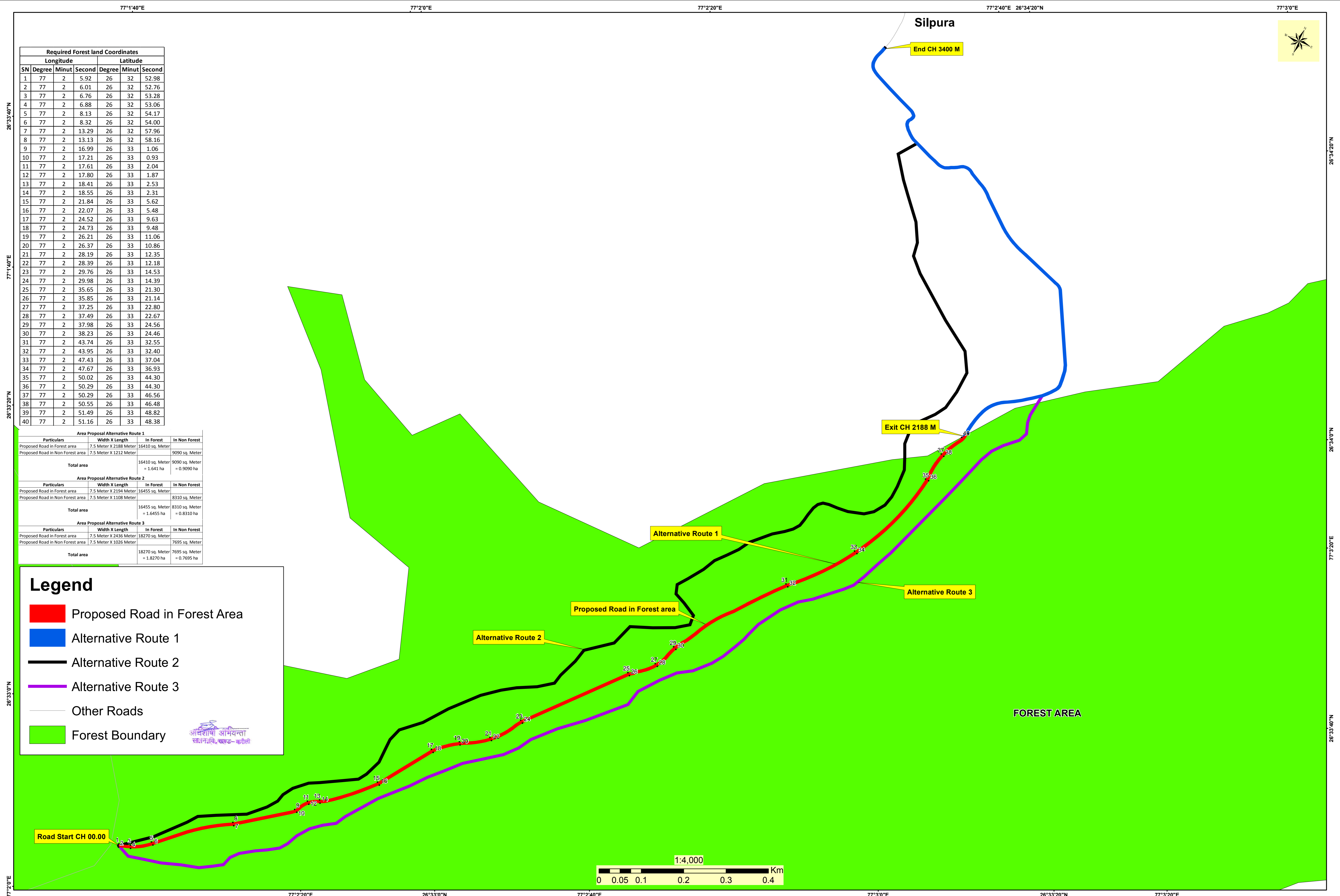
**Legend**

- Proposed Road in Forest Area
- Alternative Route 1
- Alternative Route 2
- Alternative Route 3
- Forest Boundary

अधिकांश आभियन्ता  
साधनवि, खण्ड- करौली



**ALTERNATIVE ROUTE MAP SHOWING DIGITAL MAP OF REQUIRED FOREST LAND COORDINATES OF PROPOSED ROAD ALIGNMENT**  
**"Construction of Road from Approach Road SH-22 to Silpur Km 0/0 to 3/400 (Applied Area 1.641 ha )"**  
**Proposal No. : FP/RJ/ROAD/36870/2018**



Required Forest land Coordinates						
SN	Longitude	Latitude				
	Degree	Minut	Second	Degree	Minut	Second
1	77	2	5.92	26	32	52.98
2	77	2	6.01	26	32	52.76
3	77	2	6.76	26	32	53.28
4	77	2	6.88	26	32	53.06
5	77	2	8.13	26	32	54.17
6	77	2	8.32	26	32	54.00
7	77	2	13.29	26	32	57.96
8	77	2	13.13	26	32	58.16
9	77	2	16.99	26	33	1.06
10	77	2	17.21	26	33	0.93
11	77	2	17.61	26	33	2.04
12	77	2	17.80	26	33	1.87
13	77	2	18.41	26	33	2.53
14	77	2	18.55	26	33	2.31
15	77	2	21.84	26	33	5.62
16	77	2	22.07	26	33	5.48
17	77	2	24.52	26	33	9.63
18	77	2	24.73	26	33	9.48
19	77	2	26.21	26	33	11.06
20	77	2	26.37	26	33	10.86
21	77	2	28.19	26	33	12.35
22	77	2	28.39	26	33	12.18
23	77	2	29.76	26	33	14.53
24	77	2	29.98	26	33	14.39
25	77	2	35.65	26	33	21.30
26	77	2	35.85	26	33	21.14
27	77	2	37.25	26	33	22.80
28	77	2	37.49	26	33	22.67
29	77	2	37.98	26	33	24.56
30	77	2	38.23	26	33	24.46
31	77	2	43.74	26	33	32.55
32	77	2	43.95	26	33	32.40
33	77	2	47.43	26	33	37.04
34	77	2	47.67	26	33	36.93
35	77	2	50.02	26	33	44.30
36	77	2	50.29	26	33	44.30
37	77	2	50.29	26	33	46.56
38	77	2	50.55	26	33	46.48
39	77	2	51.49	26	33	48.82
40	77	2	51.16	26	33	48.38

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Proposed Road in Forest area	7.5 Meter X 2188 Meter	16410 sq. Meter	
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<b>Total area</b>		16410 sq. Meter = 1.641 ha	9090 sq. Meter = 0.9090 ha

Area Proposal Alternative Route 2			
Particulars	Width X Length	In Forest	In Non Forest
Proposed Road in Forest area	7.5 Meter X 2194 Meter	16455 sq. Meter	
Proposed Road in Non Forest area	7.5 Meter X 1108 Meter		8310 sq. Meter
<b>Total area</b>		16455 sq. Meter = 1.6455 ha	8310 sq. Meter = 0.8310 ha

Area Proposal Alternative Route 3			
Particulars	Width X Length	In Forest	In Non Forest
Proposed Road in Forest area	7.5 Meter X 2436 Meter	18270 sq. Meter	
Proposed Road in Non Forest area	7.5 Meter X 1026 Meter		7695 sq. Meter
<b>Total area</b>		18270 sq. Meter = 1.8270 ha	7695 sq. Meter = 0.7695 ha

**Legend**

- Proposed Road in Forest Area
- Alternative Route 1
- Alternative Route 2
- Alternative Route 3
- Other Roads
- Forest Boundary

