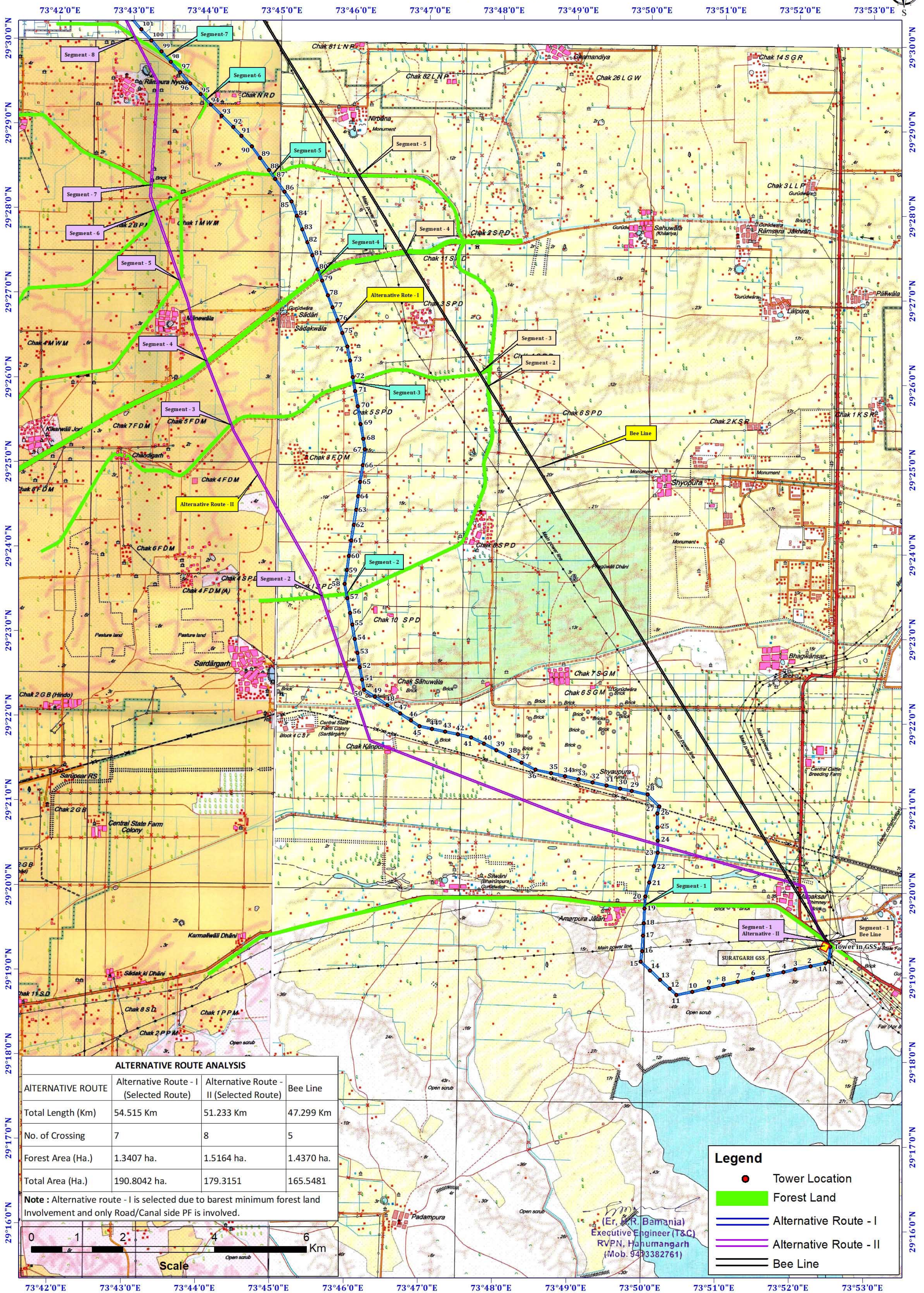
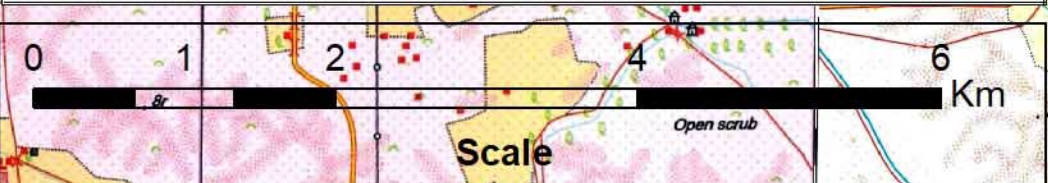




ALTERNATIVE ROUTE ANALYSIS

ALTERNATIVE ROUTE	Alternative Route - I (Selected Route)	Alternative Route - II (Selected Route)	Bee Line
Total Length (Km)	54.515 Km	51.233 Km	47.299 Km
No. of Crossing	7	8	5
Forest Area (Ha.)	1.3407 ha.	1.5164 ha.	1.4370 ha.
Total Area (Ha.)	190.8042 ha.	179.3151	165.5481

Note : Alternative route - I is selected due to barest minimum forest land Involvement and only Road/Canal side PF is involved.

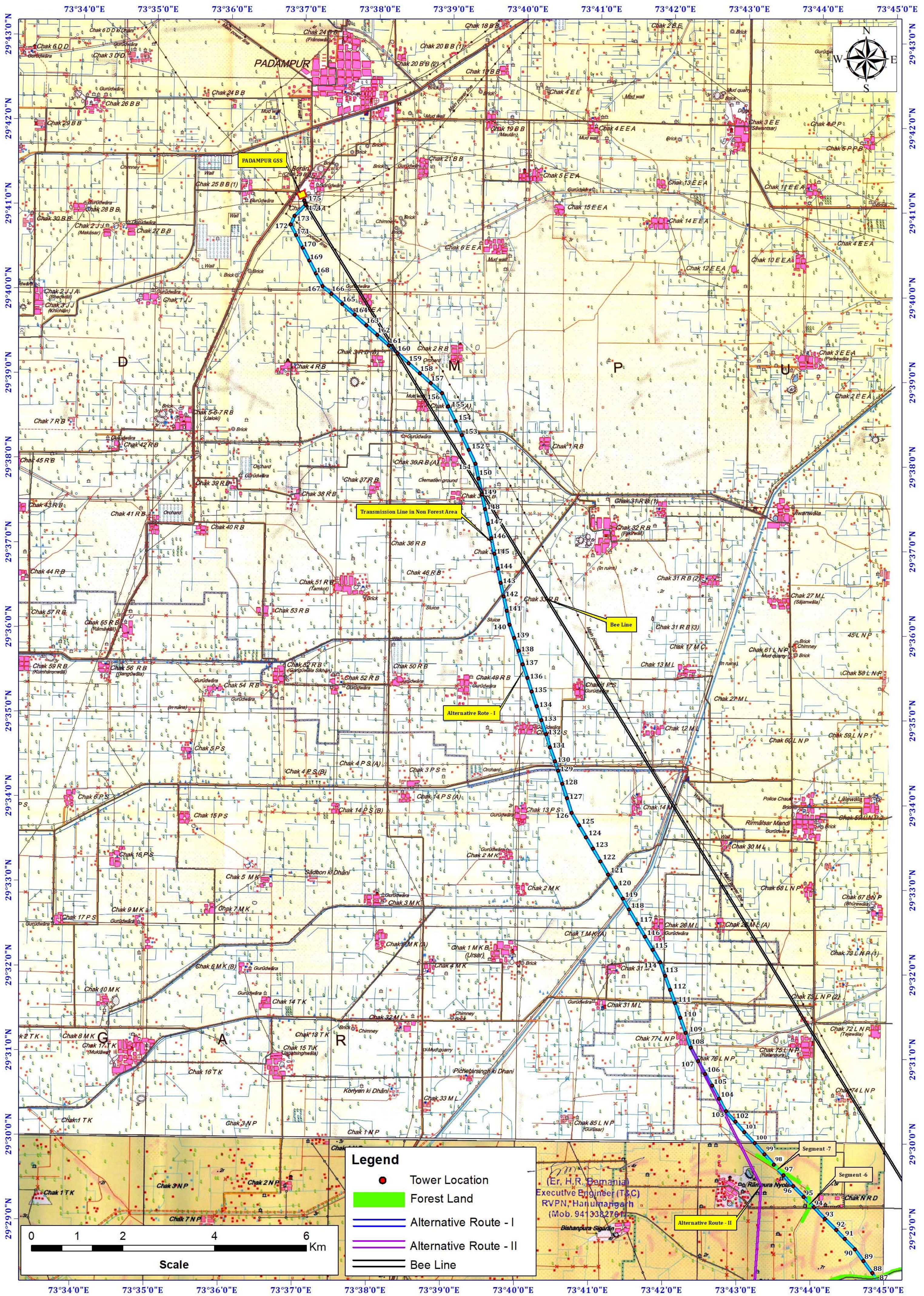


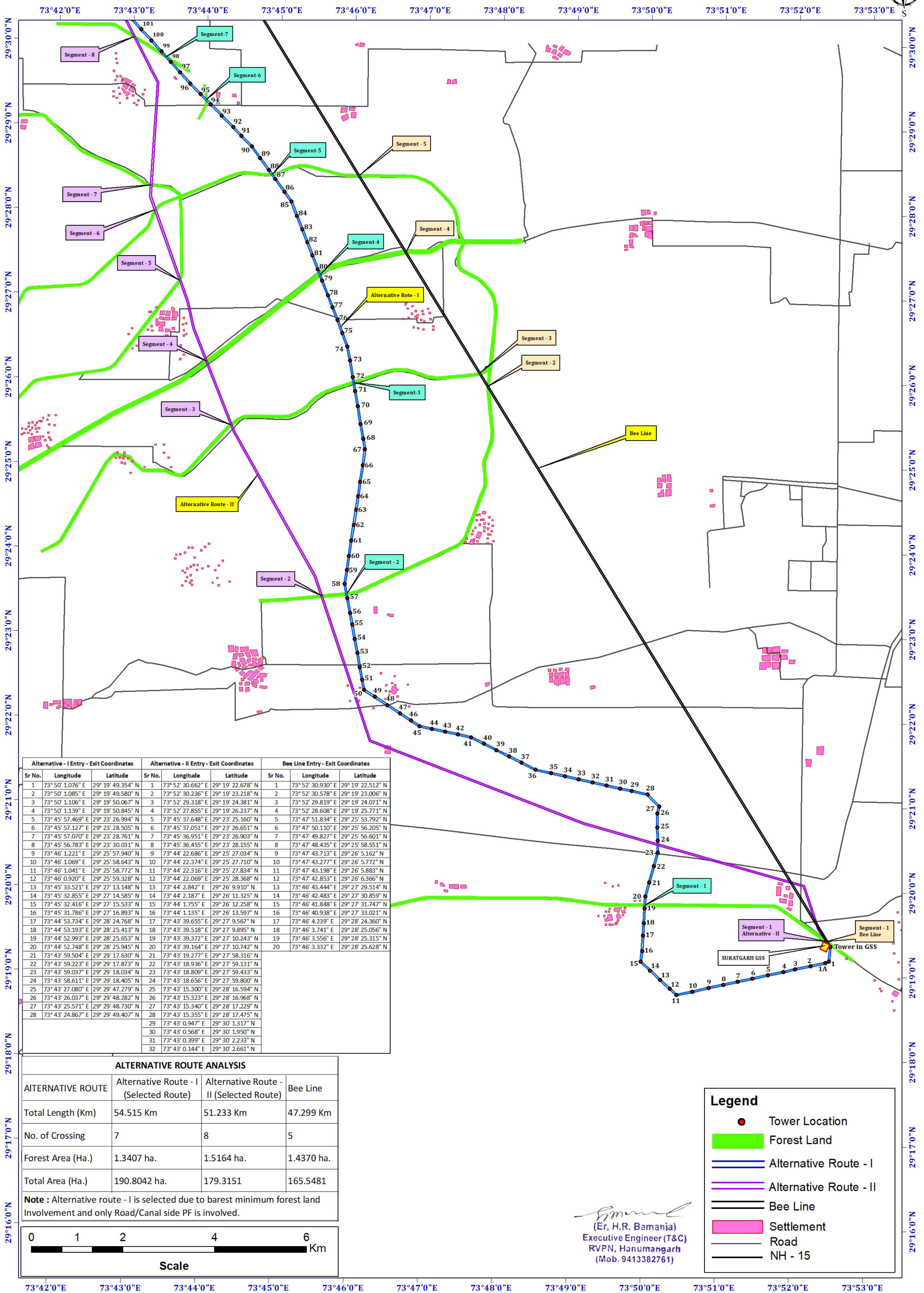
Legend

- Tower Location
- Forest Land
- Alternative Route - I
- Alternative Route - II
- Bee Line

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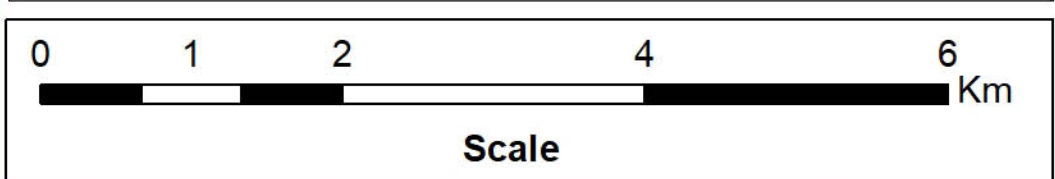
MAP SHOWING ALTERNATIVE ROUTES TOPOSHEET MAP OF PROPOSED 220 KV S/C TRANSMISSION LINE AND REQUIRED FOREST LAND
Project Name : - Construction of 220 KV S/C Suratgarh - Padampur Transmission Line, District-Sri Ganganagar (Raj.)
Proposal No. : FP/RJ/TRANS/30091/2017 (Area -1.3407 Ha.)





Alternative - I Entry - Exit Coordinates			Alternative - II Entry - Exit Coordinates			Bee Line Entry - Exit Coordinates		
Sr No.	Longitude	Latitude	Sr No.	Longitude	Latitude	Sr No.	Longitude	Latitude
1	73° 50' 1.076" E	29° 19' 49.354" N	1	73° 52' 30.662" E	29° 19' 22.678" N	1	73° 52' 30.930" E	29° 19' 22.512" N
2	73° 50' 1.085" E	29° 19' 49.580" N	2	73° 52' 30.236" E	29° 19' 23.218" N	2	73° 52' 30.578" E	29° 19' 23.006" N
3	73° 50' 1.106" E	29° 19' 50.067" N	3	73° 52' 29.318" E	29° 19' 24.381" N	3	73° 52' 29.819" E	29° 19' 24.071" N
4	73° 50' 1.139" E	29° 19' 50.845" N	4	73° 52' 27.855" E	29° 19' 26.237" N	4	73° 52' 28.608" E	29° 19' 25.771" N
5	73° 45' 57.469" E	29° 23' 26.994" N	5	73° 45' 37.648" E	29° 23' 25.160" N	5	73° 47' 51.834" E	29° 25' 53.792" N
6	73° 45' 57.127" E	29° 23' 28.505" N	6	73° 45' 37.051" E	29° 23' 26.651" N	6	73° 47' 50.110" E	29° 25' 56.205" N
7	73° 45' 57.070" E	29° 23' 28.761" N	7	73° 45' 36.951" E	29° 23' 26.903" N	7	73° 47' 49.827" E	29° 25' 56.601" N
8	73° 45' 56.783" E	29° 23' 30.031" N	8	73° 45' 36.455" E	29° 23' 28.155" N	8	73° 47' 48.435" E	29° 25' 58.551" N
9	73° 46' 1.221" E	29° 25' 57.940" N	9	73° 44' 22.686" E	29° 25' 27.034" N	9	73° 47' 43.713" E	29° 26' 5.162" N
10	73° 46' 1.069" E	29° 25' 58.643" N	10	73° 44' 22.374" E	29° 25' 27.710" N	10	73° 47' 43.277" E	29° 26' 5.772" N
11	73° 46' 1.041" E	29° 25' 58.772" N	11	73° 44' 22.316" E	29° 25' 27.834" N	11	73° 47' 43.198" E	29° 26' 5.883" N
12	73° 46' 0.920" E	29° 25' 59.328" N	12	73° 44' 22.069" E	29° 25' 28.368" N	12	73° 47' 42.853" E	29° 26' 6.366" N
13	73° 45' 33.521" E	29° 27' 13.148" N	13	73° 44' 2.842" E	29° 26' 9.910" N	13	73° 46' 43.444" E	29° 27' 29.514" N
14	73° 45' 32.855" E	29° 27' 14.585" N	14	73° 44' 2.187" E	29° 26' 11.325" N	14	73° 46' 42.483" E	29° 27' 30.859" N
15	73° 45' 32.416" E	29° 27' 15.533" N	15	73° 44' 1.755" E	29° 26' 12.258" N	15	73° 46' 41.848" E	29° 27' 31.747" N
16	73° 45' 31.786" E	29° 27' 16.893" N	16	73° 44' 1.135" E	29° 26' 13.597" N	16	73° 46' 40.938" E	29° 27' 33.021" N
17	73° 44' 53.734" E	29° 28' 24.768" N	17	73° 43' 39.655" E	29° 27' 9.567" N	17	73° 46' 4.239" E	29° 28' 24.360" N
18	73° 44' 53.193" E	29° 28' 25.413" N	18	73° 43' 39.518" E	29° 27' 9.895" N	18	73° 46' 3.741" E	29° 28' 25.056" N
19	73° 44' 52.993" E	29° 28' 25.653" N	19	73° 43' 39.372" E	29° 27' 10.243" N	19	73° 46' 3.556" E	29° 28' 25.315" N
20	73° 44' 52.748" E	29° 28' 25.945" N	20	73° 43' 39.164" E	29° 27' 10.742" N	20	73° 46' 3.332" E	29° 28' 25.628" N
21	73° 43' 59.504" E	29° 29' 17.630" N	21	73° 43' 19.277" E	29° 27' 58.316" N			
22	73° 43' 59.223" E	29° 29' 17.873" N	22	73° 43' 18.936" E	29° 27' 59.131" N			
23	73° 43' 59.037" E	29° 29' 18.034" N	23	73° 43' 18.809" E	29° 27' 59.433" N			
24	73° 43' 58.611" E	29° 29' 18.405" N	24	73° 43' 18.656" E	29° 27' 59.800" N			
25	73° 43' 27.080" E	29° 29' 47.279" N	25	73° 43' 15.300" E	29° 28' 16.594" N			
26	73° 43' 26.037" E	29° 29' 48.282" N	26	73° 43' 15.323" E	29° 28' 16.968" N			
27	73° 43' 25.571" E	29° 29' 48.730" N	27	73° 43' 15.340" E	29° 28' 17.229" N			
28	73° 43' 24.867" E	29° 29' 49.407" N	28	73° 43' 15.355" E	29° 28' 17.475" N			
			29	73° 43' 0.947" E	29° 30' 1.317" N			
			30	73° 43' 0.568" E	29° 30' 1.950" N			
			31	73° 43' 0.399" E	29° 30' 2.233" N			
			32	73° 43' 0.144" E	29° 30' 2.661" N			

ALTERNATIVE ROUTE ANALYSIS			
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RVPN, Hanumangarh
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- Legend**
- Tower Location
 - Forest Land
 - Alternative Route - I
 - Alternative Route - II
 - Bee Line
 - Settlement
 - Road
 - NH - 15

MAP SHOWING ALTERNATIVE ROUTES DIGITAL MAP OF PROPOSED 220 KV S/C TRANSMISSION LINE AND REQUIRED FOREST LAND
Project Name : - Construction of 220 KV S/C Suratgarh - Padampur Transmission Line, District-Sri Ganganagar (Raj.)
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