INDEX MAP SHOWING DGPS SURVEYED FOREST AREAS PROPOSED FOR DIVERSION FOR WIDENING FROM TWO LANE TO TWO LANE WITH PAVED SHOULDER FROM 269/300 KM TO 328/200 KM. INCLUDING KUCHINDA BYPASS OF N.H-49 (JHARSUGUDA TO BHOJPUR SECTION) COMING UNDER BAMRA WILDLIFE DIVISION, SAMBALPUR DISTRICT.

SCALE-1:18,000

DERIVED CO-ORDINATES OF VILLAGE FOREST POINT
(CH- 302-750 TO 307-500 KM. & CH-313-800 TO 325-800KM.)

SL.NO	POINT ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	FO.1	226818.001	2404916.456	E84° 21' 32.890"	N21° 43' 36.373"
2	FO.2	226830.622	2404901.442	E84° 21' 33.337"	N21° 43' 35.892"
3	FO.3	226846.213	2404922.343	E84° 21' 33.867"	N21° 43' 36.580"
4	FO.4	226857.829	2404908.713	E84° 21' 34.279"	N21° 43' 36.144"
5	FO.5	226856.233	2404873.290	E84° 21' 34.245"	N21° 43' 34.992"
6	FO.6	226881.774	2404885.099	E84° 21' 35.126"	N21° 43' 35.390"
7	FO.7	226896.855	2404870.348	E84° 21' 35.659"	N21° 43' 34.919"
8	FO.8	226878.458	2404849.901	E84° 21' 35.031"	N21° 43' 34.244"
9	FO.9	226894.545	2404833.497	E84° 21' 35.601"	N21° 43' 33.720"
10	FO.10	226915.244	2404851.166	E84° 21' 36.310"	N21° 43' 34.306"
11	FO.11	226940.776	2404825.633	E84° 21' 37.213"	N21° 43' 33.490"
12	FO.12	226918.569	2404807.779	E84° 21' 36.451"	N21° 43' 32.898"
13	FO.13	226954.733	2404810.750	E84° 21' 37.707"	N21° 43' 33.014"
14	FO.14	226942.488	2404782.167	E84° 21' 37.298"	N21° 43' 32.079"
15	FO.15	226987.144	2404773.246	E84° 21' 38.856"	N21° 43' 31.814"
16	FO.16	226962.808	2404758.037	E84° 21' 38.019"	N21° 43' 31.306"
17	FO.17	226976.037	2404743.115	E84° 21' 38.488"	N21° 43' 30.829"
18	FO.18	227012.147	2404744.208	E84° 21' 39.743"	N21° 43' 30.884"
19	FO.19	226997.309	2404718.456	E84° 21' 39.242"	N21° 43' 30.039"
20	FO.20	227030.999	2404724.496	E84° 21' 40.410"	N21° 43' 30.254"
21	FO.21	227016.042	2404699.194	E84° 21' 39.905"	N21° 43' 29.424"
22	FO.22	227042.077	2404670.936	E84° 21' 40.827"	N21° 43' 28.520"
23	FO.23	227053.158	2404697.972	E84° 21' 41.196"	N21° 43' 29.405"
24	FO.24	227085.173	2404663.973	E84° 21' 42.330"	N21° 43' 28.318"
25	FO.25	227060.915	2404649.452	E84° 21' 41.495"	N21° 43' 27.833"
26	FO.26	227081.024	2404625.005	E84° 21' 42.209"	N21° 43' 27.049"
27	FO.27	227110.803	2404636.211	E84° 21' 43.238"	N21° 43' 27.430"
28	FO.28	227128.186	2404618.510	E84° 21' 43.852"	N21° 43' 26.865"
29	FO.29	227135.647	2404611.764	E84° 21' 44.116"	N21° 43' 26.649"
30	FO.30	227094.041	2404611.246	E84° 21' 42.669"	N21° 43' 26.610"
31	FO.31	227106.847	2404595.583	E84° 21' 43.124"	N21° 43' 26.108"
32	FO.32	227122.816	2404576.089	E84° 21' 43.691"	N21° 43' 25.483"
33	FO.33	227147.157	2404594.222	E84° 21' 44.527"	N21° 43' 26.086"
34	FO.34	227156.682	2404581.204	E84° 21' 44.865"	N21° 43' 25.668"
35	FO.35	227166.921	2404566.678	E84° 21' 45.230"	N21° 43' 25.202"
36	FO.36	227166.423	2404528.149	E84° 21' 45.236"	N21° 43' 23.950"
37	FO.37	227180.653	2404550.248	E84° 21' 45.717"	N21° 43' 24.676"
38	FO.38	227188.194	2404538.659	E84° 21' 45.986"	N21° 43' 24.303"
39	FO.39	227206.609	2404514.767	E84° 21' 46.641"	N21° 43' 23.537"
40	FO.40	227227.405	2404485.319	E84° 21' 47.382"	N21° 43' 22.592"
41	FO.41	227197.527	2404487.793	E84° 21' 46.341"	N21° 43' 22.656"
42	FO.42	227217.076	2404461.699	E84° 21' 47.036"	N21° 43' 21.819"
43	FO.43	227242.010	2404469.682	E84° 21' 47.899"	N21° 43' 22.092"
44	FO.44	227243.994	2404464.761	E84° 21' 47.971"	N21° 43' 21.933"
45	FO.45	227233.041	2404443.196	E84° 21' 47.603"	N21° 43' 21.226"
46	FO.46	227246.614	2404461.189	E84° 21' 48.064"	N21° 43' 21.819"
47	FO.47	227259.711	2404444.758	E84° 21' 48.529"	N21° 43' 21.292"
48	FO.48	227243.030	2404429.702	E84° 21' 47.958"	N21° 43' 20.794"
49	FO.49	227266.696	2404434.598	E84° 21' 48.778"	N21° 43' 20.966"
50	FO.50	227290.508	2404403.563	E84° 21' 49.624"	N21° 43' 19.971"
51	FO.51	227260.227	2404408.734	E84° 21' 48.568"	N21° 43' 20.122"
52	FO.52	227273.060	2404393.124	E84° 21' 49.024"	N21° 43' 19.622"
53	FO.53	227284.701	2404377.712	E84° 21' 49.438"	N21° 43' 19.127"
54	FO.54	227304.716	2404385.465	E84° 21' 50.129"	N21° 43' 19.390"
55	FO.55	227285.694	2404375.000	E84° 21' 49.474"	N21° 43' 19.040"
56	FO.56	227321.385	2404363.240	E84° 21' 50.722"	N21° 43' 18.678"
57	FO.57	227307.456	2404346.557	E84° 21' 50.247"	N21° 43' 18.128"
58	FO.58	227333.926	2404345.301	E84° 21' 51.169"	N21° 43' 18.102"
59	FO.59	227323.529	2404324.332	E84° 21' 50.819"	N21° 43' 17.415"
60	FO.60	227347.976	2404324.505	E84° 21' 51.669"	N21° 43' 17.434"
61	FO.61	227336.692	2404304.290	E84° 21' 51.289"	N21° 43' 16.771"
62	FO.62	227361.469	2404307.836	E84° 21' 52.148"	N21° 43' 16.900"
63	FO.63	227363.930	2404302.915	E84° 21' 52.237"	N21° 43' 16.741"
64	FO.64	227340.517	2404296.928	E84° 21' 51.426"	N21° 43' 16.534"
65	FO.65	227367.502	2404301.010	E84° 21' 52.362"	N21° 43' 16.681"
66	FO.66	227389.013	2404274.975	E84° 21' 53.126"	N21° 43' 15.847"
67	FO.67	227401.554	2404258.623	E84° 21' 53.571"	N21° 43' 15.323"
68	FO.68	227411.952	2404243.542	E84° 21' 53.942"	N21° 43' 14.839"
69	FO.69	227429.812	2404218.777	E84° 21' 54.578"	N21° 43' 14.044"
70	FO.70	227419.914	2404190.947	E84° 21' 54.250"	N21° 43' 13.134"
71	FO.71	227444.178	2404197.425	E84° 21' 55.090"	N21° 43' 13.358"
72	FO.72	227431.661	2404177.152	E84° 21' 54.667"	N21° 43' 12.692"
73	FO.73	227449.655	2404189.250	E84° 21' 55.285"	N21° 43' 13.095"
74	FO.74	227442.311	2404162.864	E84° 21' 55.045"	N21° 43' 12.234"
75	FO.75	227463.784	2404172.660	E84° 21' 55.786"	N21° 43' 12.564"
76	FO.76	227483.548	2404150.038	E84° 21' 56.487"	N21° 43' 11.840"
77	FO.77	227453.754	2404147.783	E84° 21' 55.452"	N21° 43' 11.750"
78	FO.78	227465.131	2404132.966	E84° 21' 55.857"	N21° 43' 11.275"
79	FO.79	227493.709	2404136.068	E84° 21' 56.848"	N21° 43' 11.392"
80	FO.80	227475.582	2404119.538	E84° 21' 56.228"	N21° 43' 10.845"
81	FO.81	227474.762	2404117.735	E84° 21' 56.200"	N21° 43' 10.786"
82	FO.82	227507.837	2404113.923	E84° 21' 57.353"	N21° 43' 10.680"
83	FO.83	227520.140	2404097.889	E84° 21' 57.790"	N21° 43' 10.166"
84	FO.84	227509.244	2404071.708	E84° 21' 57.427"	N21° 43' 9.309"
85	FO.85	227534.587	2404076.854	E84° 21' 58.305"	N21° 43' 9.491"
86	FO.86	227514.981	2404067.411	E84° 21' 57.629"	N21° 43' 9.173"
87	FO.87	227534.560	2404046.139	E84° 21' 58.322"	N21° 43' 8.493"
88	FO.88	227552.049	2404055.264	E84° 21' 58.925"	N21° 43' 8.799"
89	FO.89	227562.844	2404043.120	E84° 21' 59.307"	N21° 43' 8.410"
90	FO.90	227548.742	2404027.406	E84° 21' 58.826"	N21° 43' 7.892"
91	FO.91	227582.212	2404018.672	E84° 22' 0.000"	N21° 43' 7.627"
92	FO.92	227566.099	2404005.922	E84° 21' 59.443"	N21° 43' 7.203"
93	FO.93	227574.989	2403995.338	E84° 21' 59.758"	N21° 43' 6.864"
94	FO.94	227606.262	2403987.954	E84° 22' 0.850"	N21° 43' 6.642"
95	FO.95	227585.572	2403979.569	E84° 22' 0.135"	N21° 43' 6.358"
96	FO.96	227595.838	2403968.245	E84° 22' 0.499"	N21° 43' 5.996"
97	FO.97	227621.899	2403969.222	E84° 22' 1.405"	N21° 43' 6.042"
98	FO.98	227609.914	2403950.253	E84° 22' 0.999"	N21° 43' 5.419"
99	FO.99	227638.648	2403947.949	E84° 22' 1.999"	N21° 43' 5.360"
100	FO.100	227624.201	2403931.309	E84° 22' 1.507"	N21° 43' 4.811"
101	FO.101	227634.573	2403917.974	E84° 22' 1.876"	N21° 43' 4.384"
102	FO.102	227656.507	2403923.740	E84° 22' 2.635"	N21° 43' 4.583"
103	FO.103	227685.558	2403887.227	E84° 22' 3.667"	N21° 43' 3.413"
104	FO.104	227634.514	2403908.166	E84° 22' 1.879"	N21° 43' 4.065"
105	FO.105	227642.341	2403904.374	E84° 22' 2.154"	N21° 43' 3.946"
106	FO.106	227647.421	2403900.644	E84° 22' 2.333"	N21° 43' 3.828"
107	FO.107	227650.358	2403896.913	E84° 22' 2.437"	N21° 43' 3.708"
108	FO.108	227655.755	2403892.548	E84° 22' 2.627"	N21° 43' 3.569"
109	FO.109	227659.248	2403889.134	E84° 22' 2.751"	N21° 43' 3.460"
110	FO.110	227664.645	2403879.609	E84° 22' 2.944"	N21° 43' 3.154"
111	FO.111	227696.433	2403873.019	E84° 22' 4.053"	N21° 43' 2.957"
112	FO.112	227662.341	2403871.909	E84° 22' 2.868"	N21° 43' 2.902"
113	FO.113	227665.347	2403867.992	E84° 22' 2.975"	N21° 43' 2.777"
114	FO.114	227673.297	2403868.497	E84° 22' 3.251"	N21° 43' 2.798"
115	FO.115	227684.965	2403853.019	E84° 22' 3.666"	N21° 43' 2.301"
116	FO.116	227694.014	2403840.795	E84° 22' 3.988"	N21° 43' 1.909"
117	FO.117	227722.706	2403841.031	E84° 22' 4.986"	N21° 43' 1.932"
118	FO.118	227704.254	2403827.142	E84° 22' 4.352"	N21° 43' 1.471"
119	FO.119	227714.811	2403816.268	E84° 22' 4.726"	N21° 43' 1.123"
120	FO.120	227722.589	2403805.473	E84° 22' 5.002"	N21° 43' 0.777"
121	FO.121	227740.089	2403818.012	E84° 22' 5.604"	N21° 43' 1.194"
122	FO.122	227754.615	2403798.565	E84° 22' 6.120"	N21° 43' 0.570"
123	FO.123	227738.464	2403786.105	E84° 22' 5.566"	N21° 43' 0.157"
124	FO.124	227745.052	2403777.930	E84° 22' 5.800"	N21° 42' 59.895"
125	FO.125	227772.871	2403778.404	E84° 22' 6.767"	N21° 42' 59.925"
126	FO.126	229945.793	2399604.350	E84° 23' 24.768"	N21° 40' 45.499"
127	FO.127	229946.535	2399604.502	E84° 23' 24.794"	N21° 40' 45.504"
128	FO.128	229946.309	2399602.049	E84° 23' 24.788"	N21° 40' 45.424"
129	FO.129	229947.513	2399602.290	E84° 23' 24.829"	N21° 40' 45.433"
130	FO.130	229957.823	2399575.985	E84° 23' 25.203"	N21° 40' 44.584"
131	FO.131	229953.244	2399571.161	E84° 23' 25.047"	N21° 40' 44.425"
132	FO.132	229962.122	2399557.199	E84° 23' 25.364"	N21° 40' 43.976"
133	FO.133	229965.231	2399549.130	E84° 23' 25.476"	N21° 40' 43.715"
134	FO.134	229971.740	2399532.952	E84° 23' 25.712"	N21° 40' 43.193"
135	FO.135	229962.517	2399529.862	E84° 23' 25.393"	N21° 40' 43.088"
136	FO.136	229972.044	2399532.196	E84° 23' 25.723"	N21° 40' 43.169"
137	FO.137	229976.476	2399517.578	E84° 23' 25.886"	N21° 40' 42.696"
138	FO.138	229981.834	2399495.088	E84° 23' 26.085"	N21° 40' 41.969"
139	FO.139	229986.927	2399481.462	E84° 23' 26.270"	N21° 40' 41.529"
140	FO.140	229992.483	2399467.506	E84° 23' 26.471"	N21° 40' 41.078"
141	FO.141	230003.699	2399428.741	E84° 23' 26.884"	N21° 40' 39.825"
142	FO.142	230009.138	2399405.545	E84° 23' 27.087"	N21° 40' 39.074"
143	FO.143	229995.885	2399381.238	E84° 23' 26.640"	N21° 40' 38.277"
144	FO.144	230015.110	2399355.589	E84° 23' 27.324"	N21° 40' 37.454"
145	FO.145	230021.884	2399317.066	E84° 23' 27.582"	N21° 40' 36.206"
146	FO.146	230018.154	2399294.968	E84° 23' 27.465"	N21° 40' 35.486"
147	FO.147	230026.752	2399289.549	E84° 23' 27.767"	N21° 40' 35.315"
148	FO.148	230019.292	2399288.333	E84° 23' 27.508"	N21° 40' 35.271"
149	FO.149	230030.139	2399272.397	E84° 23' 27.895"	N21° 40' 34.759"
150	FO.150	230032.785	2399260.014	E84° 23' 27.994"	N21° 40' 34.358"
151	FO.151	230035.536	2399206.780	E84° 23' 28.121"	N21° 40' 32.630"
152	FO.152	230035.926	2399191.394	E84° 23' 28.143"	N21° 40' 32.131"
153	FO.153	230036.828	2399187.236	E84° 23' 28.177"	N21° 40' 31.996"
154	FO.154	230085.135	2399073.372	E84° 23' 29.923"	N21° 40' 28.323"
155	FO.155	230087.710	2399073.174	E84° 23' 30.012"	N21° 40' 28.318"
156	FO.156	230093.390	2399053.131	E84° 23' 30.222"	N21° 40' 27.670"
157	FO.157	230094.409	2399053.495	E84° 23' 30.257"	N21° 40' 27.682"
158	FO.158	230096.497	2399043.328	E84° 23' 30.335"	N21° 40' 27.353"
159	FO.159	230096.883	2399039.240	E84° 23' 30.351"	N21° 40' 27.220"
160	FO.160	230100.633	2399028.981	E84° 23' 30.488"	N21° 40' 26.889"
161	FO.161	230098.637	2399041.076	E84° 23' 30.411"	N21° 40' 27.281"
162	FO.162	230104.249	2399024.590	E84° 23' 30.616"	N21° 40' 26.748"
163	FO.163	230102.280	2399024.477	E84° 23' 30.547"	N21° 40' 26.743"
164	FO.164	230118.552	2398973.518	E84° 23' 31.143"	N21° 40' 25.097"
165	FO.165	230120.773	2398976.052	E84° 23' 31.219"	N21° 40' 25.180"
166	FO.166	230126.331	2398951.055	E84° 23' 31.426"	N21° 40' 24.371"
167	FO.167	230130.002	2398948.940	E84° 23' 31.555"	N21° 40' 24.304"
168	FO.168	230131.570	2398935.021	E84° 23' 31.618"	N21° 40' 23.853"
169	FO.169	230138.228	2398924.249	E84° 23' 31.856"	N21° 40' 23.506"
170	FO.170	230142.033	2398904.524	E84° 23' 31.999"	N21° 40' 22.868"
171	FO.171	230144.787	2398904.558	E84° 23' 32.095"	N21° 40' 22.870"
172	FO.172	230150.630	2398887.017	E84° 23' 32.308"	N21° 40' 22.304"
173	FO.173	230202.743	2398676.536	E84° 23' 34.243"	N21° 40' 15.493"
174	FO.174	230214.691	2398643.537	E84° 23' 34.678"	N21° 40' 14.427"
175	FO.175	230222.150	2398637.257	E84° 23' 34.941"	N21° 40' 14.227"
176	FO.176	230233.791	2398628.790	E84° 23' 35.350"	N21° 40' 13.959"
177	FO.177	230237.526	2398642.579	E84° 23' 35.472"	N21° 40' 14.409"
178	FO.178	230239.591	2398634.664	E84° 23' 35.548"	N21° 40' 14.153"
179	FO.179	230242.978	2398631.594	E84° 23' 35.668"	N21° 40' 14.055"
180	FO.180	230245.802	2398630.104	E84° 23' 35.767"	N21° 40' 14.008"
181	FO.181	230246.817	2398629.242	E84° 23' 35.803"	N21° 40' 13.980"
182	FO.182	230231.832	2398617.696	E84° 23' 35.289"	N21° 40' 13.597"
183	FO.183	230243.422	2398619.371	E84° 23' 35.690"	N21° 40' 13.658"
184	FO.184	230261.626	2398605.930	E84° 23' 36.331"	N21° 40' 13.231"
185	FO.185	230255.868	2398597.290	E84° 23' 36.136"	N21° 40' 12.947"
186	FO.186	230272.104	2398597.317	E84° 23' 36.700"	N21° 40' 12.957"
187	FO.187	230280.370	2398597.331	E84° 23' 36.988"	N21° 40' 12.962"
188	FO.188	230277.527	2398586.581	E84° 23' 36.895"	N21° 40' 12.611"
189	FO.189	230290.800	2398590.266	E84° 23' 37.354"	N21° 40' 12.738"
190	FO.190	230295.288	2398587.883	E84° 23' 37.512"	N21° 40' 12.663"
191	FO.191	230295.423	2398576.606	E84° 23' 37.523"	N21° 40' 12.297"
192	FO.192	230302.019	2398577.989	E84° 23' 37.752"	N21° 40' 12.345"
193	FO.193	230307.945	2398581.164	E84° 23' 37.956"	N21° 40' 12.452"
194	FO.194	230298.836	2398574.637	E84° 23' 37.643"	N21° 40' 12.235"
195	FO.195	230320.751	2398572.803	E84° 23' 38.406"	N21° 40' 12.187"
196	FO.196	230340.436	2398557.881	E84° 23' 39.099"	N21° 40' 11.713"
197	FO.197	230353.771	2398545.392	E84° 23' 39.570"	N21° 40' 11.314"
198	FO.198	230371.234	2398531.105	E84° 23' 40.185"	N21° 40' 10.860"
199	FO.199	230362.868	2398521.277	E84° 23' 39.900"	N21° 40' 10.536"
200	FO.200	230364.949	2398523.774	E84° 23' 39.971"	N21° 40' 10.618"
201	FO.201	230381.917	2398509.633	E84° 23' 40.569"	N21° 40' 10.168"
202	FO.202	230387.215	2398517.029	E84° 23' 40.749"	N21° 40' 10.411"
203	FO.203	230401.714	2398506.234	E84° 23' 41.259"	N21° 40' 10.068"
204	FO.204	230417.589	2398493.110	E84° 23' 41.818"	N21° 40' 9.651"
205	FO.205	230432.723	2398482.104	E84° 23' 42.351"	N21° 40' 9.301"
206	FO.206	230455.160	2398466.970	E84° 23' 43.140"	N21° 40' 8.822"
207	FO.207	230433.080	2398475.116	E84° 23' 42.367"	N21° 40' 9.074"
208	FO.208	230476.941	2398447.757	E84° 23' 43.908"	N21° 40' 8.209"
209	FO.209	230470.082	2398456.598	E84° 23' 43.664"	N21° 40' 8.493"
210	FO.210	230575.425	2398390.778	E84° 23' 47.365"	N21° 40' 6.412"
211	FO.211	230576.040	2398396.533	E84° 23' 47.383"	N21° 40' 6.599"
212	FO.212	230589.080	2398384.001	E84° 23' 47.843"	N21° 40' 6.199"
213	FO.213	230601.573	2398386.319	E84° 23' 48.276"	N21° 40' 6.281"
214	FO.214	230609.426	2398372.412	E84° 23' 48.557"	N21° 40' 5.834"
215	FO.215	230610.833	2398381.689	E84° 23' 48.601"	N21° 40' 6.136"
216	FO.216	230622.468	2398376.243	E84° 23' 49.008"	N21° 40' 5.965"
217	FO.217	230622.899	2398364.738	E84° 23' 49.030"	N21° 40' 5.592"
218	FO.218	230632.167	2398366.271	E84° 23' 49.351"	N21° 40' 5.646"
219	FO.219	230629.785	2398360.815	E84° 23' 49.272"	N21° 40' 5.468"
220	FO.220	230790.449	2398223.839	E84° 23' 54.936"	N21° 40' 1.105"
221	FO.221	230803.218	2398223.341	E84° 23' 55.380"	N21° 40' 1.096"
222	FO.222	230818.267	2398207.064	E84° 23' 55.913"	N21° 40' 0.575"
223	FO.223	230839.434	2398186.162	E84° 23' 56.661"	N21° 39' 59.907"
224	FO.224	230859.145	2398162.217	E84° 23' 57.360"	N21° 39' 59.140"
225	FO.225	230881.824	2398125.048	E84° 23' 58.170"	N21° 39' 57.945"
226	FO.226	230883.454	2398126.555	E84° 23' 58.226"	N21° 39' 57.994"
227	FO.227	230884.810	2398131.922	E84° 23' 58.270"	N21° 39' 58.170"
228	FO.228	230887.706	2398121.958	E84° 23' 58.376"	N21° 39' 57.847"
229	FO.229	230908.887	2398106.125	E84° 23' 59.122"	N21° 39' 57.345"
230	FO.230	230921.487	2398080.711	E84° 23' 59.574"	N21° 39' 56.526"
231	FO.231	230919.769	2398079.305	E84° 23' 59.516"	N21° 39' 56.479"
232	FO.232	230938.256	2398068.422	E84° 24' 0.165"	N21° 39' 56.135"
233	FO.233	230963.524	2398035.746	E84° 24' 1.062"	N21° 39' 55.088"
234	FO.234	230986.278	2398007.435	E84° 24' 1.869"	N21° 39' 54.180"
235	FO.235	231011.860	2397982.208	E84° 24' 2.773"	N21° 39' 53.374"
236	FO.236	230982.815	2398002.324	E84° 24' 1.752"	N21° 39' 54.012"
237	FO.237	231006.507	2397973.396	E84° 24' 2.592"	N21° 39' 53.085"
238	FO.238	231015.151	2397976.726	E84° 24' 2.891"	N21° 39' 53.198"
239	FO.239	231020.231	2397965.455	E84° 24' 3.074"	N21° 39' 52.834"
240	FO.240	231031.258	2397943.174	E84° 24' 3.470"	N21° 39' 52.117"
241	FO.241	231055.102	2397943.258	E84° 24' 4.299"	N21° 39' 52.132"
242	FO.242	231082.035	2397892.190	E84° 24' 5.265"	N21° 39' 50.488"
243	FO.243	231095.447	2397888.480	E84° 24' 5.733"	N21° 39' 50.374"
244	FO.244	231113.810	2397854.319	E84° 24' 6.391"	N21° 39' 49.274"
245	FO.245	231107.038	2397839.803	E84° 24' 6.164"	N21° 39' 48.799"
246	FO.246	231129.548	2397818.018	E84° 24' 6.960"	N21° 39' 48.103"
247	FO.247	231121.458	2397812.418	E84° 24' 6.682"	N21° 39' 47.917"
248	FO.248	231137.068	2397782.520	E84° 24' 7.242"	N21° 39' 46.954"
249	FO.249	231142.547	2397776.062	E84° 24' 7.436"	N21° 39' 46.747"
250	FO.250	231143.013	2397773.581	E84° 24' 7.454"	N21° 39' 46.667"
251	FO.251	231183.765	2397458.321	E84° 24' 9.054"	N21° 39' 36.446"
252	FO.252	231185.057	2397443.157	E84° 24' 9.107"	N21° 39' 35.954"
253	FO.253	231182.077	2397444.820	E84° 24' 9.003"	N21° 39' 36.006"
254	FO.254	231178.447	2397395.609	E84° 24' 8.905"	N21° 39' 34.405"
255	FO.255	231448.702	2396394.035	E84° 24' 18.881"	N21° 39' 2.009"
256	FO.256	231451.646	2396395.004	E84° 24' 18.983"	N21° 39' 2.042"
257	FO.257	231452.176	2396401.171	E84° 24' 18.998"	N21° 39' 2.242"
258	FO.258	231468.959	2396402.539	E84° 24' 19.580"	N21° 39' 2.296"
259	FO.259	231479.987	2396382.241	E84° 24' 19.975"	N21° 39' 1.642"
260	FO.260	231480.316	2396381.941	E84° 24' 19.987"	N21° 39' 1.633"
261	FO.261	231477.566	2396380.614	E84° 24' 19.892"	N21° 39' 1.588"
262	FO.262	231466.388	2396382.863	E84° 24' 19.502"	N21° 39' 1.655"
263	FO.263	231455.838	2396384.318	E84° 24' 19.135"	N21° 39' 1.697"
264	FO.264	231454.889	2396384.445	E84° 24' 19.102"	N21° 39' 1.700"
265	FO.265	231553.359	2396332.940	E84° 24' 22.554"	N21° 39' 0.080"
266	FO.266	231563.588	2396342.049	E84° 24' 22.904"	N21° 39' 0.382"
267	FO.267	231566.544	2396343.076	E84° 24' 23.006"	N21° 39' 0.417"

DGPS OBSERVATION CO-ORDINATES OF TOLL PLAZA POINT

SL.NO	POINT ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	Tp-1	231416.010	2396479.305	E84°24'17.69516"	N21°39'04.76149"
2	Tp-2	231432.206	2396488.576	E84°24'18.25270"	N21°39'05.07152"
3	Tp-3	231400.397	2396470.260	E84°24'17.15777"	N21°39'04.45911"
4	Tp-4	231445.297	2396497.822	E84°24'18.70232"	N21°39'05.37906"
5	Tp-5	231410.619	2396453.066	E84°24'17.52305"	N21°39'03.90600"
6	Tp-6	231457.007	2396481.950	E84°24'19.11854"	N21°39'04.86971"
7	Tp-7	231457.722	2396380.054	E84°24'19.20261"	N21°39'01.55926"
8	Tp-8	231502.532	2396411.753	E84°24'20.74161"	N21°39'02.61357"
9	Tp-9	231474.675	2396356.150	E84°24'19.80570"	N21°39'00.79177"
10	Tp-10	231516.246	2396392.849	E84°24'21.22923"	N21°39'02.00678"
11	Tp-11	231601.045	2396234.295	E84°24'24.26864"	N21°38'56.90104"
12	Tp-12	231635.776	2396274.567	E84°24'25.45236"	N21°38'58.22843"

DGPS OBSERVATION CO-ORDINATES OF ROAD CENTER LINE
(CH- 302-750 TO 307-500 KM. & CH-313-800 TO 325-800KM.)

SL.NO	POINT ID	MAP ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	Cp-408	CP.1	222349.646	2412857.302	E84°18'52.71209"	N21°47'51.86810"
2	Cp-409	CP.2	222543.508	2412862.320	E84°18'59.45334"	N21°47'52.14080"
3	Cp-410	CP.3	222645.680	2412882.327	E84°19'02.99568"	N21°47'52.84858"
4	Cp-411	CP.4	222707.411	2412891.278	E84°19'05.13785"	N21°47'53.17429"
5	Cp-412	CP.5	222849.800	2412892.312	E84°19'10.09083"	N21°47'53.28833"
6	Cp-413	CP.6	222994.451	2412888.759	E84°19'15.12529"	N21°47'53.25456"
7	Cp-414	CP.7	223072.569	2412879.999	E84°19'17.84825"	N21°47'53.01405"
8	Cp-415	CP.8	223137.127	2412870.550	E84°19'20.09989"	N21°47'52.74349"
9	Cp-416	CP.9	223189.466	2412859.215	E84°19'21.92760"	N21°47'52.40475"
10	Cp-417	CP.10	223233.786	2412843.351	E84°19'23.47905"	N21°47'51.91434"
11	Cp-418	CP.11	223273.218	2412821.986	E84°19'24.86376"	N21°47'51.24245"
12	Cp-419	CP.12	223355.968	2412759.383	E84°19'27.78036"	N21°47'49.25514"
13	Cp-420	CP.13	223389.449	2412730.450	E84°19'28.96259"	N21°47'48.33400"
14	Cp-421	CP.14	223419.101	2412709.482	E84°19'30.00682"	N21°47'47.66947"
15	Cp-422	CP.15	223463.823	2412682.567	E84°19'31.57891"	N21°47'46.82021"
16	Cp-423	CP.16	223523.332	2412650.679	E84°19'33.66839"	N21°47'45.81773"
17	Cp-424	CP.17	223529.320	2412643.419	E84°19'33.88110"	N21°47'45.58522"
18	Cp-425	CP.18	223532.248	2412631.127	E84°19'33.99036"	N21°47'45.18752"
19	Cp-426	CP.19	223517.815	2412402.327	E84°19'33.62628"	N21°47'37.74574"
20	Cp-427	CP.20	223521.891	2412376.647	E84°19'33.78358"	N21°47'36.91370"
21	Cp-93	CP.21	223550.944	2412319.707	E84°19'34.82862"	N21°47'35.08012"
22	Cp-92	CP.22	223629.519	2412175.555	E84°19'37.64905"	N21°47'30.44091"
23	Cp-91	CP.23	223668.941	2412138.373	E84°19'39.04286"	N21°47'29.25506"
24	Cp-90	CP.24	223743.632	2412084.834	E84°19'41.67346"	N21°47'27.55764"
25	Cp-89	CP.25	223843.888	2412036.663	E84°19'45.19017"	N21°47'26.04900"
26	Cp-88	CP.26	223999.383	2411953.472	E84°19'50.64961"	N21°47'23.43359"
27	Cp-87	CP.27	224056.768	2411928.525	E84°19'52.66091"	N21°47'22.65535"
28	Cp-86	CP.28	224119.693	2411910.996	E84°19'54.86047"	N21°47'22.12120"
29	Cp-85	CP.29	224252.712	2411894.422	E84°19'59.49782"	N21°47'21.65745"
30	Cp-84	CP.30	224302.300	2411885.863	E84°20'01.22802"	N21°47'21.40721"
31	Cp-83	CP.31	224385.450	2411861.480	E84°20'04.13526"	N21°47'20.66172"
32	Cp-82	CP.32	224425.421	2411849.339	E84°20'05.53308"	N21°47'20.28971"
33	Cp-81	CP.33	224517.973	2411822.715	E84°20'08.76871"	N21°47'19.47664"
34	Cp-80	CP.34	224564.840	2411808.580	E84°20'10.40761"	N21°47'19.04369"
35	Cp-79	CP.35	224627.155	2411789.686	E84°20'12.58674"	N21°47'18.46477"
36	Cp-78	CP.36	224686.055	2411781.006	E84°20'14.64093"	N21°47'18.21582"
37	Cp-77	CP.37	224741.804	2411765.787	E84°20'16.58942"	N21°47'17.75260"
38	Cp-76	CP.38	224801.039	2411748.718	E84°20'18.66029"	N21°47'17.23124"
39	Cp-75	CP.39	224848.605	2411731.584	E84°20'20.32529"	N21°47'16.70122"
40	Cp-74	CP.40	224887.093	2411714.204	E84°20'21.67462"	N21°47'16.15811"
41	Cp-73	CP.41	224956.040	2411676.280	E84°20'24.09584"	N21°47'14.96461"
42	Cp-72	CP.42	225008.060	2411639.554	E84°20'25.92753"	N21°47'13.80051"
43	Cp-71	CP.43	225023.516	2411627.334	E84°20'26.47250"	N21°47'13.41212"
44	Cp-70	CP.44	225088.018	2411581.948	E84°20'28.74357"	N21°47'11.97365"
45	Cp-69	CP.45	225125.161	2411555.514	E84°20'30.05151"	N21°47'11.13562"
46	Cp-68	CP.46	225160.464	2411531.346	E84°20'31.29411"	N21°47'10.37017"
47	Cp-67	CP.47	225227.538	2411485.335	E84°20'33.65499"	N21°47'08.91279"
48	Cp-66	CP.48	225259.349	2411463.016	E84°20'34.77497"	N21°47'08.20544"
49	Cp-65	CP.49	225334.993	2411407.861	E84°20'37.43941"	N21°47'06.45578"
50	Cp-64	CP.50	225408.908	2411357.224	E84°20'40.04101"	N21°47'04.85193"
51	Cp-63	CP.51	225528.540	2411277.407	E84°20'44.25038"	N21°47'02.32552"
52	Cp-62	CP.52	225683.475	2411176.598	E84°20'49.70037"	N21°46'59.13680"
53	Cp-61	CP.53	225857.938	2411059.857	E84°20'55.83911"	N21°46'55.44130"
54	Cp-60	CP.54	225995.019	2410966.740	E84°21'00.66328"	N21°46'52.49239"
55	Cp-59	CP.55	226083.514	2410908.118	E84°21'03.77669"	N21°46'50.63713"
56	Cp-58	CP.56	226149.486	2410850.666	E84°21'06.10587"	N21°46'48.80729"
57	Cp-57	CP.57	226179.261	2410820.492	E84°21'07.15963"	N21°46'47.84351"
58	Cp-56	CP.58	226237.989	2410743.070	E84°21'09.24875"	N21°46'45.36076"
59	Cp-55	CP.59	226272.912	2410683.971	E84°21'10.49883"	N21°46'43.46009"
60	Cp-515	CP.60	226839.443	2404920.904	E84°21'33.63262"	N21°43'36.52947"
61	Cp-516	CP.61	227183.684	2404542.611	E84°21'45.82729"	N21°43'24.42922"
62	Cp-517	CP.62	227215.442	2404501.407	E84°21'46.95602"	N21°43'23.10805"
63	Cp-518	CP.63	227537.194	2404071.927	E84°21'58.39839"	N21°43'09.33191"
64	Cp-519	CP.64	227773.181	2403764.443	E84°22'06.78589"	N21°42'59.47187"
65	Cp-520	CP.65	227851.463	2403658.445	E84°22'09.57048"	N21°42'56.07114"
66	Cp-521	CP.66	227905.231	2403584.255	E84°22'11.48389"	N21°42'53.69030"
67	Cp-522	CP.67	227962.493	2403513.787	E84°22'13.51659"	N21°42'51.43234"
68	Cp-523	CP.68	228073.231	2403367.352	E84°22'17.45347"	N21°42'46.73563"
69	Cp-524	CP.69	228126.123	2403304.191	E84°22'19.32985"	N21°42'44.71263"
70	Cp-525	CP.70	228230.879	2403165.908	E84°22'23.05382"	N21°42'40.27744"
71	Cp-526	CP.71	228348.990	2403016.797	E84°22'27.24851"	N21°42'35.49775"
72	Cp-527	CP.72	228400.521	2402945.212	E84°22'29.08243"	N21°42'33.20026"
73	Cp-528	CP.73	228517.435	2402798.717	E84°22'33.23382"	N21°42'28.50487"
74	Cp-529	CP.74	228619.457	2402658.253	E84°22'36.86379"	N21°42'23.99718"
75	Cp-530	CP.75	228664.277	2402594.554	E84°22'38.45963"	N21°42'21.95220"
76	Cp-531	CP.76	228729.870	2402499.958	E84°22'40.79594"	N21°42'18.91472"
77	Cp-532	CP.77	228741.785	2402479.481	E84°22'41.22225"	N21°42'18.25598"
78	Cp-533	CP.78	228789.797	2402404.140	E84°22'42.93593"	N21°42'15.83444"
79	Cp-534	CP.79	228810.942	2402374.350	E84°22'43.68863"	N21°42'14.87815"
80	Cp-535	CP.80	228875.707	2402270.999	E84°22'46.00122"	N21°42'11.55575"
81	Cp-536	CP.81	228908.705	2402215.658	E84°22'47.18109"	N21°42'09.77580"
82	Cp-537	CP.82	228941.293	2402163.941	E84°22'48.34451"	N21°42'08.11337"
83	Cp-538	CP.83	228973.536	2402113.891	E84°22'49.49497"	N21°42'06.50489"
84	Cp-539	CP.84	228989.811	2402086.478	E84°22'50.07695"	N21°42'05.62313"
85	Cp-540	CP.85	229010.481	2402051.289	E84°22'50.81630"	N21°42'04.49115"
86	Cp-541	CP.86	229026.822	2402018.945	E84°22'51.40346"	N21°42'03.44923"
87	Cp-542	CP.87	229047.970	2401983.301	E84°22'52.15967"	N21°42'02.30272"
88	Cp-543	CP.88	229183.197	2401733.990	E84°22'57.00773"	N21°41'54.27652"
89	Cp-544	CP.89	229269.568	2401563.266	E84°23'00.11086"	N21°41'48.77686"
90	Cp-545	CP.90	229318.110	2401462.053	E84°23'01.85797"	N21°41'45.51493"
91	Cp-546	CP.91	229353.836	2401368.227	E84°23'03.15512"	N21°41'42.48598"
92	Cp-547	CP.92	229465.803	2401124.736	E84°23'07.19071"	N21°41'34.63600"
93	Cp-548	CP.93	229538.774	2400972.367	E84°23'09.81701"	N21°41'29.72530"
94	Cp-549	CP.94	229642.906	2400777.554	E84°23'13.55145"	N21°41'23.45258"
95	Cp-550	CP.95	229703.644	2400673.314	E84°23'15.72411"	N21°41'20.09894"
96	Cp-551	CP.96	229771.771	2400578.759	E84°23'18.14794"	N21°41'17.06399"
97	Cp-552	CP.97	229820.222	2400519.934	E84°23'19.86681"	N21°41'15.17920"
98	Cp-553	CP.98	229853.571	2400471.384	E84°23'21.05460"	N21°41'13.61997"
99	Cp-554	CP.99	229866.242	2400440.973	E84°23'21.51292"	N21°41'12.63880"
100	Cp-555	CP.100	229947.295	2400088.428	E84°23'24.53713"	N21°41'01.22839"
101	Cp-556	CP.101	229951.902	2400033.978	E84°23'24.72917"	N21°40'59.46171"
102	Cp-557	CP.102	229950.820	2399964.010	E84°23'24.73252"	N21°40'57.18774"
103	Cp-558	CP.103	229926.748	2399816.683	E84°23'23.98194"	N21°40'52.38766"
104	Cp-559	CP.104	229923.893	2399772.559	E84°23'23.90853"	N21°40'50.95241"
105	Cp-560	CP.105	229923.190	2399747.019	E84°23'23.89903"	N21°40'50.12218"
106	Cp-563	CP.106	230027.157	2399296.899	E84°23'27.77662"	N21°40'35.55386"
107	Cp-564	CP.107	230044.959	2399193.152	E84°23'28.45617"	N21°40'32.19267"
108	Cp-565	CP.108	230054.924	2399147.430	E84°23'28.82931"	N21°40'30.71250"
109	Cp-566	CP.109	230068.343	2399101.361	E84°23'29.32271"	N21°40'29.22297"
110	Cp-567	CP.110	230121.236	2398945.988	E84°23'31.25223"	N21°40'24.20355"
111	Cp-568	CP.111	230192.765	2398731.265	E84°23'33.86419"	N21°40'17.26588"
112	Cp-569	CP.112	230223.011	2398647.727	E84°23'34.96441"	N21°40'14.56808"
113	Cp-570	CP.113	230238.817	2398623.900	E84°23'35.52774"	N21°40'13.80255"
114	Cp-571	CP.114	230260.987	2398605.078	E84°23'36.30941"	N21°40'13.20309"
115	Cp-572	CP.115	230286.124	2398592.650	E84°23'37.19044"	N21°40'12.81300"
116	Cp-573	CP.116	230304.147	2398582.252	E84°23'37.82301"	N21°40'12.48499"
117	Cp-574	CP.117	230385.525	2398514.437	E84°23'40.69135"	N21°40'10.32599"
118	cp-575	CP.118	230436.347	2398480.150	E84°23'42.47798"	N21°40'09.23968"
119	cp-576	CP.119	230514.957	2398431.115	E84°23'45.23913"	N21°40'07.68934"
120	cp-577	CP.120	230593.429	2398392.169	E84°23'47.98956"	N21°40'06.46673"
121	cp-578	CP.121	230637.446	2398367.097	E84°23'49.53424"	N21°40'05.67608"
122	cp-579	CP.122	230681.687	2398338.205	E84°23'51.08891"	N21°40'04.76145"
123	cp-580	CP.123	230720.243	2398307.711	E84°23'52.44691"	N21°40'03.79165"
124	cp-581	CP.124	230749.770	2398281.442	E84°23'53.48861"	N21°40'02.95425"
125	cp-582	CP.125	230893.011	2398126.576	E84°23'58.55795"	N21°39'58.00038"
126	Cp-583	CP.126	231052.794	2397931.477	E84°24'04.22561"	N21°39'51.74823"
127	Cp-584	CP.127	231087.595	2397883.550	E84°24'05.46320"	N21°39'50.20991"
128	Cp-585	CP.128	231105.478	2397850.282	E84°24'06.10415"	N21°39'49.13869"
129	Cp-586	CP.129	231120.861	2397814.800	E84°24'06.65951"	N21°39'47.99418"
130	Cp-587	CP.130	231133.554	2397773.832	E84°24'07.12458"	N21°39'46.66996"
131	Cp-588	CP.131	231142.017	2397726.997	E84°24'07.44601"	N21°39'45.15280"
132	Cp-589	CP.132	231160.312	2397574.723	E84°24'08.17056"	N21°39'40.21503"
133	Cp-590	CP.133	231168.821	2397524.761	E84°24'08.49542"	N21°39'38.59629"
134	Cp-591	CP.134	231175.752	2397443.404	E84°24'08.78367"	N21°39'35.95660"
135	Cp-592	CP.135	231149.491	2397254.477	E84°24'07.98084"	N21°39'29.80366"
136	Cp-593	CP.136	231147.545	2397208.631	E84°24'07.93989"	N21°39'28.31294"
137	Cp-594	CP.137	231152.092	2397172.083	E84°24'08.11921"	N21°39'27.12790"
138	Cp-595	CP.138	231160.509	2397116.555	E84°24'08.44409"	N21°39'25.32825"
139	Cp-596	CP.139	231189.368	2397006.443	E84°24'09.51123"	N21°39'21.76619"
140	Cp-597	CP.140	231244.103	2396831.731	E84°24'11.51531"	N21°39'16.11917"
141	Cp-598	CP.141	231273.260	2396746.569	E84°24'12.57828"	N21°39'13.36790"
142	Cp-599	CP.142	231306.030	2396685.706	E84°24'13.75264"	N21°39'11.40815"
143	Cp-600	CP.143	231433.855	2396468.676	E84°24'18.32157"	N21°39'04.42584"
144	Cp-601	CP.144	231480.257	2396397.018	E84°24'19.97596"	N21°39'02.12269"
145	Cp-602	CP.145	231497.177	2396375.130	E84°24'20.57678"	N21°39'01.42070"
146	Cp-603	CP.146	231616.626	2396256.286	E84°24'24.79739"	N21°38'57.62404"

DGPS OBSERVATION CO-ORDINATES OF ROAD CENTER LINE
(CH- 307/500 TO 313/800 KM. KUCHINDA BY-PASS)

SL.NO	POINT ID	MAP ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	Cp-55	CP.1	226272.912	2410683.971	E84°21'10.49883"	N21°46'43.46009"
2	Cp-54	CP.2	226308.682	2410599.038	E84°21'11.79380"	N21°46'40.72053"
3	Cp-53	CP.3	226332.309	2410501.003	E84°21'12.67416"	N21°46'37.54849"
4	Cp-52	CP.4	226343.892	2410397.102	E84°21'13.13903"	N21°46'34.17914"
5	Cp-51	CP.5	226361.481	2410237.803	E84°21'13.84587"	N21°46'29.01322"
6	Cp-50	CP.6	226378.237	2409790.069	E84°21'14.69571"	N21°46'14.47547"
7	Cp-49	CP.7	226377.732	2409612.409	E84°21'14.78405"	N21°46'08.70293"
8	Cp-48	CP.8	226379.090	2409549.888	E84°21'14.86856"	N21°46'06.67233"
9	Cp-47	CP.9	226390.008	2409491.012	E84°21'15.28342"	N21°46'04.76552"
10	Cp-46	CP.10	226413.096	2409436.275	E84°21'16.11909"	N21°46'02.99994"
11	Cp-45	CP.11	226456.689	2409369.891	E84°21'17.67496"	N21°46'00.86734"
12	Cp-44	CP.12	226498.616	2409319.136	E84°21'19.16352"	N21°45'59.24164"
13	Cp-43	CP.13	226574.165	2409222.797	E84°21'21.84870"	N21°45'56.15355"
14	Cp-42	CP.14	226618.862	2409163.915	E84°21'23.43846"	N21°45'54.26533"
15	Cp-41	CP.15	226731.241	2409020.720	E84°21'27.43248"	N21°45'49.67531"
16	Cp-40	CP.16	226789.154	2408943.105	E84°21'29.49303"	N21°45'47.18574"
17	Cp-39	CP.17	226941.694	2408757.483	E84°21'34.90906"	N21°45'41.23952"
18	Cp-38	CP.18	226982.727	2408711.538	E84°21'36.36353"	N21°45'39.76953"
19	Cp-37	CP.19	227020.216	2408671.891	E84°21'37.69103"	N21°45'38.50220"
20	Cp-36	CP.20	227066.782	2408617.298	E84°21'39.34312"	N21°45'36.75430"
21	Cp-35	CP.21	227100.417	2408569.004	E84°21'40.54171"	N21°45'35.20385"
22	Cp-34	CP.22	227115.326	2408533.325	E84°21'41.08145"	N21°45'34.05288"
23	Cp-33	CP.23	227128.061	2408488.674	E84°21'41.55093"	N21°45'32.60923"
24	Cp-32	CP.24	227141.339	2408434.550	E84°21'42.04490"	N21°45'30.85807"
25	Cp-31	CP.25	227203.163	2408242.390	E84°21'44.30934"	N21°45'24.64894"
26	Cp-30	CP.26	227210.774	2408175.793	E84°21'44.61359"	N21°45'22.48938"
27	Cp-29	CP.27	227210.729	2408045.897	E84°21'44.68917"	N21°45'18.26892"
28	Cp-28	CP.28	227208.346	2407906.599	E84°21'44.68902"	N21°45'13.74170"
29	Cp-27	CP.29	227208.712	2407791.916	E84°21'44.76984"	N21°45'10.01576"
30	Cp-26	CP.30	227209.104	2407690.335	E84°21'44.84377"	N21°45'06.71554"
31	Cp-25	CP.31	227213.058	2407605.424	E84°21'45.03172"	N21°45'03.95891"
32	Cp-24	CP.32	227219.048	2407533.948	E84°21'45.28247"	N21°45'01.63991"
33	Cp-23	CP.33	227225.736	2407451.784	E84°21'45.56388"	N21°44'58.97405"
34	Cp-22	CP.34	227238.017	2407323.973	E84°21'46.06684"	N21°44'54.82819"
35	Cp-21	CP.35	227253.154	2407157.423	E84°21'46.69213"	N21°44'49.42523"
36	Cp-20	CP.36	227265.875	2407027.167	E84°21'47.21184"	N21°44'45.20017"
37	Cp-19	CP.37	227277.727	2406892.154	E84°21'47.70416"	N21°44'40.82002"
38	Cp-18	CP.38	227294.415	2406723.943	E84°21'48.38433"	N21°44'35.36397"
39	Cp-17	CP.39	227310.276	2406545.362	E84°21'49.04187"	N21°44'29.57051"
40	Cp-16	CP.40	227318.675	2406451.696	E84°21'49.38951"	N21°44'26.53188"
41	Cp-15	CP.41	227320.246	2406373.616	E84°21'49.49044"	N21°44'23.99586"
42	Cp-14	CP.42	227316.360	2406347.141	E84°21'49.37100"	N21°44'23.13351"
43	Cp-13	CP.43	227271.956	2406171.199	E84°21'47.93117"	N21°44'17.39239"
44	Cp-12	CP.44	227228.352	2406041.571	E84°21'46.49168"	N21°44'13.15649"
45	Cp-11	CP.45	227184.684	2405913.146	E84°21'45.04929"	N21°44'08.95967"
46	Cp-10	CP.46	227145.687	2405782.322	E84°21'43.77076"	N21°44'04.68745"
47	Cp-9	CP.47	227090.786	2405616.929	E84°21'41.95973"	N21°43'59.28328"
48	Cp-8	CP.48	227051.716	2405518.981	E84°21'40.65919"	N21°43'56.07918"
49	Cp-7	CP.49	227008.111	2405406.464	E84°21'39.20961"	N21°43'52.39924"
50	Cp-6	CP.50	226976.276	2405319.914	E84°21'38.15395"	N21°43'49.56950"
51	Cp-5	CP.51	226945.488	2405237.637	E84°21'37.13215"	N21°43'46.87917"
52	Cp-4	CP.52	226922.536	2405175.770	E84°21'36.37075"	N21°43'44.85634"
53	Cp-3	CP.53	226891.351	2405086.576	E84°21'35.33927"	N21°43'41.94105"
54	Cp-2	CP.54	226881.806	2405048.136	E84°21'35.03019"	N21°43'40.68682"
55	Cp-515	CP.55	226839.443	2404920.904	E84°21'33.63262"	N21°43'36.52947"

DERIVED CO-ORDINATES OF VILLAGE FOREST POINT
(CH- 307/500 TO 313/800 KM. KUCHINDA BY-PASS)

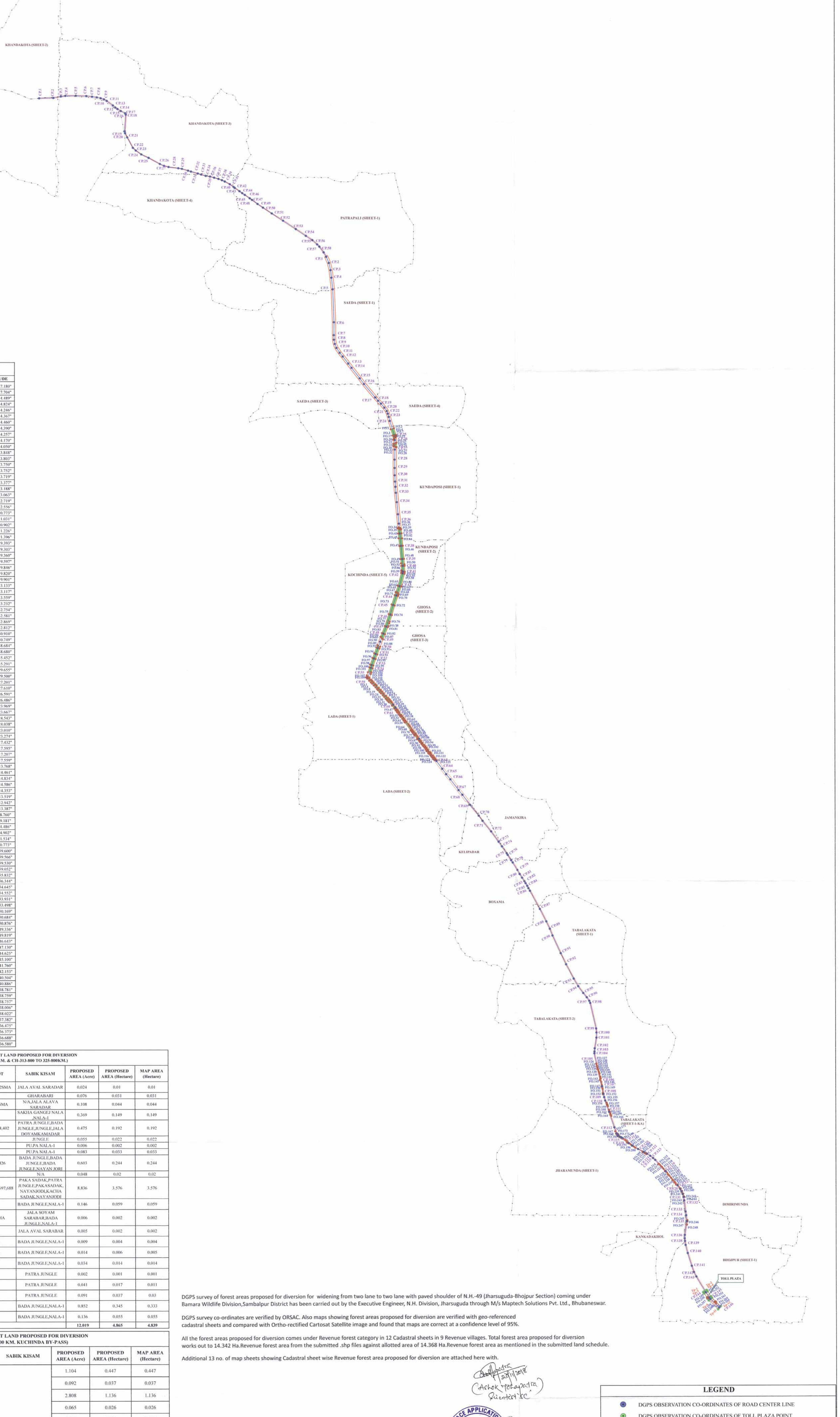
SL.NO	POINT ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	FO.1	227154.738	2408321.119	E84° 21' 42.578"	N21° 45' 27.180"
2	FO.2	227197.052	2408336.528	E84° 21' 44.041"	N21° 45' 27.704"
3	FO.3	227181.530	2408237.838	E84° 21' 43.560"	N21° 45' 24.489"
4	FO.4	227225.730	2408247.384	E84° 21' 45.091"	N21° 45' 24.824"
5	FO.5	227227.774	2408229.556	E84° 21' 45.173"	N21° 45' 24.246"
6	FO.6	227223.023	2408233.375	E84° 21' 45.005"	N21° 45' 24.367"
7	FO.7	227216.541	2408236.351	E84° 21' 44.778"	N21° 45' 24.460"
8	FO.8	227210.654	2408234.301	E84° 21' 44.575"	N21° 45' 24.390"
9	FO.9	227206.288	2408230.266	E84° 21' 44.425"	N21° 45' 24.257"
10	FO.10	227204.899	2408227.620	E84° 21' 44.378"	N21° 45' 24.170"
11	FO.11	227208.934	2408223.850	E84° 21' 44.521"	N21° 45' 24.050"
12	FO.12	227209.000	2408217.632	E84° 21' 44.527"	N21° 45' 23.848"
13	FO.13	227209.596	2408216.243	E84° 21' 44.549"	N21° 45' 23.803"
14	FO.14	227214.292	2408214.523	E84° 21' 44.713"	N21° 45' 23.750"
15	FO.15	227221.729	2408214.470	E84° 21' 44.972"	N21° 45' 23.752"
16	FO.16	227220.973	2408213.465	E84° 21' 44.946"	N21° 45' 23.719"
17	FO.17	227208.471	2408203.146	E84° 21' 44.517"	N21° 45' 23.377"
18	FO.18	227201.063	2408197.458	E84° 21' 44.263"	N21° 45' 23.188"
19	FO.19	227197.491	2408193.687	E84° 21' 44.141"	N21° 45' 23.063"
20	FO.20	227191.869	2408183.170	E84° 21' 43.952"	N21° 45' 22.719"
21	FO.21	227188.366	2408178.215	E84° 21' 43.833"	N21° 45' 22.556"
22	FO.22	227188.726	2408123.337	E84° 21' 43.878"	N21° 45' 20.773"
23	FO.23	227212.825	2408130.877	E84° 21' 44.712"	N21° 45' 21.031"
24	FO.24	227221.380	2408126.750	E84° 21' 45.012"	N21° 45' 20.902"
25	FO.25	227225.110	2408136.672	E84° 21' 45.135"	N21° 45' 21.226"
26	FO.26	227233.739	2408141.752	E84° 21' 45.433"	N21° 45' 21.396"
27	FO.27	227233.695	2408080.094	E84° 21' 45.468"	N21° 45' 19.393"
28	FO.28	227226.608	2408077.463	E84° 21' 45.223"	N21° 45' 19.303"
29	FO.29	227217.956	2408079.368	E84° 21' 44.921"	N21° 45' 19.360"
30	FO.30	227212.479	2408086.750	E84° 21' 44.726"	N21° 45' 19.597"
31	FO.31	227204.780	2408094.529	E84° 21' 44.453"	N21° 45' 19.846"
32	FO.32	227195.572	2408093.894	E84° 21' 44.134"	N21° 45' 19.820"
33	FO.33	227188.707	2408096.513	E84° 21' 43.893"	N21° 45' 19.901"
34	FO.34	227249.357	2406963.817	E84° 21' 46.675"	N21° 44' 43.133"
35	FO.35	227253.285	2406963.262	E84° 21' 46.812"	N21° 44' 43.117"
36	FO.36	227263.868	2406976.702	E84° 21' 47.172"	N21° 44' 43.559"
37	FO.37	227281.754	2406966.331	E84° 21' 47.800"	N21° 44' 43.232"
38	FO.38	227274.875	2406951.726	E84° 21' 47.570"	N21° 44' 42.754"
39	FO.39	227284.612	2406946.222	E84° 21' 47.912"	N21° 44' 42.581"
40	FO.40	227290.538	2406955.007	E84° 21' 48.112"	N21° 44' 42.869"
41	FO.41	227295.471	2406953.170	E84° 21' 48.285"	N21° 44' 42.812"
42	FO.42	227300.645	2406894.537	E84° 21' 48.500"	N21° 44' 40.910"
43	FO.43	227255.840	2406890.342	E84° 21' 46.944"	N21° 44' 40.749"
44	FO.44	227307.444	2406825.895	E84° 21' 48.777"	N21° 44' 38.684"
45	FO.45	227262.159	2406826.548	E84° 21' 47.202"	N21° 44' 38.680"
46	FO.46	227317.313	2406726.269	E84° 21' 49.179"	N21° 44' 35.452"
47	FO.47	227272.510	2406722.059	E84° 21' 47.624"	N21° 44' 35.291"
48	FO.48	227333.198	2406547.563	E84° 21' 49.838"	N21° 44' 29.655"
49	FO.49	227288.375	2406543.577	E84° 21' 48.281"	N21° 44' 29.500"
50	FO.50	227339.927	2406471.942	E84° 21' 50.117"	N21° 44' 27.201"
51	FO.51	227293.559	2406485.311	E84° 21' 48.496"	N21° 44' 27.610"
52	FO.52	227341.600	2406453.139	E84° 21' 50.186"	N21° 44' 26.591"
53	FO.53	227296.641	2406450.675	E84° 21' 48.624"	N21° 44' 26.486"
54	FO.54	227343.276	2406372.409	E84° 21' 50.292"	N21° 44' 23.969"
55	FO.55	227341.883	2406363.119	E84° 21' 50.249"	N21° 44' 23.667"
56	FO.56	227297.884	2406390.828	E84° 21' 48.703"	N21° 44' 24.543"
57	FO.57	227298.206	2406375.301	E84° 21' 48.723"	N21° 44' 24.038"
58	FO.58	227338.860	2406342.970	E84° 21' 50.156"	N21° 44' 23.010"
59	FO.59	227294.685	2406351.824	E84° 21' 48.614"	N21° 44' 23.274"
60	FO.60	227295.799	2406172.008	E84° 21' 48.760"	N21° 44' 17.432"
61	FO.61	227250.851	2406177.796	E84° 21' 47.193"	N21° 44' 17.595"
62	FO.62	227294.059	2406165.101	E84° 21' 48.703"	N21° 44' 17.207"
63	FO.63	227250.476	2406176.683	E84° 21' 47.181"	N21° 44' 17.559"
64	FO.64	227258.630	2406059.888	E84° 21' 47.534"	N21° 44' 13.768"
65	FO.65	227245.580	2406081.436	E84° 21' 47.067"	N21° 44' 14.461"
66	FO.66	227222.394	2406093.289	E84° 21' 46.254"	N21° 44' 14.834"
67	FO.67	227219.843	2406085.713	E84° 21' 46.170"	N21° 44' 14.586"
68	FO.68	227237.881	2406078.245	E84° 21' 46.801"	N21° 44' 14.353"
69	FO.69	227256.057	2406052.248	E84° 21' 47.449"	N21° 44' 13.519"
70	FO.70	227250.111	2406034.589	E84° 21' 47.252"	N21° 44' 12.942"
71	FO.71	227207.486	2406049.016	E84° 21' 45.762"	N21° 44' 13.387"
72	FO.72	227206.582	2405906.641	E84° 21' 45.815"	N21° 44' 8.760"
73	FO.73	227163.702	2405920.318	E84° 21' 44.315"	N21° 44' 9.181"
74	FO.74	227167.580	2405775.751	E84° 21' 44.536"	N21° 44' 4.486"
75	FO.75	227124.652	2405789.269	E84° 21' 43.035"	N21° 44' 4.902"
76	FO.76	227137.584	2405685.403	E84° 21' 43.546"	N21° 44' 1.534"
77	FO.77	227129.857	2405662.128	E84° 21' 43.292"	N21° 44' 0.773"
78	FO.78	227117.930	2405626.206	E84° 21' 42.898"	N21° 43' 59.600"
79	FO.79	227070.442	2405625.985	E84° 21' 41.247"	N21° 43' 59.566"
80	FO.80	227070.069	2405624.863	E84° 21' 41.235"	N21° 43' 59.530"
81	FO.81	227112.360	2405609.428	E84° 21' 42.714"	N21° 43' 59.052"
82	FO.82	227073.127	2405511.012	E84° 21' 41.408"	N21° 43' 55.832"
83	FO.83	227031.251	2405527.487	E84° 21' 39.942"	N21° 43' 56.344"
84	FO.84	227011.083	2405475.539	E84° 21' 39.272"	N21° 43' 54.645"
85	FO.85	227016.415	2405472.584	E84° 21' 39.459"	N21° 43' 54.552"
86	FO.86	227031.337	2405453.216	E84° 21' 39.990"	N21° 43' 53.931"
87	FO.87	227045.419	2405439.643	E84° 21' 40.487"	N21° 43' 53.498"
88	FO.88	227007.221	2405337.823	E84° 21' 39.219"	N21° 43' 50.169"
89	FO.89	226973.808	2405354.273	E84° 21' 38.048"	N21° 43' 50.684"
90	FO.90	226967.519	2405360.268	E84° 21' 37.825"	N21° 43' 50.876"
91	FO.91	226997.885	2405312.344	E84° 21' 38.910"	N21° 43' 49.336"
92	FO.92	226955.680	2405327.956	E84° 21' 37.433"	N21° 43' 49.819"
93	FO.93	226967.141	2405230.009	E84° 21' 37.890"	N21° 43' 46.643"
94	FO.94	226924.973	2405245.720	E84° 21' 36.414"	N21° 43' 47.130"
95	FO.95	226944.194	2405168.289	E84° 21' 37.128"	N21° 43' 44.625"
96	FO.96	226901.883	2405183.615	E84° 21' 35.648"	N21° 43' 45.100"
97	FO.97	226913.283	2405080.640	E84° 21' 36.105"	N21° 43' 41.760"
98	FO.98	226870.088	2405093.463	E84° 21' 34.596"	N21° 43' 42.153"
99	FO.99	226903.934	2405042.122	E84° 21' 35.803"	N21° 43' 40.504"
100	FO.100	226860.660	2405054.617	E84° 21' 34.291"	N21° 43' 40.886"
101	FO.101	226839.024	2404990.206	E84° 21' 33.577"	N21° 43' 38.781"
102	FO.102	226883.542	2404988.760	E84° 21' 35.126"	N21° 43' 38.759"
103	FO.103	226885.982	2404988.681	E84° 21' 35.211"	N21° 43' 38.757"
104	FO.104	226878.260	2404965.693	E84° 21' 34.956"	N21° 43' 38.006"
105	FO.105	226877.408	2404966.194	E84° 21' 34.926"	N21° 43' 38.022"
106	FO.106	226824.645	2404947.401	E84° 21' 33.102"	N21° 43' 37.382"
107	FO.107	226815.321	2404919.644	E84° 21' 32.795"	N21° 43' 36.475"
108	FO.108	226818.001	2404916.456	E84° 21' 32.890"	N21° 43' 36.373"
109	FO.109	226843.343	2404925.712	E84° 21' 33.765"	N21° 43' 36.688"
110	FO.110	226846.213	2404922.343	E84° 21' 33.867"	N21° 43' 36.580"

AREA STATISTICS OF FOREST LAND PROPOSED FOR DIVERSION
(CH- 302-750 TO 307-500 KM. & CH-313-800 TO 325-800KM.)

SL. NO.	VILLAGE NAME	HAL PLOT	HAL KISAM	SABIK PLOT	SABIK KISAM	PROPOSED AREA (Acre)	PROPOSED AREA (Hectare)	MAP AREA (Hectare)
1	BHOJPUR	23	JUNGLE	1SMA,11SMA,12SMA	JALA AVAL SARADAR	0.024	0.01	0.01
2		912	JUNGLE	425	GHARABARI	0.076	0.031	0.031
3		957	BADA JUNGLE	1413SMA,810SMA	N/A,JALA ALAVA SARADAR	0.108	0.044	0.044
4	DIMIRIMUNDA	3	GRAMYA JUNGLE	1SMA	SAKHA GANGEJ NALA ,NALA-1	0.369	0.149	0.149
5	JHARAMUNDA	857	JUNGLE	409,448,411,404,402	PATRA JUNGLE,BADA JUNGLE,JUNGLE,JALA DOYAMKAMADAR	0.475	0.192	0.192
6		859	JUNGLE	487	JUNGLE	0.055	0.022	0.022
7		890	JUNGLE	421	PU.PA NALA-1	0.006	0.002	0.002
8		892	JUNGLE	419	PU.PA NALA-1	0.083	0.033	0.033
9		940	JUNGLE	443,468,449,426	BADA JUNGLE,BADA JUNGLE,BADA JUNGLE,NAYAN JORI	0.603	0.244	0.244
10	KANKADAKHOL	47	PATRA JUNGLE	N/A	N/A	0.048	0.02	0.02
11	LADA	950	RASTA	693,698,699,696,697,688	PAKA SADAK,PATRA JUNGLE,PAKASADAK, NAYANJODI,KACHA SADAK,NAYANJODI	8.836	3.576	3.576
12	TABALAKATA (SHEET-1-KA)	1414	PATRA JUNGLE	979SMA	BADA JUNGLE,NALA-1	0.146	0.059	0.059
13		1416	BERNA SADHARANA	1008,1009SMA	JALA SOYAM SARABAR,BADA JUNGLE,NALA-1	0.006	0.002	0.002
14		1433	PATRA JUNGLE	84SMA	JALA AVAL SARABAR	0.005	0.002	0.002
15	TABALAKATA (SHEET-2)	711	RASTA	1003SMA	BADA JUNGLE,NALA-1	0.009	0.004	0.004
16		727	MALA SADHARANA	1003SMA	BADA JUNGLE,NALA-1	0.014	0.006	0.005
17		730	PATRA JUNGLE	1007	BADA JUNGLE,NALA-1	0.034	0.014	0.014
18		1155	MALA SADHARANA	956SMA	PATRA JUNGLE	0.002	0.001	0.001
19		1156	CHATANA	956SMA	PATRA JUNGLE	0.041	0.017	0.011
20		1157	MALA SADHARANA	956SMA	PATRA JUNGLE	0.091	0.037	0.03
21		1367	GRAMYA JUNGLE	978SMA	BADA JUNGLE,NALA-1	0.852	0.345	0.333
22		1367/1531	MALA SADHARANA	978SMA	BADA JUNGLE,NALA-1	0.136	0.055	0.055
	TOTAL AREA					12.019	4.865	4.839

AREA STATISTICS OF FOREST LAND PROPOSED FOR DIVERSION
(CH- 307/500 TO 313/800 KM. KUCHINDA BY-PASS)

SL. NO.	VILLAGE NAME	HAL PLOT	HAL KISAM	SABIK PLOT	SABIK KISAM	PROPOSED AREA (Acre)	PROPOSED AREA (Hectare)	MAP AREA (Hectare)
1	GHOSA (SHEET-2)	1742	JUNGLE	1495	RAJYA SARAKAR JUNGLE JAMI	1.104	0.447	0.447
2		1750	MALA SADHARANA	1495		0.092	0.037	0.037
3		1764	JUNGLE	1495SMA		2.808	1.136	1.136
4		1765	BERNA SADHARANA	1495SMA		0.065	0.026	0.026
5		1766	PATRA JUNGLE	1495SMA		1.470	0.595	0.595
6		1767	BERNA SADHARANA	1495SMA		0.275	0.111	0.111
7		1768	ADI	1495		0.059	0.024	0.024
8		1769	BERNA SADHARANA	1495SMA		0.002	0.001	0.001
9		1772	JUNGLE	1495SMA		0.539	0.218	0.218
10	GHOSA (SHEET-3)	1773	JUNGLE	1495SMA		2.010	0.813	0.813
11	KUCHINDA	3230	BADA JUNGLE	1745	N/A	2.313	0.936	0.936
12	KUNDAPOSI (SHEET-1)	274	JUNGLE	129SMA		1.373	0.556	0.556
13		289	JUNGLE	129SMA		0.480	0.194	0.194
14		1305	JUNGLE	523SMA		1.529	0.619	0.619
15	KUNDAPOSI (SHEET-2)	1325	JUNGLE	555SMA		3.881	1.571	1.571
16		1330	JUNGLE	555SMA		1.135	0.459	0.459
17	LADA (SHEET-1)	2	GRAMYA JUNGLE	2SMA	PATRA JUNGLE	1.830	0.741	0.741
18		13	GOCHARA	2SMA	PATRA JUNGLE	0.010	0.004	0.004
19		947	BASTI JOGYA	2SMA	PATRA JUNGLE	2.393	0.968	0.968
20		950	RASTA	693,698,699,696 ,697,688	PAKA SADAK,PATRA JUNGLE,PAKASADAK, NAYANJODI,KACHA SADAK,NAYANJODI	0.116	0.047	0.047
	TOTAL AREA					23.484	9.503	9.503



DGPS survey of forest areas proposed for diversion for widening from two lane to two lane with paved shoulder of N.H.-49 (Jharsuguda-Bhojpur Section) coming under Bamara Wildlife Division,Sambalpur District has been carried out by the Executive Engineer, N.H. Division, Jharsuguda through M/s Maptech Solutions Pvt. Ltd., Bhubaneswar.

DGPS survey co-ordinates are verified by ORSAC. Also maps showing forest areas proposed for diversion are verified with geo-referenced cadastral sheets and compared with Ortho-rectified Cartosat Satellite image and found that maps are correct at a confidence level of 95%.

All the forest areas proposed for diversion comes under Revenue forest category in 12 Cadastral sheets in 9 Revenue villages. Total forest area proposed for diversion works out to 14.342 Ha.Revenue forest area from the submitted .shp files against allotted area of 14.368 Ha.Revenue forest area as mentioned in the submitted land schedule.

Additional 13 no. of map sheets showing Cadastral sheet wise Revenue forest area proposed for diversion are attached here with.

20/11/2018
(Ashok Mohapatra)
Scientist 'SC'

ORISSA SPACE APPLICATIONS CENTRE
Map No. FDG 52
Date 20/11/2018
Auth. Signatory
20/11/2018
BHUBANESWAR

AREA STATISTICS OF FOREST LAND PROPOSED FOR DIVERSION

SL.NO.	VILLAGE NAME	PROPOSED AREA (Acre)	PROPOSED AREA (Hectare)	MAP AREA (Hectare)
1	BHOJPUR	0.208	0.085	0.085
2	DIMIRIMUNDA	0.369	0.149	0.149
3	GHOSA	8.424	3.408	3.408
4	JHARAMUNDA	1.222	0.493	0.493
5	KANKADAKHOL	0.048	0.02	0.02
6	KUCHINDA	2.313	0.936	0.936
7	KUNDAPOSI	8.398	3.399	3.399
8	LADA	13.185	5.336	5.336
9	TABALAKATA	1.336	0.542	0.516
	TOTAL AREA	35.503	14.368	14.342

LEGEND

●	DGPS OBSERVATION CO-ORDINATES OF ROAD CENTER LINE
●	DGPS OBSERVATION CO-ORDINATES OF TOLL PLAZA POINT
●	DERIVED CO-ORDINATES OF VILLAGE FOREST POINT
—	ROAD CENTER LINE
═	ROAD CORRIDOR
⬚	VILLAGE BOUNDARY
▨	TOLL PLAZA
🟩	VILLAGE FOREST AREA TO BE DIVERTED

DGPS SURVEY CONDUCTED & MAP PREPARED BY:

MAPTECH SOLUTIONS PRIVATE LIMITED
N-5/111
Jayadev Vihar
BBSR-751015

Bibeka Nanda Panigrahi

MAPTECH SOLUTIONS PVT.LTD.

N-5/111 , GROUND FLOOR
JAYDEV VIHAR BHUBANESWAR