

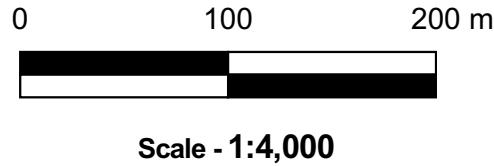
Pillar ID	Latitude	Longitude	Side
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2	24.5317456569	72.0101466552	RHS
3	24.5317532699	72.0102362624	LHS
4	24.5317650051	72.0103081612	LHS
5	24.5305341261	72.0105247974	LHS
6	24.5301508048	72.0104821704	RHS
7	24.5306414912	72.0102691558	RHS
8	24.5303513515	72.0103807166	RHS
9	24.530031441	72.010317904	RHS
10	24.5299057782	72.0103723037	RHS
11	24.528855454	72.010064705	RHS
12	24.529014045	72.010048015	RHS
13	24.527675602	72.0096592036	RHS
14	24.527695752	72.009587817	RHS



Checked By: T Banerjee

Sheet No: - 01

Map Size: - A2



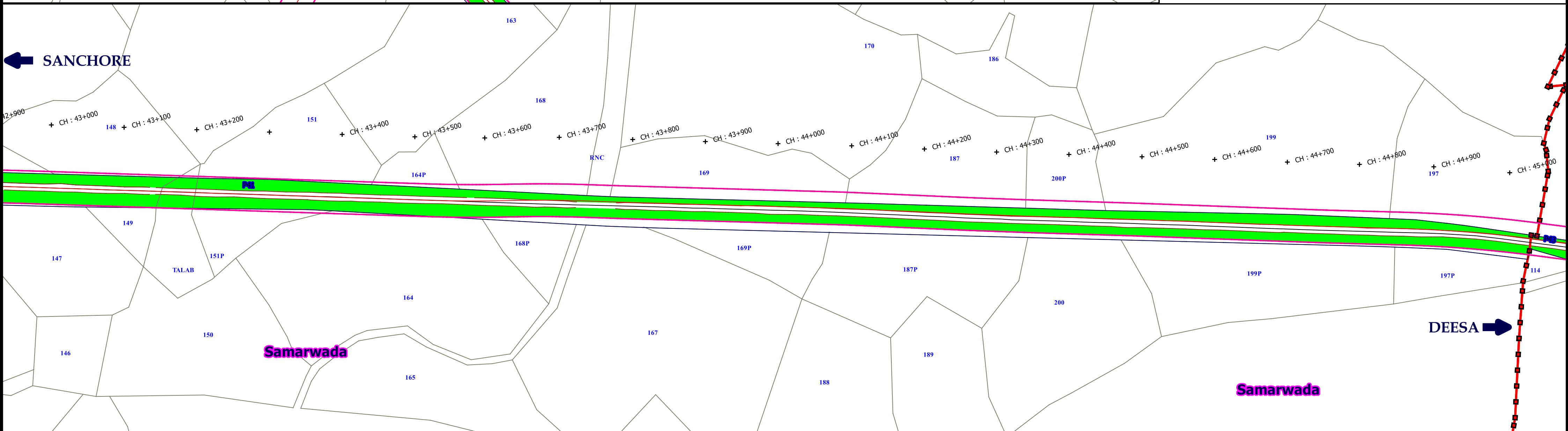
Legend

-  Proposed Centerline
 Existing Centerline
 Chainage km
 Proposed RoW
 Village Boundary
 Protected Forests
 Existing RoW
 GPS Pillar



**Widenning and Strengthening of Dhanera - Zerda Section of NH-168A in
the State of Gujarat
Package-IV
Km 00+000 to Km 11+000 (Dhanera Bypass) and Km 42+300 to Km 55+030**

Pillar ID	Latitude	Longitude	Side	Pillar ID	Latitude	Longitude	Side
15	24.4869331948	72.0606430912	RHS	46	24.470121578	72.067843406	LHS
16	24.4869982148	72.0606213798	RHS	47	24.469333429	72.068339339	RHS
17	24.4871401166	72.0605728555	LHS	48	24.469497872	72.068669273	LHS
18	24.4870755779	72.0605946566	LHS	49	24.467856615	72.069860932	RHS
19	24.4866213429	72.0587331861	LHS	50	24.468127706	72.070061843	LHS
20	24.4864806196	72.0584802548	RHS	51	24.467436941	72.070450052	RHS
21	24.4863267485	72.0582260665	RHS	52	24.467527135	72.070578596	LHS
22	24.4862156254	72.0580914186	RHS	53	24.4668295451	72.0708135556	RHS
23	24.486551226	72.0592866698	RHS	54	24.466873759	72.070882518	RHS
24	24.4823784464	72.0553994744	LHS	55	24.4668970219	72.0709145549	RHS
25	24.4822650596	72.0553293385	LHS	56	24.4669487256	72.0709857623	LHS
26	24.4821860709	72.0552804801	RHS	57	24.466979195	72.071026544	LHS
27	24.4821054534	72.0552306148	RHS				
28	24.481800006	72.055386703	RHS				
29	24.481689241	72.0555468	RHS				
30	24.480443377	72.057408305	LHS				
31	24.4803311442	72.0573448997	LHS				
32	24.4800082854	72.0572900909	RHS				
33	24.478441674	72.059495644	LHS				
34	24.477315791	72.060093893	RHS				
35	24.476053946	72.0616040546	RHS				
36	24.475644338	72.062145367	LHS				
37	24.475124989	72.062398311	RHS				
38	24.475309811	72.062608604	LHS				
39	24.4738458152	72.0641359202	LHS				
40	24.473618609	72.063961638	RHS				
41	24.4729610705	72.0648025197	RHS				
42	24.4725571852	72.0653402483	LHS				
43	24.470650771	72.066991903	RHS				
44	24.4709212873	72.0671685573	LHS				
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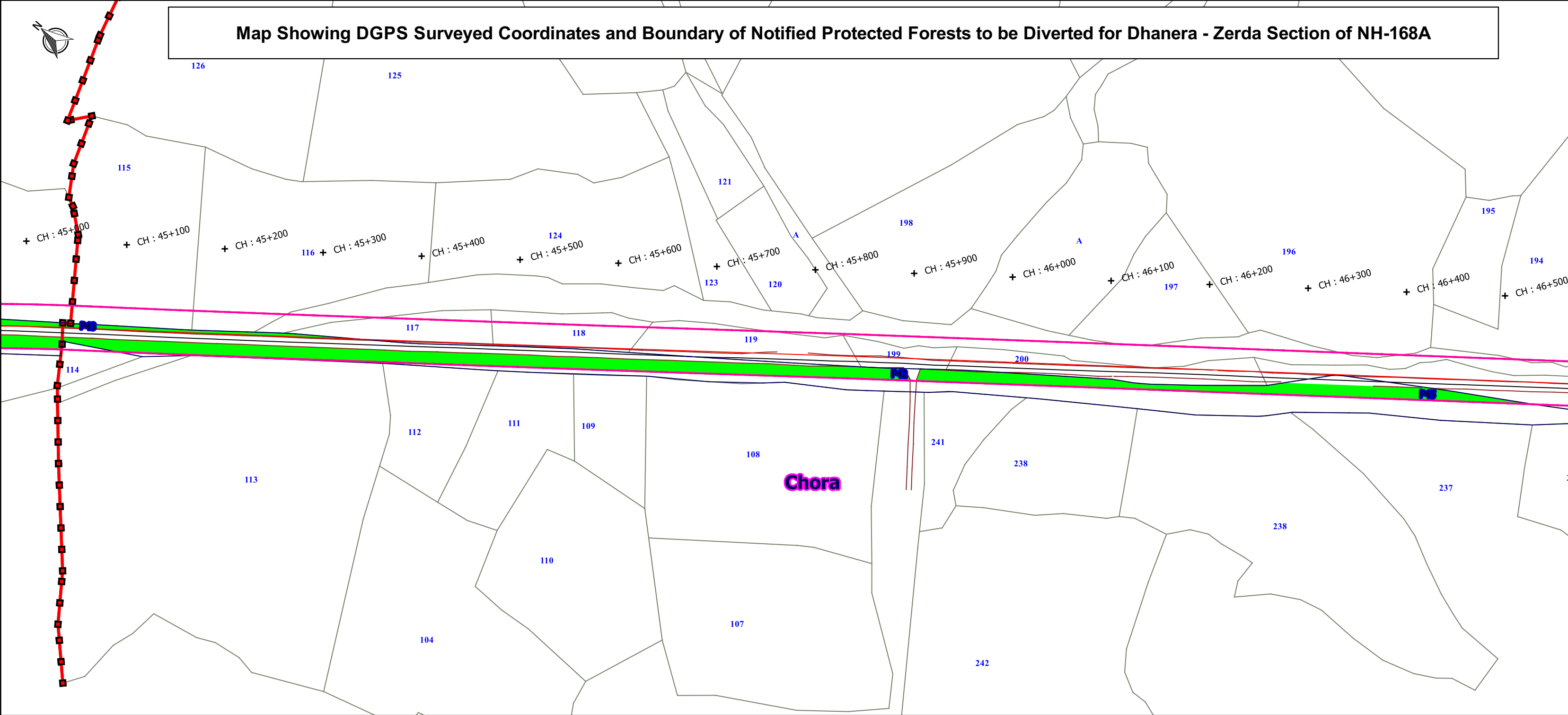
Map Size: - A2



- Proposed Centerline Existing Centerline + Chainage km
 Proposed RoW  Village Boundary  Protected Forests
 Existing RoW  GPS Pillar



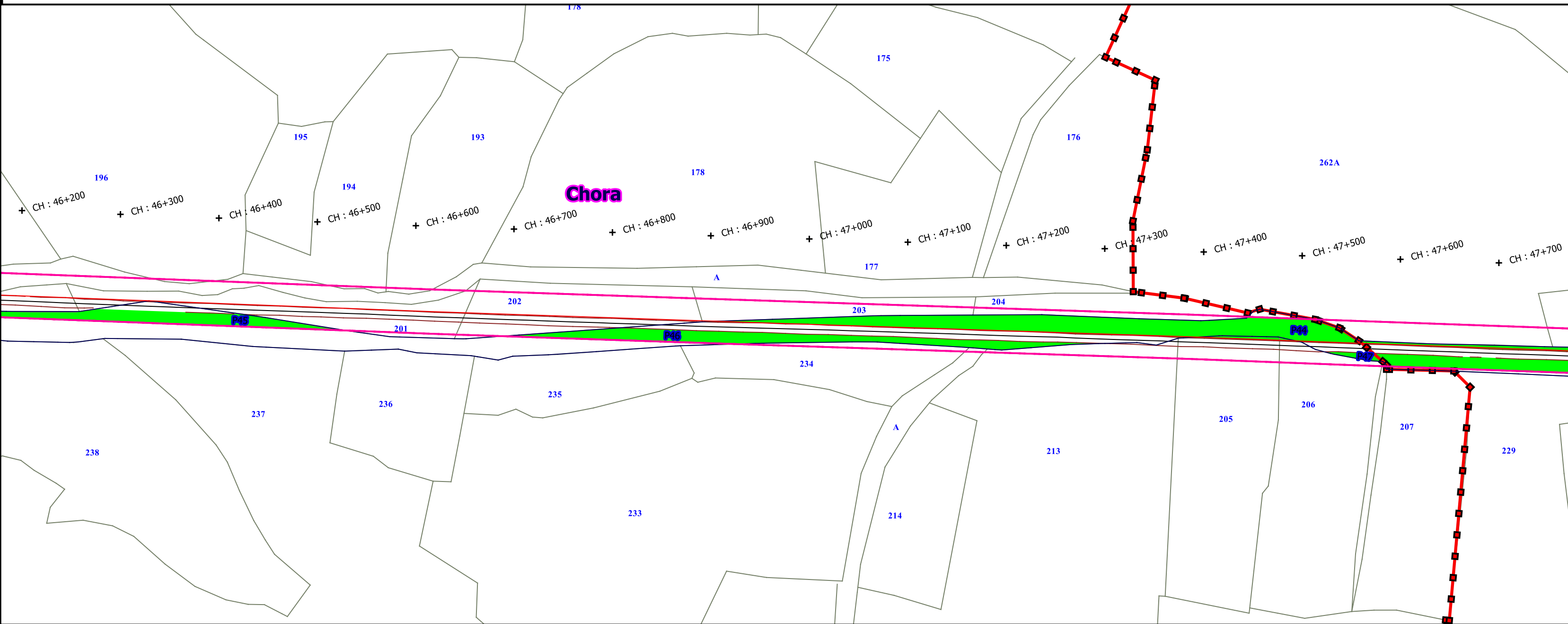
Map Showing DGPS Surveyed Coordinates and Boundary of Notified Protected Forests to be Diverted for Dhanera - Zerda Section of NH-168A



DHANERA



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Widenning and Strengthening of Dhanera - Zerda Section of NH-168A in the State of Gujarat
Package-IV
Km 00+000 to Km 11+000 (Dhanera Bypass) and Km 42+300 to Km 55+030

Pillar Coordinates - Chora

Pillar ID	Latitude	Longitude	Side
76	24.462461923	72.074542545	RHS
78	24.465019492	72.072350361	RHS
79	24.4664228257	72.0711574071	RHS
80	24.466508354	72.0712396	RHS
82	24.4638330099	72.0735251768	RHS
84	24.461500676	72.075508796	RHS
85	24.460828186	72.076109355	RHS
86	24.4607038972	72.0760523415	RHS
88	24.466055665	72.071784005	LHS
89	24.465083785	72.072600035	LHS
90	24.4646819249	72.0729120355	LHS
91	24.465992516	72.071788627	LHS
92	24.449043626	72.086355905	LHS
93	24.4489965275	72.0863551215	LHS
94	24.451757327	72.083989027	LHS
95	24.452685886	72.083193027	LHS
96	24.4537540129	72.0822616292	LHS
97	24.452771736	72.083234244	LHS
98	24.451417278	72.084509653	LHS
99	24.450712282	72.085106202	LHS
100	24.450268359	72.085489893	LHS
101	24.449963176	72.085803632	LHS
102	24.4499615483	72.0858235621	LHS
103	24.449679257	72.086064136	LHS
104	24.4494756906	72.0862376176	LHS
105	24.449256317	72.086328862	LHS
106	24.449043626	72.086355905	LHS
107	24.460652469	72.076096254	RHS
108	24.4607007558	72.0762086056	RHS
109	24.459306632	72.077360035	RHS
110	24.459132914	72.077473655	RHS
111	24.458176725	72.078320012	RHS
112	24.4580734198	72.0784491217	RHS
113	24.457015235	72.079354049	RHS
114	24.4561953618	72.0798978845	RHS
115	24.458126929	72.078251662	RHS
116	24.455075778	72.080854489	RHS
117	24.4542933719	72.0816867773	RHS
118	24.453913408	72.082013599	RHS
119	24.452630782	72.083119998	RHS
120	24.451705366	72.083913938	RHS
121	24.4508107558	72.0846919225	RHS
122	24.451488522	72.083981261	RHS
123	24.451703187	72.083811163	RHS
124	24.452586154	72.083075453	RHS
125	24.4533922098	72.082304792	RHS
126	24.455075778	72.080854489	RHS
127	24.448753776	72.086351083	RHS
128	24.4492210722	72.0860477142	RHS
129	24.4488688647	72.0863529976	RHS
130	24.448753776	72.086351083	RHS

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Prepared By: Kiran Kumar

Checked By: T Banerjee

Sheet No: - 03

Map Size: - A2

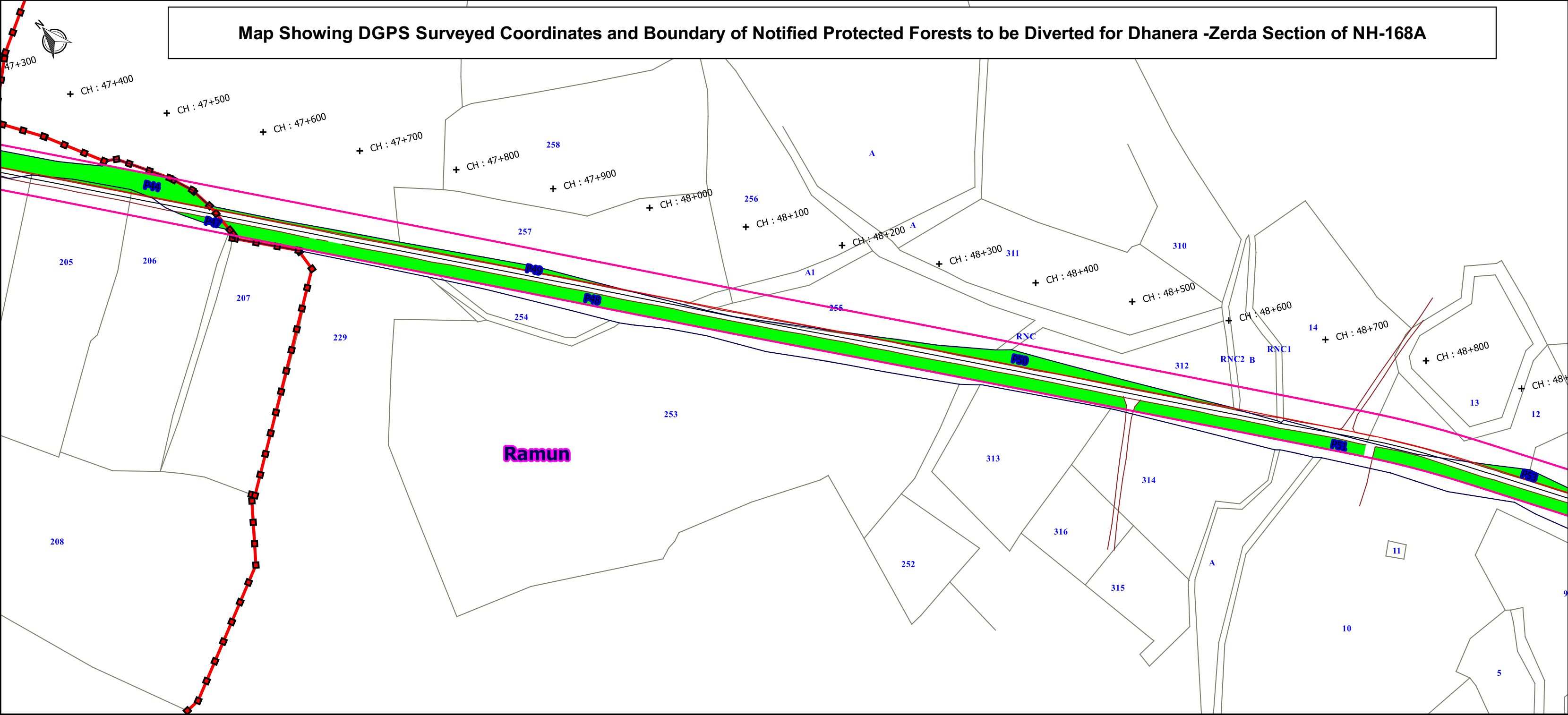
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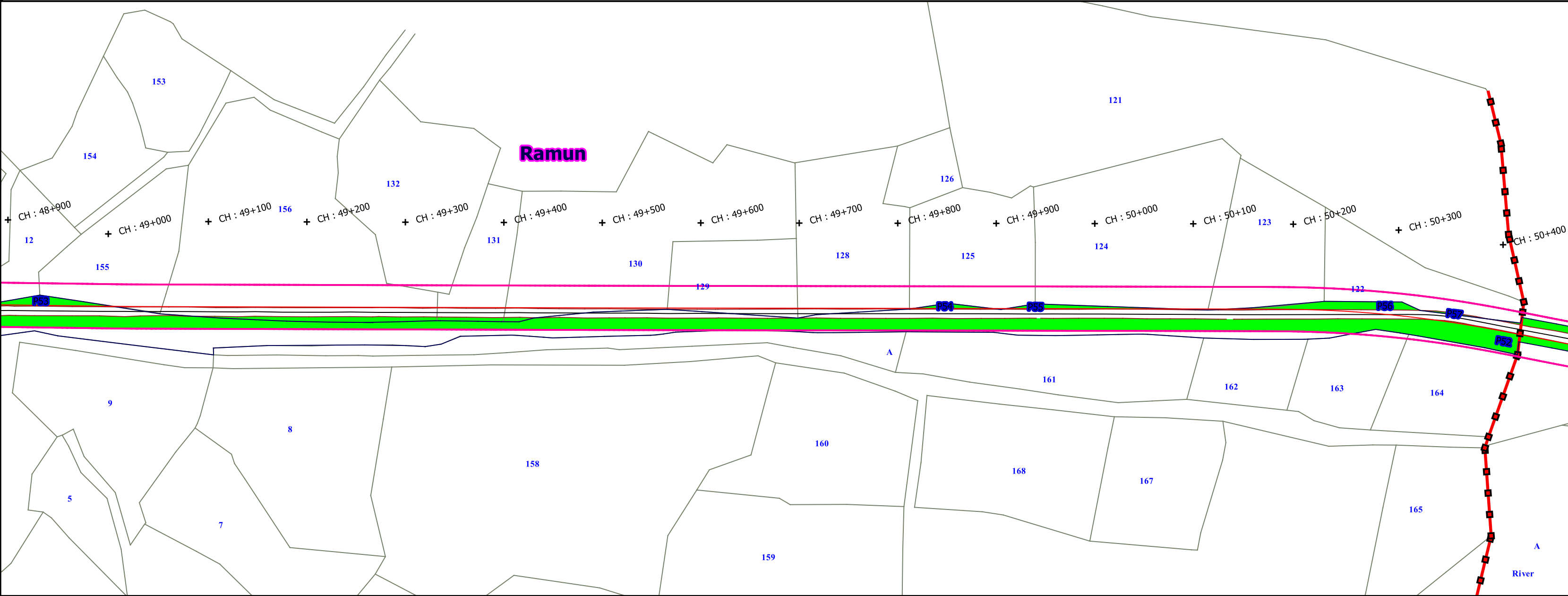
Legend

- Proposed Centerline
- Proposed RoW
- Existing Centerline
- Village Boundary
- Existing RoW
- Chainage km
- Protected Forests
- GPS Pillar



← DHANERA

DEESA →



Widening and Strengthening of Dhanera - Zerda Section of NH-168A in the State of Gujarat
Package-IV
Km 00+000 to Km 11+000 (Dhanera Bypass) and Km 42+300 to Km 55+030

Pillar Coordinates - Ramun							
Pillar ID	Latitude	Longitude	Side	Pillar ID	Latitude	Longitude	Side
131	24.4487000235	72.0863374781	RHS	196	24.439284757	72.094638326	LHS
132	24.447980725	72.087109738	RHS	197	24.4386321125	72.094946048	LHS
134	24.446371987	72.088488513	RHS	198	24.439267415	72.094520663	LHS
136	24.442755535	72.091589813	RHS	199	24.4397247305	72.0942099774	LHS
137	24.4422273508	72.0920313376	RHS	200	24.4324873714	72.0991373049	LHS
138	24.442156386	72.092000786	RHS	201	24.432468477	72.099152098	LHS
139	24.4421265279	72.0919688357	RHS	202	24.43219714	72.099405802	LHS
140	24.442679543	72.091495337	RHS	203	24.4317762802	72.0996245169	LHS
141	24.445554412	72.089026291	RHS	204	24.431915849	72.099527895	LHS
142	24.447261711	72.087570183	RHS	205	24.432282474	72.099278609	LHS
143	24.4481728944	72.0871046224	LHS	207	24.4324873714	72.0991373049	LHS
144	24.4470841533	72.0880610655	LHS	208	24.430147321	72.100733188	LHS
145	24.446568363	72.088503442	LHS	209	24.43174543	72.0996458742	LHS
146	24.4458929454	72.089010797	LHS	210	24.431516758	72.099865937	LHS
148	24.4445492258	72.0901570689	LHS	211	24.431151134	72.100052578	LHS
149	24.443320868	72.091376178	LHS	212	24.431529324	72.099792467	LHS
150	24.443230156	72.091494635	LHS	213	24.428680557	72.101835074	LHS
151	24.442140484	72.092304004	LHS	214	24.4284962654	72.101861515	LHS
152	24.441491494	72.092797486	LHS	215	24.428763001	72.101684782	LHS
153	24.441444027	72.092823964	LHS	216	24.429323211	72.101303322	LHS
154	24.4413788013	72.0928712034	LHS	217	24.429817298	72.100985939	LHS
155	24.441893308	72.092441328	LHS	218	24.429286571	72.101426511	LHS
156	24.443230999	72.091296233	LHS	219	24.428680557	72.101835074	LHS
157	24.444470253	72.09021915	LHS	220	24.427657993	72.102287411	LHS
158	24.4445492258	72.0901570689	LHS	221	24.427673165	72.102343261	LHS
159	24.4404442569	72.093556861	RHS	222	24.4276432446	72.1022735849	LHS
160	24.4403764942	72.0934624817	RHS	223	24.4284962654	72.101861515	LHS
161	24.44143608	72.092559999	RHS	224	24.428034804	72.102106286	LHS
162	24.4420732484	72.0920144539	RHS	225	24.428259205	72.101981733	LHS
163	24.442094486	72.092051016	RHS				
164	24.4421065008	72.0921350671	RHS				
165	24.4415569264	72.0926045937	RHS				
166	24.441416191	72.092732188	RHS				
167	24.441184744	72.092926187	RHS				
168	24.441083906	72.093004031	RHS				
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172	24.431024191	72.099885146	RHS				
173	24.432899038	72.098603425	RHS				
174	24.434391152	72.097582918	RHS				
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178	24.4403109384	72.0935167453	RHS				
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181	24.438520807	72.094907754	RHS				
182	24.437644283	72.095507947	RHS				
183	24.436201309	72.096497492	RHS				
184	24.434067712	72.097946922	RHS				
185	24.432606108	72.098946515	RHS				
186	24.430578157	72.100333843	RHS				
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189	24.428257348	72.101905317	RHS				
190	24.427607477	72.1021902932	RHS				
191	24.427580002	72.102117977	RHS				
192	24.427526638	72.102002044	RHS				
193	24.428750958	72.10146209	RHS				
194	24.4289128429	72.1012981815	RHS				
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Prepared By: Kiran Kumar

Checked By: T Banerjee

Sheet No: - 01

Map Size: - A2

0100200 m

Scale - 1:4,000

Legend

Proposed Centerline

Proposed RoW

Existing Centerline

Village Boundary

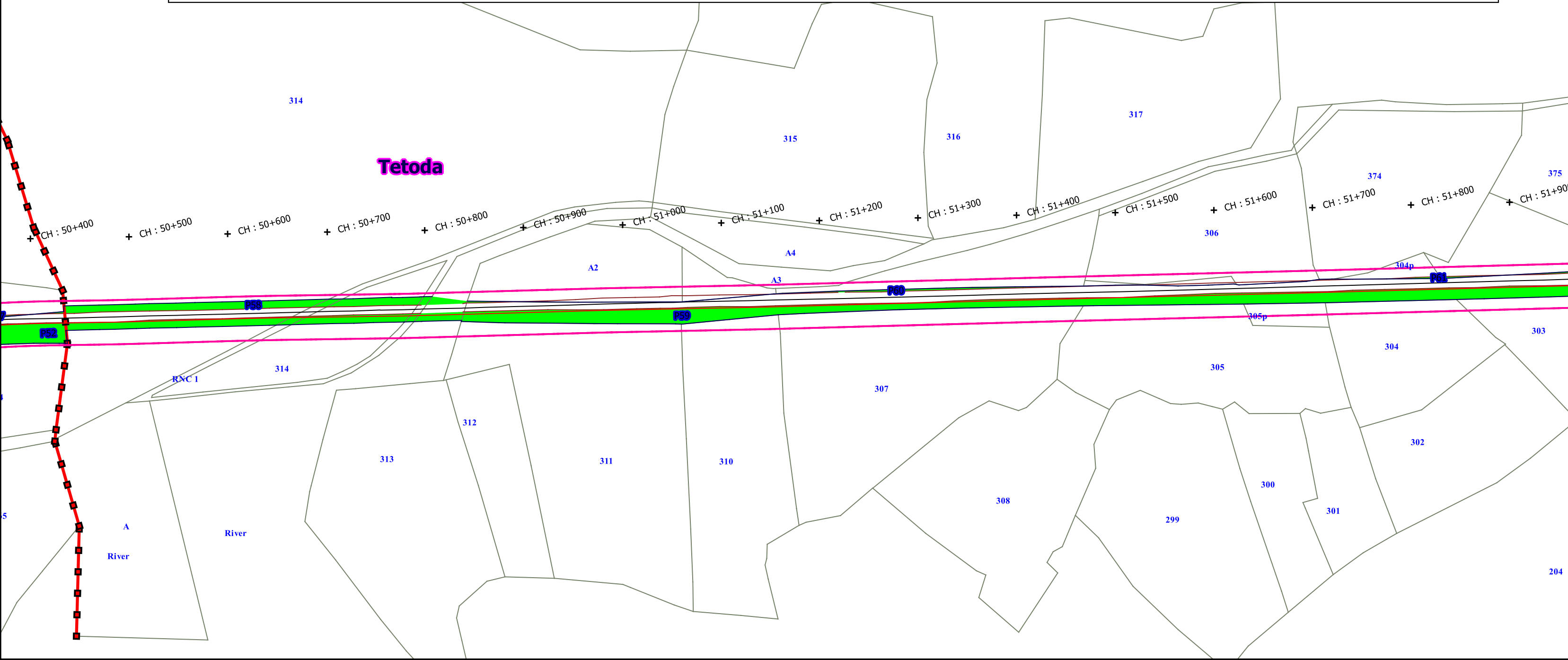
GPS Pillar

Chainage km

Protected Forests

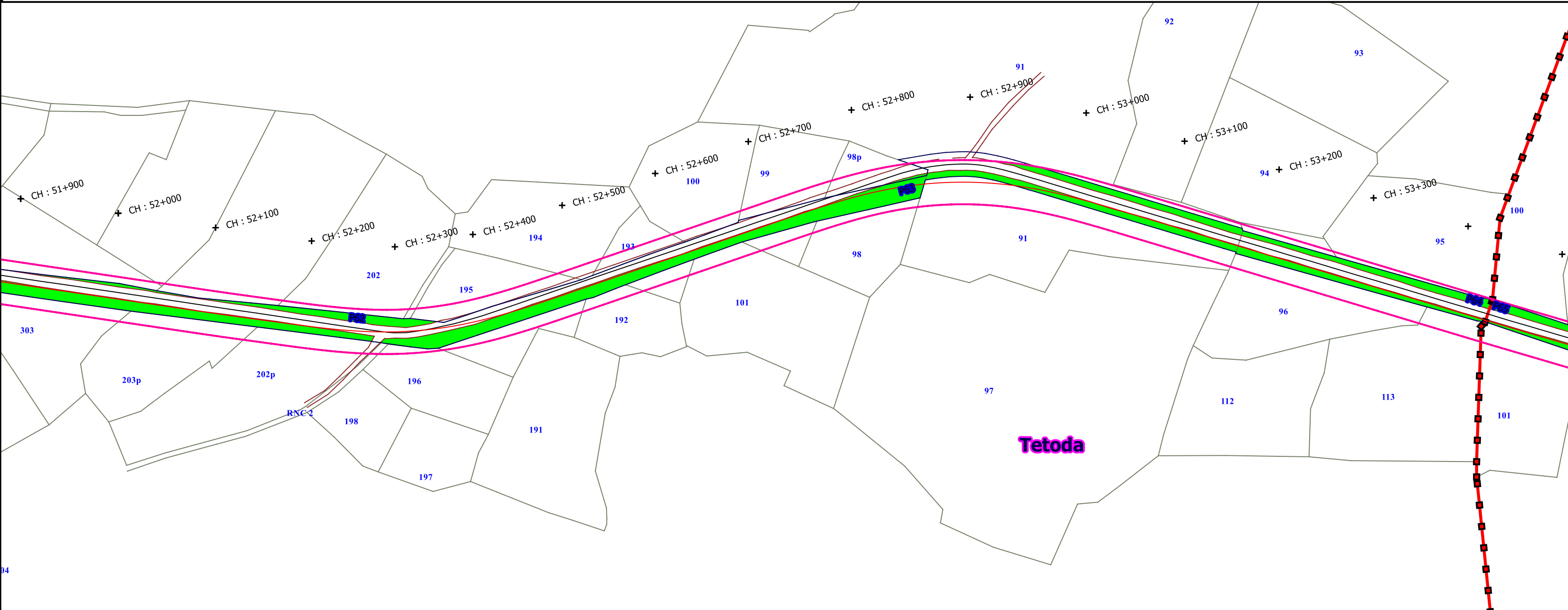


Map Showing DGPS Surveyed Coordinates and Boundary of Notified Protected Forests to be Diverted for Dhanera -Zerda Section of NH-168A



DHANERA

DEESA



Pillar Coordinates - Tetoda

Pillar ID	Latitude	Longitude	Side
226	24.4276432446	72.1022735849	LHS
227	24.427673165	72.102343261	LHS
228	24.426720853	72.102753709	LHS
229	24.424788869	72.103586286	LHS
230	24.424539309	72.103696465	LHS
231	24.424223166	72.103773337	LHS
232	24.423762485	72.103952001	LHS
233	24.424252748	72.103735103	LHS
235	24.426301362	72.102851673	LHS
237	24.4276432446	72.1022735849	LHS
238	24.427607477	72.1021902932	RHS
240	24.426272711	72.102765921	RHS
242	24.423503304	72.103969808	RHS
243	24.422742699	72.104284073	RHS
244	24.421559101	72.104788959	RHS
245	24.420657019	72.105175432	RHS
246	24.419725683	72.105588596	RHS
247	24.41860738	72.106056547	RHS
248	24.417344407	72.106615375	RHS
249	24.416374557	72.107035643	RHS
250	24.41560126	72.107364583	RHS
251	24.4143654	72.10790008	RHS
252	24.413801842	72.108143606	RHS
253	24.412989563	72.108503291	RHS
254	24.412145087	72.108867449	RHS
255	24.4121428237	72.1088076275	RHS
256	24.412407861	72.108685227	RHS
257	24.413344443	72.108252397	RHS
258	24.414227337	72.107844358	RHS
259	24.415491401	72.107289001	RHS
260	24.416217053	72.106975701	RHS
261	24.417507358	72.106427256	RHS
262	24.419082543	72.10577431	RHS
263	24.420481956	72.105177593	RHS
264	24.421507528	72.104713021	RHS
265	24.422305001	72.104294736	RHS
266	24.423830739	72.103698435	RHS
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268	24.424211358	72.103571185	RHS
269	24.425307753	72.103099868	RHS
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271	24.427607477	72.1021902932	RHS
272	24.421601703	72.104896273	LHS
273	24.4216025386	72.1048981024	LHS
274	24.421075581	72.105138792	LHS
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277	24.418704212	72.10614981	LHS
278	24.4184728879	72.1062442691	LHS
279	24.418641759	72.106173071	LHS
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281	24.420068515	72.105555051	LHS
282	24.421064696	72.105128968	LHS
283	24.421601703	72.104896273	LHS
284	24.416149537	72.107255258	LHS
287	24.4153697468	72.1075903532	LHS
288	24.415581604	72.107491552	LHS
289	24.415925162	72.107331812	LHS
291	24.4165639356	72.1070711242	LHS
292	24.4165633103	72.1070689799	LHS
293	24.4165639356	72.1070711242	LHS

Pillar ID	Latitude	Longitude	Side
294	24.4153697468	72.1075903532	LHS
295	24.415014391	72.107756076	LHS
296	24.414404673	72.108045404	LHS
298	24.413712049	72.108316827	LHS
299	24.4130807818	72.1086329688	LHS
300	24.411994807	72.109164282	LHS
301	24.41194082	72.109202662	LHS
302	24.4117147262	72.1093089045	LHS
304	24.411935266	72.109100232	LHS
305	24.412451665	72.108854845	LHS
307	24.413435824	72.108429922	LHS
309	24.414166518	72.108116645	LHS
310	24.414395132	72.108011273	LHS
313	24.415062278	72.107720437	LHS
314	24.4153697468	72.1075903532	LHS
315	24.408060434	72.113296275	RHS
316	24.408329664	72.113134475	RHS
317	24.408494782	72.112993307	RHS
318	24.40845526	72.112811603	RHS
319	24.409187841	72.112067655	RHS
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321	24.410588502	72.110302333	RHS
322	24.411584077	72.109082409	RHS
323	24.411665447	72.109023764	RHS
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325	24.41205367	72.108898261	RHS
328	24.411883592	72.109007722	RHS
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348	24.406214348	72.114046642	LHS
349	24.405764794	72.114164221	LHS
350	24.405747281	72.114147319	LHS
351	24.404870024	72.11439119	LHS
352	24.403585922	72.114749013	LHS
353	24.403454923	72.114801263	LHS
354	24.4034364823	72.1147038013	LHS
355	24.404103129	72.114529306	LHS
356	24.40508306	72.114275159	LHS
357	24.40563082	72.114128645	LHS
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360	24.407667438	72.113605921	LHS
361	24.407860737	72.113562674	LHS
362	24.4080451347	72.1134974219	LHS

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Prepared By: Kiran Kumar

Checked By: T Banerjee

Sheet No: - 01

Map Size: - A2

0 100 200 m



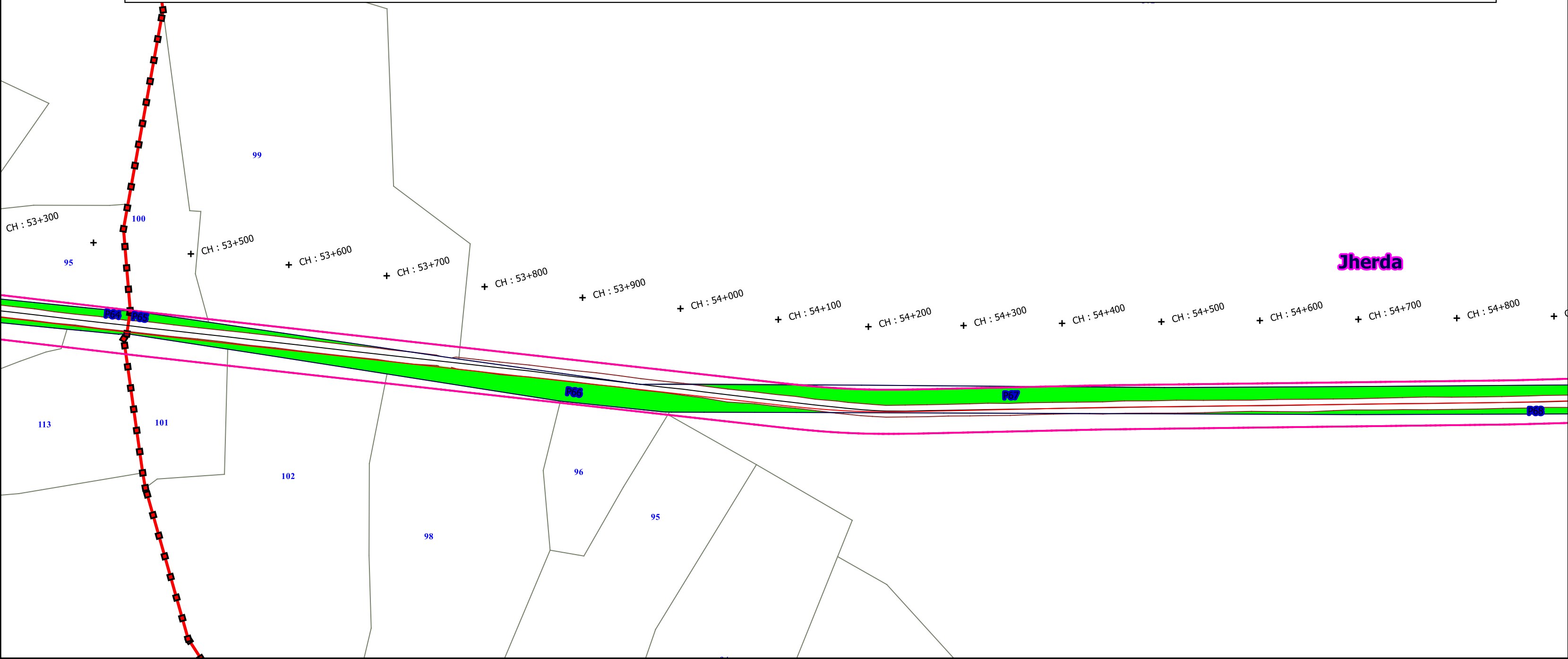
Scale - 1:4,000

Legend

- Proposed Centerline
- Proposed RoW
- Existing Centerline
- Village Boundary
- Protected Forests
- GPS Pillar
- Chainage km

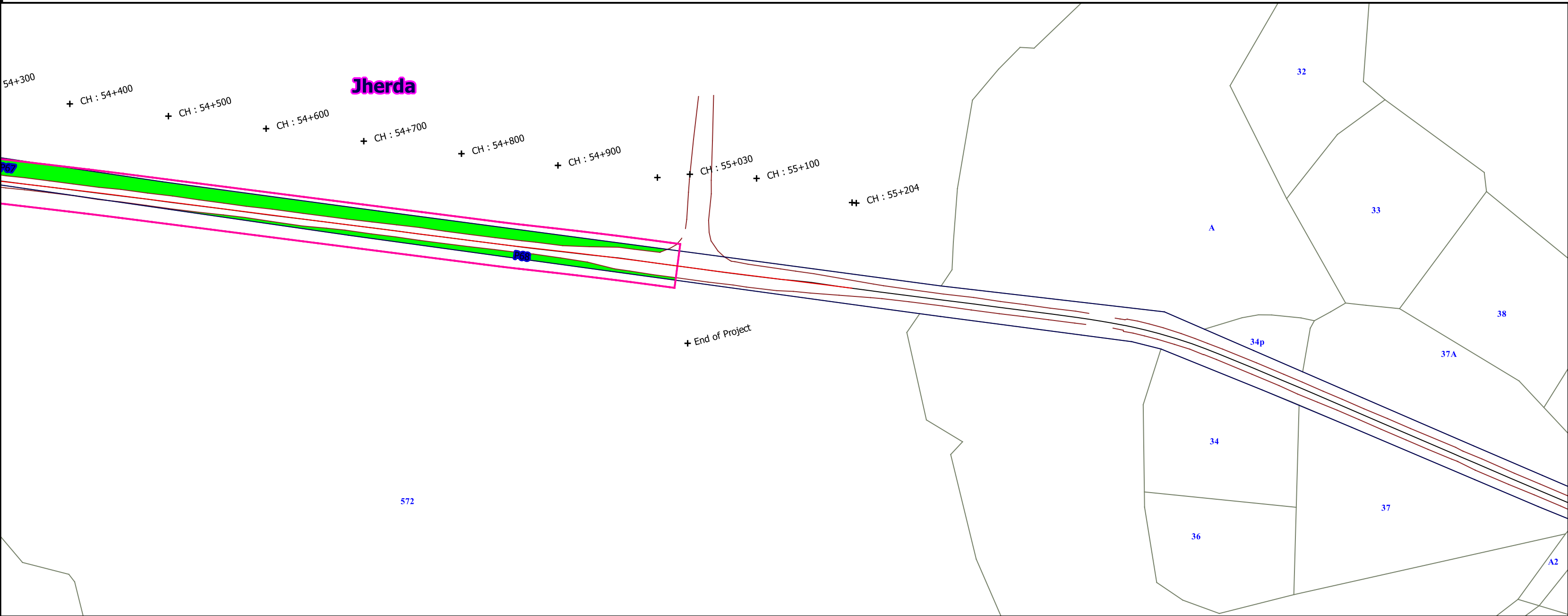


Map Showing DGPS Surveyed Coordinates and Boundary of Notified Protected Forests to be Diverted for Dhanera -Zerda Section of NH-168A



DHANERA

DEESA



Widenning and Strengthening of Dhanera - Zerda Section of NH-168A in the State of Gujarat
Package-IV
Km 00+000 to Km 11+000 (Dhanera Bypass) and Km 42+300 to Km 55+030

Pillar Coordinates - Jherda

Pillar ID	Latitude	Longitude	Side
363	24.4034364823	72.1147038013	LHS
364	24.403454923	72.114801263	LHS
366	24.401700966	72.115196992	LHS
367	24.4009109828	72.1153752245	LHS
368	24.401672324	72.11517543	LHS
370	24.403252011	72.114761275	LHS
371	24.4034364823	72.1147038013	LHS
372	24.403411303	72.1145707193	RHS
373	24.401854704	72.115006904	RHS
374	24.400848051	72.115269562	RHS
378	24.400072722	72.115467547	RHS
379	24.399418127	72.115652933	RHS
380	24.398627218	72.115857554	RHS
381	24.398029612	72.115991004	RHS
382	24.3971006166	72.1162491619	RHS
383	24.398543719	72.115679076	RHS
384	24.399468219	72.115425378	RHS
385	24.400839365	72.115130094	RHS
386	24.4018149924	72.1149199086	RHS
387	24.395273671	72.117256475	LHS
388	24.392435631	72.118394105	LHS
390	24.3899353655	72.1194170786	LHS
391	24.389982136	72.119355306	LHS
392	24.390339129	72.119205517	LHS
393	24.390578419	72.119071409	LHS
395	24.392441947	72.118265169	LHS
396	24.3957270787	72.1168974987	LHS
398	24.396652581	72.116505383	LHS
400	24.39745564	72.116280325	LHS
401	24.3983862102	72.1160359184	LHS
402	24.3974704619	72.1163975284	LHS
403	24.396928576	72.116567207	LHS
404	24.3983862102	72.1160359184	LHS
405	24.3944744582	72.1172918647	RHS
406	24.392396259	72.118156629	RHS
408	24.390526927	72.118926787	RHS
409	24.390278978	72.118994869	RHS
410	24.3897449872	72.1192060113	RHS
411	24.389736712	72.119181769	RHS
412	24.391603904	72.1184281516	RHS

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Indian Academy of Highway Engineers
Ministry of Road Transport and Highways, Government of India



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Prepared By: Kiran Kumar

Checked By: T Banerjee

Sheet No: - 01

Map Size: - A2

0 100 200 m



Scale - 1:4,000

Legend

- Proposed Centerline
- Propsed RoW
- Existing Centerline
- Existing RoW
- +

Chainage km
- Village Boundary
- Protected Forests
- GPS Pillar