

Ambikapur-Ramanujganj Road (ROW List)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
1	0.000	0.100							
2	0.100	0.200							
3	0.200	0.300							
4	0.300	0.400							
5	0.400	0.500							
6	0.500	0.600							
7	0.600	0.700							
8	0.700	0.800							
9	0.800	0.900							
10	0.900	1.000							
11	1.000	1.100							
12	1.100	1.200							
13	1.200	1.300							
14	1.300	1.400							
15	1.400	1.500							
16	1.500	1.600							
17	1.600	1.700							
18	1.700	1.800							
19	1.800	1.900							
20	1.900	2.000							
21	2.000	2.100							
22	2.100	2.200							
23	2.200	2.300							
24	2.300	2.400							
25	2.400	2.500							
26	2.500	2.600							
27	2.600	2.700							
28	2.700	2.800							
29	2.800	2.900							
30	2.900	3.000							
31	3.000	3.100							
32	3.100	3.200							
33	3.200	3.300							
34	3.300	3.400							
35	3.400	3.500							
36	3.500	3.600							
37	3.600	3.700							
38	3.700	3.800							
39	3.800	3.900							
40	3.900	4.000							
41	4.000	4.100							
42	4.100	4.200							
43	4.200	4.300							
44	4.300	4.400							
45	4.400	4.500							
46	4.500	4.600							
47	4.600	4.700							
48	4.700	4.800							
49	4.800	4.900							
50	4.900	5.000							

Ambikapur By pass

Green field alignment

30

Sanjaynagar

Surajpur

Surajpur

Ajirma

Ambikapur

Sarguja

Forest

Surajpur

Surajpur

Narayanpur

Badni Jhariya
Forest Village

Ambikapur

Sarguja

Chathirma

Chathirma




 Executive Engineer
 P.W.D. N.H. Division
 Ambikapur, Surguja (C.G.)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
103	10.200	10.300							
104	10.300	10.400							
105	10.400	10.500							
106	10.500	10.600							
107	10.600	10.700							
108	10.700	10.800							
109	10.800	10.900							
110	10.900	11.000							
111	11.000	11.100							
112	11.100	11.200							
113	11.200	11.300							
114	11.300	11.400							
115	11.400	11.500							
116	11.500	11.600					Sargawan		
117	11.600	11.700							
118	11.700	11.800							
119	11.800	11.900							
120	11.900	12.000					Asola		
121	12.000	12.100							
122	12.100	12.200							
123	12.200	12.300					Asola		
124	12.300	12.400							
125	12.400	12.500							
126	12.500	12.600							
127	12.600	12.700							
128	12.700	12.800							
129	12.800	12.900							
130	12.900	13.000							
131	13.000	13.100							
132	13.100	13.200							
133	13.200	13.300							
134	13.300	13.400							
135	13.400	13.500							
136	13.500	13.600							
137	13.600	13.700							
138	13.700	13.800	7.800	7.900	18				
139	13.800	13.900	7.900	8.000	18				
140	13.900	14.000	8.000	8.100	16				
141	14.000	14.100	8.100	8.200	17				
142	14.100	14.200	8.200	8.300	14				
143	14.200	14.300	8.300	8.400	15				
144	14.300	14.400	8.400	8.500	19				
145	14.400	14.500							
146	14.500	14.600							
147	14.600	14.700							
148	14.700	14.800							
149	14.800	14.900							
150	14.900	15.000	9.000	9.100	16				
151	15.000	15.100							
152	15.100	15.200							
153	15.200	15.300	9.300	9.400	20				
154	15.300	15.400	9.400	9.500	17				

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 Executive Engineer
 P.W.D. N.H. Division
 Ambikapur, Surguja (C.G.)



Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District	
	From Km.	To Km.	From Km.	To Km.						
155	15.400	15.500	9.500	9.600	20					
156	15.500	15.600	9.600	9.700	18					
157	15.600	15.700	9.700	9.800	18					
158	15.700	15.800	9.800	9.900	18					
159	15.800	15.900	9.900	10.000	19					
160	15.900	16.000			Re-Alignment				Parsa	
161	16.000	16.100								
162	16.100	16.200								
163	16.200	16.300			Re-Alignment				Parsa	
164	16.300	16.400								
165	16.400	16.500								
166	16.500	16.600								
167	16.600	16.700								
168	16.700	16.800	11.000	11.100	15					
169	16.800	16.900	11.100	11.200	16					
170	16.900	17.000	11.200	11.300	17					
171	17.000	17.100	11.300	11.400	17					
172	17.100	17.200	11.400	11.500	17					
173	17.200	17.300	11.500	11.600	18					
174	17.300	17.400	11.600	11.700	14					
175	17.400	17.500	11.700	11.800	13					
176	17.500	17.600	11.800	11.900	15					
177	17.600	17.700	11.900	12.000	15					
178	17.700	17.800	12.000	12.100	17					
179	17.800	17.900	12.100	12.200	16					
180	17.900	18.000	12.200	12.300	14					
181	18.000	18.100	12.300	12.400	17					
182	18.100	18.200	12.400	12.500	17					
183	18.200	18.300	12.500	12.600	16					
184	18.300	18.400	12.600	12.700	17					
185	18.400	18.500	12.700	12.800	20					
186	18.500	18.600	12.800	12.900	19					
187	18.600	18.700	12.900	13.000	19					
188	18.700	18.800	13.000	13.100	18					
189	18.800	18.900	13.100	13.200	18					
190	18.900	19.000	13.200	13.300	17					
191	19.000	19.100	13.300	13.400	19					
192	19.100	19.200	13.400	13.500	19					
193	19.200	19.300	13.500	13.600	19					
194	19.300	19.400	13.600	13.700	18					
195	19.400	19.500	13.700	13.800	18					
196	19.500	19.600	13.800	13.900	19					
197	19.600	19.700	13.900	14.000	19					
198	19.700	19.800	14.000	14.100	19					
199	19.800	19.900	14.100	14.200	17					
200	19.900	20.000	14.200	14.300	17					
201	20.000	20.100	14.300	14.400	18					
202	20.100	20.200	14.400	14.500	19					
203	20.200	20.300	14.500	14.600	16					
204	20.300	20.400	14.600	14.700	15					
205	20.400	20.500	14.700	14.800	18					
206	20.500	20.600	14.800	14.900	18					

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Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)



Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
207	20.600	20.700	14.900	15.000	18	30	Bhapholi	Ambikapur	Sarguja
208	20.700	20.800	15.000	15.100	16				
209	20.800	20.900	15.100	15.200	17				
210	20.900	21.000			Re-Alignment				
211	21.000	21.100							
212	21.100	21.200							
213	21.200	21.300							
214	21.300	21.400							
215	21.400	21.500							
216	21.500	21.600	15.900	16.000	17				
217	21.600	21.700	16.000	16.100	18				
218	21.700	21.800	16.100	16.200	18				
219	21.800	21.900	16.200	16.300	18				
220	21.900	22.000	16.300	16.400	16				
221	22.000	22.100	16.400	16.500	14				
222	22.100	22.200	16.500	16.600	15				
223	22.200	22.300	16.600	16.700	12				
224	22.300	22.400	16.700	16.800	14				
225	22.400	22.500	16.800	16.900	17				
226	22.500	22.600	16.900	17.000	12				
227	22.600	22.700	17.000	17.100	11				
228	22.700	22.800	17.100	17.200	14				
229	22.800	22.900	17.200	17.300	14				
230	22.900	23.000	17.300	17.400	14				
231	23.000	23.100	17.400	17.500	14				
232	23.100	23.200	17.500	17.600	14				
233	23.200	23.300	17.600	17.700	13				
234	23.300	23.400	17.700	17.800	14				
235	23.400	23.500	17.800	17.900	15				
236	23.500	23.600	17.900	18.000	16				
237	23.600	23.700	18.000	18.100	14				
238	23.700	23.800	18.100	18.200	15				
239	23.800	23.900	18.200	18.300	16				
240	23.900	24.000	18.300	18.400	12				
241	24.000	24.100	18.400	18.500	14				
242	24.100	24.200	18.500	18.600	17				
243	24.200	24.300	18.600	18.700	17				
244	24.300	24.400	18.700	18.800	14				
245	24.400	24.500	18.800	18.900	16	Kakna			
246	24.500	24.600	18.900	19.000	16				
247	24.600	24.700	19.000	19.100	17				
248	24.700	24.800	19.100	19.200	17				
249	24.800	24.900	19.200	19.300	17				
250	24.900	25.000	19.300	19.400	21				
251	25.000	25.100	19.400	19.500	22				
252	25.100	25.200	19.500	19.600	20				
253	25.200	25.300	19.600	19.700	19				
254	25.300	25.400	19.700	19.800	21				
255	25.400	25.500	19.800	19.900	20				
256	25.500	25.600	19.900	20.000	19				
257	25.600	25.700	20.000	20.100	20				
258	25.700	25.800	20.100	20.200	19				

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Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)



Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
259	25.800	25.900							
260	25.900	26.000	20.200	20.300	17	30	Bariyon	Rajpur	Balrampur
261	26.000	26.100	20.300	20.400	19				
262	26.100	26.200	20.400	20.500	19				
263	26.200	26.300	20.500	20.600	20				
264	26.300	26.400	20.600	20.700	22				
265	26.400	26.500	20.700	20.800	21				
266	26.500	26.600	20.800	20.900	19				
267	26.600	26.700	20.900	21.000	18				
268	26.700	26.800	21.000	21.100	18				
269	26.800	26.900	21.100	21.200	18				
270	26.900	27.000	21.200	21.300	18				
271	27.000	27.100	21.300	21.400	17				
272	27.100	27.200	21.400	21.500	17				
273	27.200	27.300	21.500	21.600	17				
274	27.300	27.400	21.600	21.700	17				
275	27.400	27.500	21.700	21.800	17				
276	27.500	27.600	21.800	21.900	19				
277	27.600	27.700	21.900	22.000	21				
278	27.700	27.800	22.000	22.100	21				
279	27.800	27.900	22.100	22.200	15				
280	27.900	28.000	22.200	22.300	17				
281	28.000	28.100	22.300	22.400	20				
282	28.100	28.200	22.400	22.500	17				
283	28.200	28.300	22.500	22.600	19				
284	28.300	28.400	22.600	22.700	17				
285	28.400	28.500	22.700	22.800	17				
286	28.500	28.600	22.800	22.900	18				
287	28.600	28.700	22.900	23.000	18				
288	28.700	28.800	23.000	23.100	17				
289	28.800	28.900	23.100	23.200	17				
290	28.900	29.000	23.200	23.300	17				
291	29.000	29.100	23.300	23.400	17				
292	29.100	29.200	23.400	23.500	15				
293	29.200	29.300	23.500	23.600	17				
294	29.300	29.400	23.600	23.700	15				
295	29.400	29.500	23.700	23.800	15				
296	29.500	29.600	23.800	23.900	18				
297	29.600	29.700	23.900	24.000	17				
298	29.700	29.800	24.000	24.100	18				
299	29.800	29.900	24.100	24.200	17				
300	29.900	30.000	24.200	24.300	18				
301	30.000	30.100	24.300	24.400	17				
302	30.100	30.200	24.400	24.500	15				
303	30.200	30.300	24.500	24.600	15				
304	30.300	30.400	24.600	24.700	19				
305	30.400	30.500	24.700	24.800	19				
306	30.500	30.600	24.800	24.900	18				
307	30.600	30.700	24.900	25.000	16				
308	30.700	30.800	25.000	25.100	16				
309	30.800	30.900	25.100	25.200	16				
310	30.900	31.000	25.200	25.300	17				
310	30.900	31.000	25.300	25.400	17				



Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

No.	From Km.	To Km.	Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
			From Km.	To Km.					
311	31.000	31.100							
312	31.100	31.200	25.400	25.500	18				
313	31.200	31.300	25.500	25.600	18				
314	31.300	31.400							
315	31.400	31.500							
316	31.500	31.600							
317	31.600	31.700							
318	31.700	31.800	26.000	26.100	22				
319	31.800	31.900	26.100	26.200	21				
320	31.900	32.000	26.200	26.300	22				
321	32.000	32.100	26.300	26.400	18				
322	32.100	32.200	26.400	26.500	19				
323	32.200	32.300	26.500	26.600	20				
324	32.300	32.400							
325	32.400	32.500							
326	32.500	32.600							
327	32.600	32.700							
328	32.700	32.800					Chanchi		
329	32.800	32.900							
330	32.900	33.000							
331	33.000	33.100							
332	33.100	33.200							
333	33.200	33.300							
334	33.300	33.400							
335	33.400	33.500							
336	33.500	33.600							
337	33.600	33.700							
338	33.700	33.800							
339	33.800	33.900							
340	33.900	34.000							
341	34.000	34.100							
342	34.100	34.200							
343	34.200	34.300							
344	34.300	34.400							
345	34.400	34.500							
346	34.500	34.600							
347	34.600	34.700							
348	34.700	34.800							
349	34.800	34.900							
350	34.900	35.000							
351	35.000	35.100							
352	35.100	35.200							
353	35.200	35.300							
354	35.300	35.400	29.700	29.800	14				
355	35.400	35.500	29.800	29.900	17				
356	35.500	35.600	29.900	30.000	18				
357	35.600	35.700	30.000	30.100	17				
358	35.700	35.800	30.100	30.200	16				
359	35.800	35.900	30.200	30.300	16				
360	35.900	36.000	30.300	30.400	16				
361	36.000	36.100	30.400	30.500	15				
362	36.100	36.200	30.500	30.600	15				

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 Executive Engineer
 P.W.D. N.H. Division
 Ambikapur, Surguja (G.G.)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
363	36.200	36.300	30.600	30.700	15				
364	36.300	36.400	30.700	30.800	15				
365	36.400	36.500	30.800	30.900	18				
366	36.500	36.600	30.900	31.000	16				
367	36.600	36.700	31.000	31.100	17				
368	36.700	36.800	31.100	31.200	20				
369	36.800	36.900	31.200	31.300	19				
370	36.900	37.000	31.300	31.400	21				
371	37.000	37.100	31.400	31.500	20				
372	37.100	37.200	31.500	31.600	20				
373	37.200	37.300	31.600	31.700	23				
374	37.300	37.400	31.700	31.800	20				
375	37.400	37.500	31.800	31.900	19				
376	37.500	37.600	31.900	32.000	19				
377	37.600	37.700	32.000	32.100	19				
378	37.700	37.800	32.100	32.200	22				
379	37.800	37.900	32.200	32.300	21				
380	37.900	38.000	32.300	32.400	16				
381	38.000	38.100	32.400	32.500	16				
382	38.100	38.200	32.500	32.600	16				
383	38.200	38.300	32.600	32.700	15				
384	38.300	38.400	32.700	32.800	15				
385	38.400	38.500							
386	38.500	38.600							
387	38.600	38.700							
388	38.700	38.800							
389	38.800	38.900							
390	38.900	39.000							
391	39.000	39.100							
392	39.100	39.200							
393	39.200	39.300							
394	39.300	39.400							
395	39.400	39.500							
396	39.500	39.600							
397	39.600	39.700							
398	39.700	39.800							
399	39.800	39.900							
400	39.900	40.000							
401	40.000	40.100							
402	40.100	40.200							
403	40.200	40.300							
404	40.300	40.400							
405	40.400	40.500							
406	40.500	40.600							
407	40.600	40.700	35.100	35.200					
408	40.700	40.800	35.200	35.300	15				
409	40.800	40.900	35.300	35.400	18				
410	40.900	41.000	35.400	35.500	17				
411	41.000	41.100	35.500	35.600	19				
412	41.100	41.200	35.600	35.700	16				
413	41.200	41.300	35.700	35.800	17				
414	41.300	41.400	35.800	35.900	17				

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 Lion Engineering Consultants Private Limited
 Ambikapur, Surguja (C.O.)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District			
	From Km.	To Km.	From Km.	To Km.								
415	41.400	41.500	35.900	36.000	17	18	Rajpur	Rajpur	Balrampur			
416	41.500	41.600	36.000	36.100	17							
417	41.600	41.700	36.100	36.200	17							
418	41.700	41.800	36.200	36.300	17							
419	41.800	41.900	36.300	36.400	16							
420	41.900	42.000	36.400	36.500	16							
421	42.000	42.100	36.500	36.600	14							
422	42.100	42.200	36.600	36.700	16							
423	42.200	42.300	36.700	36.800	17							
424	42.300	42.400	36.800	36.900	18							
425	42.400	42.500	36.900	37.000	16							
426	42.500	42.600	37.000	37.100	15							
427	42.600	42.700	37.100	37.200	17							
428	42.700	42.800	37.200	37.300	17							
429	42.800	42.900	37.300	37.400	16							
430	42.900	43.000	37.400	37.500	16							
431	43.000	43.100	37.500	37.600	17							
432	43.100	43.200	37.600	37.700	14							
434	43.200	43.300	37.700	37.800	12							
435	43.300	43.400	37.800	37.900	13							
436	43.400	43.500	37.900	38.000	17							
438	43.500	43.600	38.000	38.100	15							
439	43.600	43.700	38.100	38.200	14							
440	43.700	43.800	38.200	38.300	17							
441	43.800	43.900					30			Forest	Forest	Forest
442	43.900	44.000										
444	44.000	44.100										
445	44.100	44.200										
446	44.200	44.300										
447	44.300	44.400										
448	44.400	44.500										
449	44.500	44.600										
450	44.600	44.700										
451	44.700	44.800										
452	44.800	44.900										
453	44.900	45.000										
454	45.000	45.100	39.500	39.600	16	Jhingo						
455	45.100	45.200	39.600	39.700	17							
456	45.200	45.300	39.700	39.800	15							
457	45.300	45.400	39.800	39.900	15							
458	45.400	45.500	39.900	40.000	16							
459	45.500	45.600	40.000	40.100	15							
460	45.600	45.700	40.100	40.200	17							
461	45.700	45.800	40.200	40.300	16							
462	45.800	45.900	40.300	40.400	17							
463	45.900	46.000	40.400	40.500	15							
464	46.000	46.100	40.500	40.600	16							
465	46.100	46.200	40.600	40.700	16							
466	46.200	46.300	40.700	40.800	18							
467	46.300	46.400	40.800	40.900	19							
468	46.400	46.500	40.900	41.000	16							
469	46.500	46.600	41.000	41.100	17							

37E



Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
470	46.600	46.700	41.100	41.200	16	30	Dhandkhaduwa	Rajpur	Balrampur
471	46.700	46.800	41.200	41.300	19				
472	46.800	46.900	41.300	41.400	15				
473	46.900	47.000			Re-Alignment				
474	47.000	47.100							
476	47.100	47.200							
477	47.200	47.300							
478	47.300	47.400							
479	47.400	47.500	41.900	42.000	18				
480	47.500	47.600	42.000	42.100	16				
481	47.600	47.700	42.100	42.200	18				
482	47.700	47.800	42.200	42.300	17				
483	47.800	47.900	42.300	42.400	14				
484	47.900	48.000	42.400	42.500	18				
485	48.000	48.100	42.500	42.600	16				
486	48.100	48.200	42.600	42.700	16				
487	48.200	48.300	42.700	42.800	16				
488	48.300	48.400	42.800	42.900	20				
489	48.400	48.500	42.900	43.000	19				
490	48.500	48.600	43.000	43.100	18				
491	48.600	48.700	43.100	43.200	17				
492	48.700	48.800	43.200	43.300	17				
493	48.800	48.900	43.300	43.400	17				
494	48.900	49.000	43.400	43.500	19				
495	49.000	49.100	43.500	43.600	16				
496	49.100	49.200	43.600	43.700	18				
497	49.200	49.300	43.700	43.800	15				
498	49.300	49.400	43.800	43.900	18				
499	49.400	49.500	43.900	44.000	18				
500	49.500	49.600	44.000	44.100	17				
501	49.600	49.700	44.100	44.200	16				
503	49.700	49.800	44.200	44.300	16				
504	49.800	49.900	44.300	44.400	17				
505	49.900	50.000	44.400	44.500	17				
506	50.000	50.100	44.500	44.600	16				
507	50.100	50.200	44.600	44.700	16				
508	50.200	50.300	44.700	44.800	17				
509	50.300	50.400	44.800	44.900	17				
510	50.400	50.500	44.900	45.000	18				
511	50.500	50.600	45.000	45.100	16				
512	50.600	50.700	45.100	45.200	17				
513	50.700	50.800	45.200	45.300	17				
514	50.800	50.900	45.300	45.400	16				
515	50.900	51.000			Re-Alignment				
516	51.000	51.100							
517	51.100	51.200							
518	51.200	51.300							
519	51.300	51.400							
520	51.400	51.500							
521	51.500	51.600	46.000	46.100	14				
522	51.600	51.700	46.100	46.200	14				
523	51.700	51.800	46.200	46.300	14				



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Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
524	51.800	51.900							
525	51.900	52.000							
526	52.000	52.100			Re-Alignment				
527	52.100	52.200							
528	52.200	52.300			Forest				
529	52.300	52.400							
530	52.400	52.500							
531	52.500	52.600			Forest/Realignment				
532	52.600	52.700							
533	52.700	52.800				Forest	Forest	Forest	
534	52.800	52.900							
535	52.900	53.000							
536	53.000	53.100			Forest				
537	53.100	53.200							
538	53.200	53.300							
539	53.300	53.400							
540	53.400	53.500			Forest/Realignment				
541	53.500	53.600							
542	53.600	53.700			Forest	Forest	Forest	Forest	
543	53.700	53.800							
544	53.800	53.900	48.400	48.500					
545	53.900	54.000	48.500	48.600	Forest/Realignment				
546	54.000	54.100							
547	54.100	54.200							
548	54.200	54.300							
549	54.300	54.400							
550	54.400	54.500			Forest				
551	54.500	54.600							
552	54.600	54.700							
553	54.700	54.800				Jigadi			
554	54.800	54.900							
555	54.900	55.000							
556	55.000	55.100							
557	55.100	55.200							
558	55.200	55.300							
559	55.300	55.400							
560	55.400	55.500			Re-Alignment				
561	55.500	55.600							
562	55.600	55.700							
563	55.700	55.800							
564	55.800	55.900							
565	55.900	56.000							
566	56.000	56.100	50.900	51.000					
567	56.100	56.200	51.000	51.100	19				
568	56.200	56.300	51.100	51.200	17				
569	56.300	56.400	51.200	51.300	17				
570	56.400	56.500	51.300	51.400	18				
571	56.500	56.600	51.400	51.500	17				
572	56.600	56.700	51.500	51.600	19				
573	56.700	56.800	51.600	51.700	15				
574	56.800	56.900	51.700	51.800	15				
575	56.900	57.000	51.800	51.900	10				



SE

Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
576	57.000	57.100	51.900	52.000	16				
577	57.100	57.200	52.000	52.100	18				
578	57.200	57.300	52.100	52.200	19				
579	57.300	57.400	52.200	52.300	Road Not Mark				
580	57.400	57.500	52.300	52.400	19				
581	57.500	57.600	52.400	52.500	18				
582	57.600	57.700	52.500	52.600	19				
583	57.700	57.800	52.600	52.700	19				
584	57.800	57.900	52.700	52.800	16				
585	57.900	58.000	52.800	52.900					
586	58.000	58.100	52.900	53.000					
587	58.100	58.200	53.000	53.100	Road Not Mark				
588	58.200	58.300	53.100	53.200					
589	58.300	58.400	53.200	53.300					
590	58.400	58.500	53.300	53.400	13				
591	58.500	58.600	53.400	53.500	18				
592	58.600	58.700	53.500	53.600	19				
593	58.700	58.800	53.600	53.700	20				
594	58.800	58.900	53.700	53.800	17				
595	58.900	59.000	53.800	53.900	18				
596	59.000	59.100	53.900	54.000	17				
597	59.100	59.200	54.000	54.100	18				
598	59.200	59.300	54.100	54.200	18				
599	59.300	59.400	54.200	54.300	16				
600	59.400	59.500	54.300	54.400	18				
601	59.500	59.600	54.400	54.500	17				
602	59.600	59.700	54.500	54.600	17				
603	59.700	59.800	54.600	54.700					
604	59.800	59.900	54.700	54.800	Forest/Realignm ent				
605	59.900	60.000							
606	60.000	60.100							
607	60.100	60.200							
608	60.200	60.300			Forest				
609	60.300	60.400							
610	60.400	60.500	55.300	55.400	24				
611	60.500	60.600	55.400	55.500	21				
612	60.600	60.700	55.500	55.600	21				
613	60.700	60.800	55.600	55.700	21				
614	60.800	60.900	55.700	55.800	16				
615	60.900	61.000	55.800	55.900	20				
616	61.000	61.100	55.900	56.000	22				
617	61.100	61.200	56.000	56.100	24				
618	61.200	61.300	56.100	56.200	28				
619	61.300	61.400	56.200	56.300	28				
620	61.400	61.500	56.300	56.400	27				
621	61.500	61.600	56.400	56.500	20				
622	61.600	61.700	56.500	56.600	17				
623	61.700	61.800	56.600	56.700	23				
624	61.800	61.900	56.700	56.800	22				
625	61.900	62.000	56.800	56.900	23				
626	62.000	62.100	56.900	57.000	26				
627	62.100	62.200	57.000	57.100	28				



SE

Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
628	62.200	62.300	57.100	57.200	23	30	Balrampur	Balrampur	Balrampur
629	62.300	62.400	57.200	57.300	23				
630	62.400	62.500	57.300	57.400	16				
631	62.500	62.600	57.400	57.500	21				
632	62.600	62.700	57.500	57.600	9				
619	85.300	85.400	80.600	80.700	21				
620	85.400	85.500	80.700	80.800	27				
621	85.500	85.600	80.800	80.900	23				
622	85.600	85.700	80.900	81.000	25				
623	85.700	85.800	81.000	81.100	45				
624	85.800	85.900	81.100	81.200	30				
625	85.900	86.000	81.200	81.300	25				
626	86.000	86.100	81.300	81.400	20				
627	86.100	86.200	81.400	81.500	24				
628	86.200	86.300	81.500	81.600	24				
629	86.300	86.400	81.600	81.700	25				
630	86.400	86.500	81.700	81.800	23				
631	86.500	86.600	81.800	81.900	25				
632	86.600	86.700	81.900	82.000	23				
633	86.700	86.800	82.000	82.100	20				
634	86.800	86.900	82.100	82.200	22				
635	86.900	87.000	82.200	82.300	24				
636	87.000	87.100	82.300	82.400	20				
637	87.100	87.200	82.400	82.500	24				
638	87.200	87.300	82.500	82.600	15				
639	87.300	87.400	82.600	82.700	20				
640	87.400	87.500	82.700	82.800	22				
641	87.500	87.600	82.800	82.900	21				
642	87.600	87.700	82.900	83.000	24				
643	87.700	87.800	83.000	83.100	17				
644	87.800	87.900	83.100	83.200	17				
645	87.900	88.000	83.200	83.300	26				
646	88.000	88.100	83.300	83.400	21				
647	88.100	88.200	83.400	83.500	24				
648	88.200	88.300	83.500	83.600	22				
649	88.300	88.400	83.600	83.700	21				
650	88.400	88.500	83.700	83.800	23				
651	88.500	88.600	83.800	83.900	18				
652	88.600	88.700	83.900	84.000	24				
653	88.700	88.800	84.000	84.100	24				
654	88.800	88.900	84.100	84.200	21				
655	88.900	89.000	84.200	84.300	25				
656	89.000	89.100	84.300	84.400	23				
657	89.100	89.200	84.400	84.500	24				
658	89.200	89.300	84.500	84.600	27				
659	89.300	89.400	84.600	84.700	27				
660	89.400	89.500	84.700	84.800	30				
661	89.500	89.600	84.800	84.900	28				
662	89.600	89.700	84.900	85.000	25				
663	89.700	89.800	85.000	85.100	26				
664	89.800	89.900	85.100	85.200	25				
665	89.900	90.000	85.200	85.300	26				



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 Executive Engineer
 P.W.D. N.H. Division
 Ambikapur, Surguja (C.G.)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
666	90.000	90.100							
667	90.100	90.200	85.300	85.400	24				
668	90.200	90.300	85.400	85.500	21				
669	90.300	90.400	85.500	85.600	RE-Alignment	Semli			
670	90.400	90.500	85.600	85.700					
671	90.500	90.600	85.700	85.800					
672	90.600	90.700	85.800	85.900					
673	90.700	90.800	85.900	86.000					
674	90.800	90.900	86.000	86.100	19				
675	90.900	91.000	86.100	86.200	23				
676	91.000	91.100	86.200	86.300	RE-Alignment	Semli	Balrampur	Balrampur	
677	91.100	91.200	86.300	86.400					
678	91.200	91.300	86.400	86.500	24				
679	91.300	91.400	86.500	86.600	21				
680	91.400	91.500	86.600	86.700	RE-Alignment / Forest	Forest	Forest	Forest	Forest
681	91.500	91.600	86.700	86.800					
682	91.600	91.700	86.800	86.900					
683	91.700	91.800	86.900	87.000					
684	91.800	91.900	87.000	87.100					
685	91.900	92.000	87.100	87.200					
686	92.000	92.100	87.200	87.300					
687	92.100	92.200	87.300	87.400	Forest				
688	92.200	92.300	87.400	87.500					
689	92.300	92.400	87.500	87.600					
690	92.400	92.500	87.600	87.700	RE-Alignment / Forest				
691	92.500	92.600	87.700	87.800					
692	92.600	92.700	87.800	87.900					
693	92.700	92.800	87.900	88.000	Forest				
694	92.800	92.900	88.000	88.100					
695	92.900	93.000	88.100	88.200					
696	93.000	93.100	88.200	88.300					
697	93.100	93.200	88.300	88.400					
698	93.200	93.300	88.400	88.500	RE-Alignment / Forest				
699	93.300	93.400	88.500	88.600					
700	93.400	93.500							
701	93.500	93.600							
702	93.600	93.700							
703	93.700	93.800							
704	93.800	93.900							
705	93.900	94.000							
706	94.000	94.100			Forest				
707	94.100	94.200	89.600	89.700					
708	94.200	94.300	89.700	89.800					
709	94.300	94.400	89.800	89.900	23	Lurghuta	Balrampur	Balrampur	
710	94.400	94.500	89.900	90.000					
711	94.500	94.600	90.000	90.100					
712	94.600	94.700	90.100	90.200					
713	94.700	94.800	90.200	90.300					
714	94.800	94.900	90.300	90.400					
715	94.900	95.000	90.400	90.500					
716	95.000	95.100	90.500	90.600					
717	95.100	95.200	90.600	90.700					



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Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
718	95.200	95.300	90.700	90.800	Forest	Forest	Forest	Forest	
719	95.300	95.400	90.800	90.900					
720	95.400	95.500	90.900	91.000					
721	95.500	95.600	91.000	91.100					
722	95.600	95.700	91.100	91.200					
723	95.700	95.800	91.200	91.300					
724	95.800	95.900	91.300	91.400					
725	95.900	96.000	91.400	91.500					
726	96.000	96.100	91.500	91.600					
727	96.100	96.200	91.600	91.700					
728	96.200	96.300	91.700	91.800					
729	96.300	96.400	91.800	91.900					
730	96.400	96.500	91.900	92.000					
731	96.500	96.600	92.000	92.100					
732	96.600	96.700	92.100	92.200					
733	96.700	96.800	92.200	92.300					
734	96.800	96.900	92.300	92.400					
735	96.900	97.000	92.400	92.500					
736	97.000	97.100	92.500	92.600					27
737	97.100	97.200	92.600	92.700					24
738	97.200	97.300	92.700	92.800					23
739	97.300	97.400	92.800	92.900					21
740	97.400	97.500	92.900	93.000					23
741	97.500	97.600	93.000	93.100					20
742	97.600	97.700	93.100	93.200					23
743	97.700	97.800	93.200	93.300					22
744	97.800	97.900	93.300	93.400					8
745	97.900	98.000	93.400	93.500					21
746	98.000	98.100	93.500	93.600					21
747	98.100	98.200	93.600	93.700					17
748	98.200	98.300	93.700	93.800					18
749	98.300	98.400	93.800	93.900					23
750	98.400	98.500	93.900	94.000					17
751	98.500	98.600	94.000	94.100					23
752	98.600	98.700	94.100	94.200					20
753	98.700	98.800	94.200	94.300	27				
754	98.800	98.900	94.300	94.400	28				
755	98.900	99.000	94.400	94.500	27				
756	99.000	99.100	94.500	94.600	25				
757	99.100	99.200	94.600	94.700	26				
758	99.200	99.300	94.700	94.800	24				
759	99.300	99.400	94.800	94.900	21				
760	99.400	99.500	94.900	95.000	40				
761	99.500	99.600	95.000	95.100	29				
762	99.600	99.700	95.100	95.200	28				
763	99.700	99.800	95.200	95.300	24				
764	99.800	99.900	95.300	95.400	24				
765	99.900	100.000	95.400	95.500	25				
766	100.000	100.100	95.500	95.600	20				
767	100.100	100.200	95.600	95.700	16				
768	100.200	100.300	95.700	95.800	19				
769	100.300	100.400	95.800	95.900	15				
						Jamvantpur L/s /Dhangaon R/s			
						Jamvantpur L/s /Subhasnagar R/s			



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 Executive Engineer
 P.W.D. N.H. Division
 Ambikapur, Surguja (C.G.)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
770	100.400	100.500	95.900	96.000	15	30	JamvantpurL/s /Bulgaon R/s	Ramanujganj	Balrampur
771	100.500	100.600	96.000	96.100	17				
772	100.600	100.700	96.100	96.200	19				
773	100.700	100.800	96.200	96.300	20				
774	100.800	100.900	96.300	96.400	19				
775	100.900	101.000	96.400	96.500	14				
776	101.000	101.100	96.500	96.600	16				
777	101.100	101.200	96.600	96.700	13				
778	101.200	101.300	96.700	96.800	15				
779	101.300	101.400	96.800	96.900	27				
780	101.400	101.500	96.900	97.000	28				
781	101.500	101.600	97.000	97.100	24				
782	101.600	101.700	97.100	97.200	29				
783	101.700	101.800	97.200	97.300	19				
784	101.800	101.900	97.300	97.400	Forest		Forest	Forest	Forest
785	101.900	102.000	97.400	97.500					
786	102.000	102.100	97.500	97.600					
787	102.100	102.200							
788	102.200	102.300							
789	102.300	102.400							
790	102.400	102.500	97.900	98.000	30	Devgai	Ramanujganj	Balrampur	
791	102.500	102.600	98.000	98.100					17
792	102.600	102.700	98.100	98.200					18
793	102.700	102.800	98.200	98.300					17
794	102.800	102.900	98.300	98.400					14
795	102.900	103.000	98.400	98.500					16
796	103.000	103.100	98.500	98.600		17			
797	103.100	103.200	98.600	98.700		21			
798	103.200	103.300	98.700	98.800		15			
799	103.300	103.400	98.800	98.900		14			
800	103.400	103.500	98.900	99.000		15			
801	103.500	103.600	99.000	99.100		20			
802	103.600	103.700	99.100	99.200	15				
803	103.700	103.800	99.200	99.300	24				
804	103.800	103.900	99.300	99.400	25				
805	103.900	104.000	99.400	99.500	22				
806	104.000	104.100	99.500	99.600	19				
807	104.100	104.200	99.600	99.700	13				
808	104.200	104.300	99.700	99.800	16				
809	104.300	104.400	99.800	99.900	15				
810	104.400	104.500	99.900	100.000	16				
811	104.500	104.600	100.000	100.100	19				
812	104.600	104.700	100.100	100.200	22				
813	104.700	104.800	100.200	100.300	22				
814	104.800	104.900	100.300	100.400	20				
815	104.900	105.000	100.400	100.500	Forest	Forest	Forest	Forest	
816	105.000	105.100	100.500	100.600					
817	105.100	105.200	100.600	100.700					
818	105.200	105.300	100.700	100.800					
819	105.300	105.400	100.800	100.900					
820	105.400	105.500	100.900	101.000					
821	105.500	105.600	101.000	101.100					



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Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District
	From Km.	To Km.	From Km.	To Km.					
822	105.600	105.700	101.100	101.200	23	30	Nawapara	Ramanujanj	Balrampur
823	105.700	105.800	101.200	101.300	19				
824	105.800	105.900	101.300	101.400	25				
825	105.900	106.000	101.400	101.500	30				
826	106.000	106.100	101.500	101.600	28				
827	106.100	106.200	101.600	101.700	25				
828	106.200	106.300	101.700	101.800	29				
829	106.300	106.400	101.800	101.900	30				
830	106.400	106.500	101.900	102.000	31				
831	106.500	106.600	102.000	102.100	44				
832	106.600	106.700	102.100	102.200	34				
833	106.700	106.800	102.200	102.300	30				
834	106.800	106.900	102.300	102.400	41				
835	106.900	107.000	102.400	102.500	37				
836	107.000	107.100	102.500	102.600	28				
837	107.100	107.200	102.600	102.700	24				
838	107.200	107.300	102.700	102.800	27				
839	107.300	107.400	102.800	102.900	20				
840	107.400	107.500	102.900	103.000	25				
841	107.500	107.600	103.000	103.100	29				
842	107.600	107.700	103.100	103.200	30				
843	107.700	107.800	103.200	103.300	28				
844	107.800	107.900	103.300	103.400	28				
845	107.900	108.000	103.400	103.500	26				
846	108.000	108.100	103.500	103.600	29				
847	108.100	108.200	103.600	103.700	28				
848	108.200	108.300	103.700	103.800	26				
849	108.300	108.400	103.800	103.900	30				
850	108.400	108.500	103.900	104.000	26				
851	108.500	108.600	104.000	104.100	34				
852	108.600	108.700	104.100	104.200	26				
853	108.700	108.800	104.200	104.300	22				
854	108.800	108.900	104.300	104.400	31				
855	108.900	109.000	104.400	104.500	45				
856	109.000	109.100	104.500	104.600	54				
857	109.100	109.200	104.600	104.700	40				
858	109.200	109.300	104.700	104.800	47				
859	109.300	109.400	104.800	104.900	45				
860	109.400	109.500	104.900	105.000	40				
861	109.500	109.600	105.000	105.100	41				
862	109.600	109.700	105.100	105.200	33				
863	109.700	109.800	105.200	105.300	29				
864	109.800	109.900	105.300	105.400	28				
865	109.900	110.000	105.400	105.500	21				
866	110.000	110.100	105.500	105.600	26				
867	110.100	110.200	105.600	105.700	24				
868	110.200	110.300	105.700	105.800	26				
869	110.300	110.400	105.800	105.900	30				
870	110.400	110.500	105.900	106.000	26				
871	110.500	110.600	106.000	106.100	30				
872	110.600	110.700	106.100	106.200	24				
873	110.700	110.800	106.200	106.300	27				



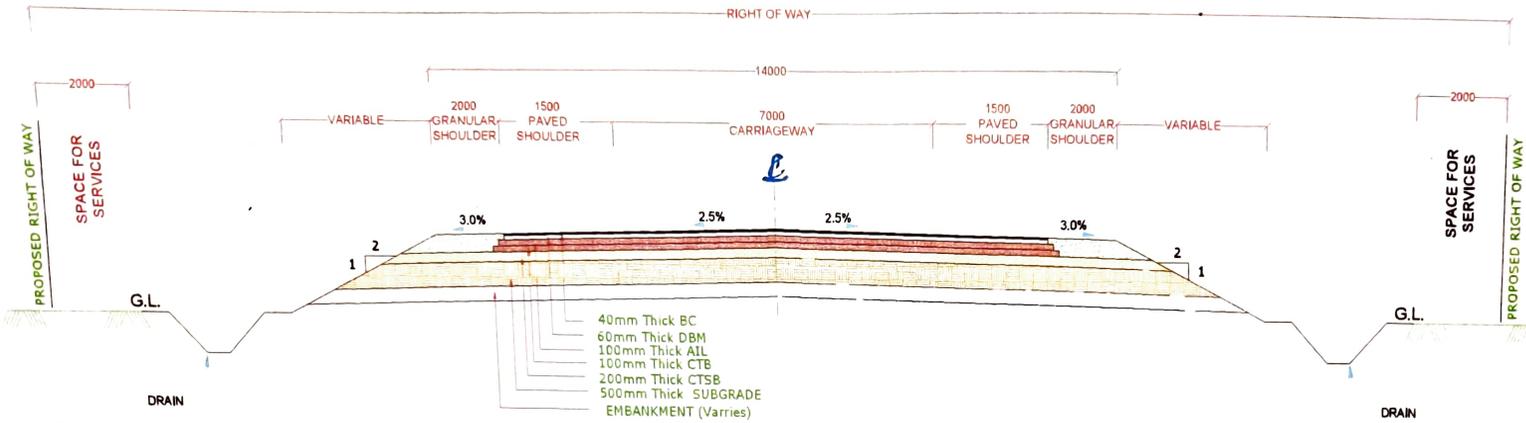
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Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

Sr. No.	Design Chainage		Existing Chainage		Existing ROW (in m.)	Propose ROW (in m.)	Village	Tehsil	District	
	From Km.	To Km.	From Km.	To Km.						
874	110.800	110.900	106.300	106.400	26	Purandih				
875	110.900	111.000	106.400	106.500	29					
876	111.000	111.100	106.500	106.600	28					
877	111.100	111.200	106.600	106.700	25					
878	111.200	111.300	106.700	106.800	28					
879	111.300	111.400	106.800	106.900	25					
880	111.400	111.500	106.900	107.000	23					
881	111.500	111.600	107.000	107.100	23					
882	111.600	111.700	107.100	107.200	22					
883	111.700	111.800	107.200	107.300	24					
884	111.800	111.900	107.300	107.400	24					
885	111.900	112.000	107.400	107.500	18					
886	112.000	112.100	107.500	107.600	25				Ramanujanj	
887	112.100	112.200	107.600	107.700						
888	112.200	112.300	107.700	107.800						
889	112.300	112.400	107.800	107.900						
890	112.400	112.500	107.900	108.000	Ramanujanj	Ramanujanj	Balrampur			
891	112.500	112.600	108.000	108.100						
892	112.600	112.700	108.100	108.200						
893	112.700	112.800	108.200	108.300						
894	112.800	112.900	108.300	108.400						
895	112.900	113.000	108.400	108.500						
896	113.000	113.100	108.500	108.600						
897	113.100	113.200	108.600	108.700						
898	113.200	113.300	108.700	108.800						
899	113.300	113.400	108.800	108.900						
900	113.400	113.500	108.900	109.000						
901	113.500	113.600	109.000	109.100						
902	113.600	113.700	109.100	109.200						
903	113.700	113.800	109.200	109.300						
904	113.800	113.900	109.300	109.400						
905	113.900	114.000	109.400	109.500						
906	114.000	114.100	109.500	109.600						
907	114.100	114.200	109.600	109.700						
908	114.200	114.300	109.700	109.800						
909	114.300	114.400	109.800	109.900						
910	114.400	114.500	109.900	110.000						
911	114.500	114.600	110.000	110.100						
912	114.600	114.700	110.100	110.200						
913	114.700	114.800	110.200	110.300						



Executive Engineer
P.W.D. M.H. Division
Ambikapur, Surguja (C.G.)



AS PER IRC -SP-73-2015 FIG. 2.2 TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY WITH PAVED SHOULDER
(OPEN COUNTRY-PLAIN/ROLLING TERRAIN) NEW CONSTRUCTION ((2 LANE BYPASS TCS-1)

Ambikapur - Ramanujanj Road

S.No.	Chainage	Total length	TCS Type	Remark
1	0.000	3.080	TCS-1	Modified TCS shall be as per IRC:SP:73-2015 Fig. 2.2; Typical Cross Section for New construction of 2-Lane Carriageway with paved shoulder in open country
2	4.100	7.420	TCS-1	Modified TCS shall be as per IRC:SP:73-2015 Fig. 2.2; Typical Cross Section for New construction of 2-Lane Carriageway with paved shoulder in open country
3	7.540	8.060	TCS-1	Modified TCS shall be as per IRC:SP:73-2015 Fig. 2.2; Typical Cross Section for New construction of 2-Lane Carriageway with paved shoulder in open country
4	8.540	9.300	TCS-1	Modified TCS shall be as per IRC:SP:73-2015 Fig. 2.2; Typical Cross Section for New construction of 2-Lane Carriageway with paved shoulder in open country
5	10.080	13.520	TCS-1	Modified TCS shall be as per IRC:SP:73-2015 Fig. 2.2; Typical Cross Section for New construction of 2-Lane Carriageway with paved shoulder in open country
TOTAL LENGTH		11.120		



Executive Engineer
P.W.D. N.H. Division
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CLIENT :-



NATIONAL HIGHWAY AUTHORITY, PUBLIC WORKS DEPARTMENT (M.P.)
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email - naha@nhai.gov.in

PROJECT TITLE :-

Consultancy Services for Project Management Phase I including preparation of Detailed Project Report of selected stretches/corridors of National Highways for up gradation to two/lane with paved shoulder configuration (Ambikapur Ramanujanj Road)

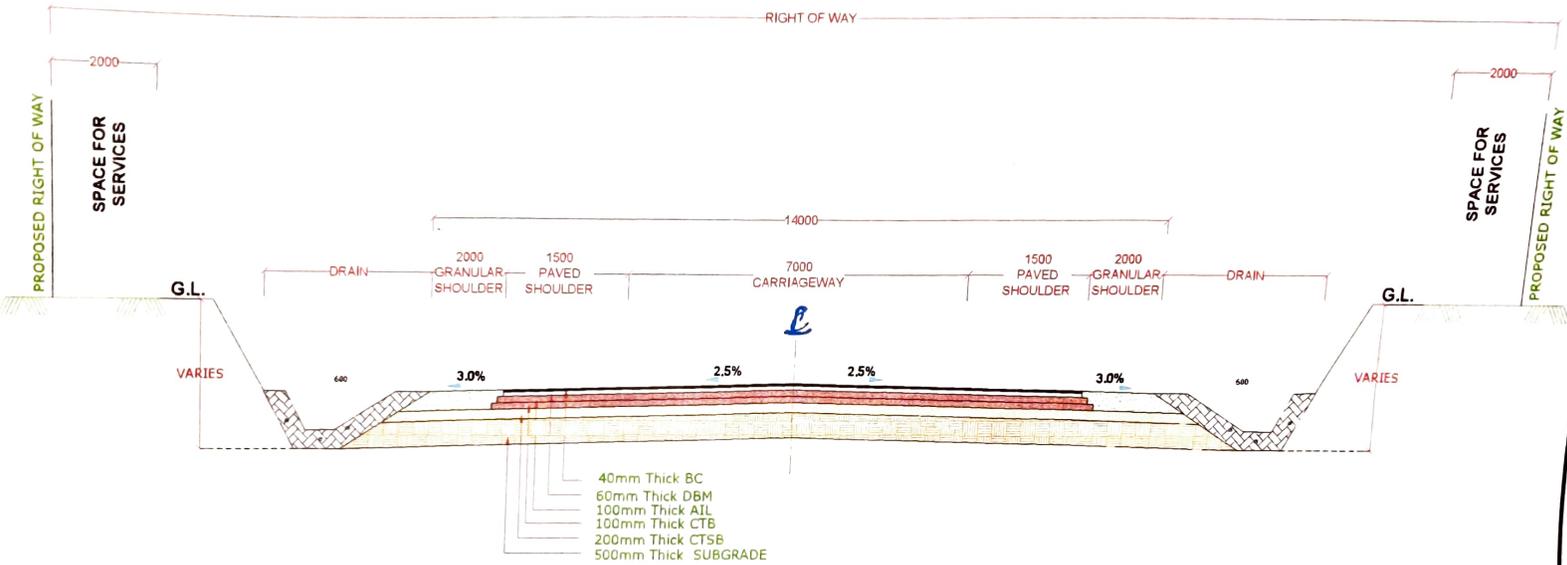


LION ENGINEERING CONSULTANTS
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Bhopal (M.P.) - 462042
Tel. - 0755-3246521
Fax. - 0755-2879499
E-mail - lion@lion.co.in

TITLE :-

TYPICAL CROSS SECTION
AMBIKAPUR RAMANUJANJ ROAD

REVISION :-	00	DRAWING NO. -	LEC/DP/PH/WD/A/R/TCS/ (01)
SCALE :-	NTS	DATE :-	May 2022
DRAWN BY :-	RT	DESIGN BY :-	DS
APPROVED BY :-	TL		



AS PER IRC -SP-73-2015 FIG. 2.2 TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY WITH PAVED SHOULDER & TRAPEZOIDAL DRAIN FOR CUT SECTION (OPEN COUNTRY-PLAIN/ROLLING TERRAIN) NEW CONSTRUCTION (2 LANE BYPASS TCS-5)

Ambikapur - Ramanujanj Road

S.No.	Chainage		Total length	TCS Type	Remark
1	7.420	7.540	0.120	TCS-5	Modified TCS shall be as per IRC:SP:73-2015 Fig. 2.2: Typical Cross Section for New construction of 2-Lane Carriageway with paved shoulder & Trapezoidal Drain for cut section in open country
2	8.060	8.540	0.480	TCS-5	Modified TCS shall be as per IRC:SP:73-2015 Fig. 2.2: Typical Cross Section for New construction of 2-Lane Carriageway with paved shoulder & Trapezoidal Drain for cut section in open country
TOTAL LENGTH			0.600		



AE

Executive Engineer
P.W.D. N.H. Division
Ambikapur, Curguja (C.G.)

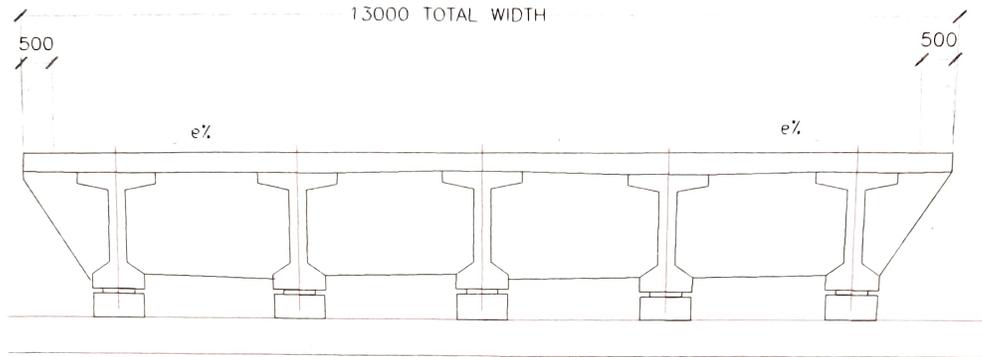
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NATIONAL HIGHWAY ZONE, PUBLIC WORKS DEPARTMENT, RAIPUR (Jh.)
National Highway Zone, Parambada Bazar (C.O.)
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PROJECT TITLE :-
Consultancy Services for Project Management Phase I including preparation of Detailed Project Report of selected stretches/corridors of National Highways for up gradation to two/four lane with paved shoulder configuration. (Ambikapur Ramanujanj Road)

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TITLE :-
**TYPICAL CROSS SECTION
AMBIKAPUR RAMANUJANJ ROAD**

REVISION :-	00	DRAWING NO. -	LEC/DPR/NHPWD/A-R/TCS/ (04)		
		SCALE -	NTS	DATE -	May 2022
DRAWN BY -	RT	DESIGN BY -	DS	APPROVED BY -	TL



**Fig. 7.10 (IRC SP 73:2015) Typical cross section of Grade Separated Structures Vehicle Underpass
TCS - 2 (2-lane Divided Highway)**

Ambikapur - Ramanujanj Road				
S.No.	Chainage	Total length	TCS Type	Remark
1	3.610	3.630	0.020	TCS-2 Modified TCS shall be as per IRC:SP:73-2015 Fig. 7.10 Typical cross section of Grade Separated Structures Vehicle Underpass TCS - 2 (2-lane Divided Highway)
2	9.655	9.675	0.020	TCS-2 Modified TCS shall be as per IRC:SP:73-2015 Fig. 7.10 Typical cross section of Grade Separated Structures Vehicle Underpass TCS - 2 (2-lane Divided Highway)
TOTAL LENGTH		0.040		



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S/E

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Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.S.)

CLIENT :-

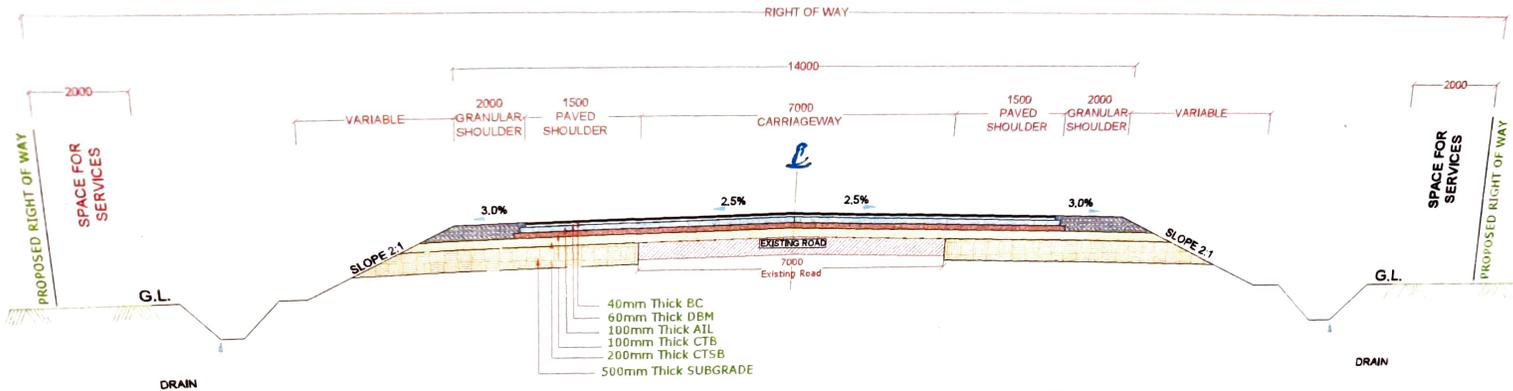
NATIONAL HIGHWAY ZONE, PUBLIC WORKS DEPARTMENT BHOPAL (C.S.)
 National Highway Zone, Pandharpada Bhopal (C.S.)
 Tel. - 0771-4851075, Fax. 0771-4023057
 email - canhs@rediffmail.com

PROJECT TITLE :-
Consultancy Services for Project Management Phase I including preparation of Detailed Project Report of selected stretches/corridors Of National Highways for up gradation to two/lane with paved shoulder configuration (Ambikapur-Ramanujanj Road)

LION ENGINEERING CONSULTANTS
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 Near Mother Teresa School, Kolar Road,
 Bhopal (M.P.) - 462042
 Tel. - 0755-3240521
 Fax. - 0755-2879499
 E-mail - lion@liongroup.in

TITLE :-
**TYPICAL CROSS SECTION
 AMBIKAPUR RAMANUJANJ ROAD**

REVISION NO. -	00	DRAWING NO. -	LEC/DP/NHPWD/A-R/TCS/ (02)
SCALE -	NTS	DATE -	May 2023
DRAWN BY -	RT	DESIGN BY -	DS
APPROVED BY -			TL



AS PER IRC-SP-73-2015 FIG. 2.2 TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY WITH PAVED SHOULDER (OPEN COUNTRY-PLAIN/ROLLING TERRAIN) RECONSTRUCTION TCS-4

Ambikapur - Ramanujanj Road					
S.No.	Chainage		Total length	TCS Type	Remark
1	13.520	13.700	0.180	TCS-4	Modified TCS shall be as per IRC:SP:73-2015 Fig. 2.2; Typical Cross Section for reconstruction of 2-Lane Carriageway with paved shoulder in open country
TOTAL LENGTH			0.180		

3/E

Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.O.)



CLIENT :-

NATIONAL HIGHWAY CORP. PUBLIC WORK DEPARTMENT BANGUR(G.O.)
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email - cwbpr@vsnl.com

PROJECT TITLE :-

Consultancy Services for Project Management Phase I including preparation of Detailed Project Report of proposed stretch corridors of National Highways for up gradation to two/lane with paved shoulder configuration (Ambikapur Ramanujanj Road)



LION ENGINEERING CONSULTANTS
Corporate Office -
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TITLE :-

TYPICAL CROSS SECTION
AMBIKAPUR RAMANUJANJ ROAD

REVISION :-

00

DRAWING NO - LEC/DP/ABP/WD/A-R/TCS/ (04)

SCALE :-

NTS

DATE :-

May 2022

DRAWN BY :-

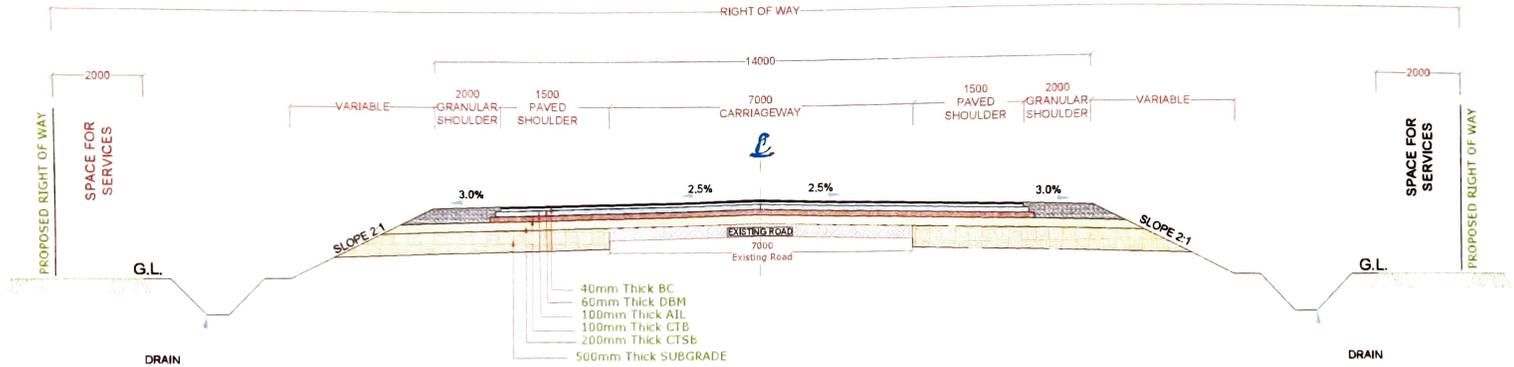
RT

DESIGN BY :-

DS

APPROVED BY :-

TL



AS PER IRC-SP-73-2015 FIG. 2.2 TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY WITH PAVED SHOULDER(OPEN COUNTRY-PLAIN/ROLLING TERRAIN) RECONSTRUCTION TCS-1

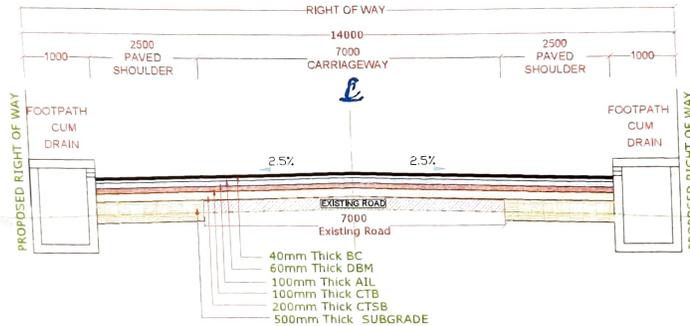


Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

S.NO.	1	2	3	4	5	6	7	8	9	10	11	12
FROM KM	90.620	91.100	91.720	92.020	92.860	94.120	95.150	99.280	99.900	100.640	107.240	108.750
TO KM	90.830	91.300	91.820	92.360	93.260	94.260	97.120	99.630	100.180	106.040	108.500	110.850
LENGTH IN KM	0.210	0.200	0.100	0.340	0.400	0.140	1.970	0.350	0.280	5.400	1.260	2.100

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<p>NATIONAL HIGHWAY ZONE, PUBLIC WORK DEPARTMENT BAPUR(B.S.) National Highway Zone, Panamamda Bapuri(C.G.) Tel - 0771-4281078 Fax- 0771-4023887 email - amg@rediffmail.com</p>	<p>PROJECT TITLE :- Consultancy Services for Project Management Phase I including preparation of Detailed Project Report of selected stretches/considor of National Highways for up gradation to two/four lane with paved shoulder configuration (Ambikapur Ranamangay Road)</p>	<p>LION ENGINEERING CONSULTANTS Corporate Office:- Plot No. 27, "Lion Tower", Depot Estate, Near Malwa Teresa School, Kolar Road, Bhopal (M.P.) - 462042 Tel - 0755-3246521 Fax - 0755-3874499 E-mail: lion@lioneng.in</p>	<p>TITLE :- TYPICAL CROSS SECTION AMBIKAPUR RMANUJGANJ ROAD</p>	<p>REVISION - 00 DRAWING NO - LBC/DR/NHPWD/A-R/TCS/ (01)</p>	<p>SCALE - NTS DATE - APRIL 2022</p>
	<p>DRAWN BY - RT DESIGN BY - DS</p>	<p>APPROVED BY - TL</p>			



AS PER IRC-SP-73-2018 FIG. NO. 2.6, TABLE NO. 2.2
 TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY
 WITH PAVED SHOULDER IN (ISOLATED BUILTUP AREA)
 RECONSTRUCTION TCS-2 (Modified)

S.NO.	1	2	3	4	5	6	7
FROM KM	87.470	88.470	97.120	99.130	100.180	106.040	110.850
TO KM	88.200	90.140	98.730	99.280	100.640	107.240	112.380
LENGTH IN KM	0.730	1.670	1.610	0.150	0.460	1.200	1.530



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 Executive Engineer
 P.W.D. N.H. Division
 Ambikapur, Surguja (C.G.)

CLIENT :-

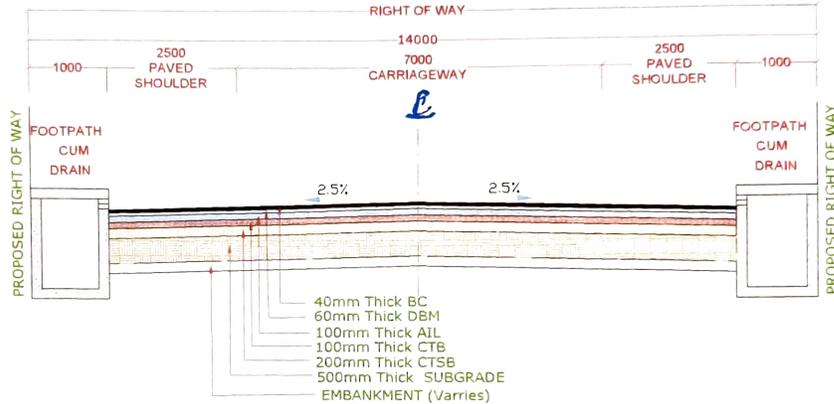
 NATIONAL HIGHWAY DEPT., PUBLIC WORKS DEPARTMENT, RAIPUR (M.P.)
 National Highway Zone, Parvatnagar, Raipur (C.G.)
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PROJECT TITLE :-
 Consultancy Services for Project Management Phase I including preparation of Detailed Project Report of selected state/sector corridors of National Highways for up gradation to two/four lane with paved shoulder configurations (Ambikapur Ramanujganj Road)



LION ENGINEERING CONSULTANTS
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TITLE :-		REVISION -	NO	DRAWING NO -	LEC/DR/HPWD/A-R/TCS/ (02)
TYPICAL CROSS SECTION ROAD AMBIKAPUR RMANUJGANJ ROAD		SCALE -	NTS	DATE -	APRIL 2017
DRAWN BY -	RT	DESIGN BY -	DS	APPROVED BY -	TL



AS PER IRC SP-73- 2018 FIG. NO. 2.6, TABLE NO. 2.2
TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY
With PAVED SHOULDER IN (ISOLATED BUILTUP AREA)
NEW CONSTRUCTION TCS-3 (Modified)

S.NO.	1	2
FROM KM	88.200	90.140
TO KM	88.470	90.620
LENGTH IN KM	0.270	0.480



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Executive Engineer
P.W.D. M.H. Division
Ambikapur, Surguja (C.G.)

CLIENT :-



NATIONAL HIGHWAY ZONE, PUBLIC WORK
DEPARTMENT (R&P/UR/EA)
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PROJECT TITLE :-

Consultancy Services for Project Management Phase I including
preparation of Detailed Project Report of selected stretches/corridors
Of National Highways for up gradation to two/lane with paved
shoulder configuration (Ambikapur Ramnagajay Road)

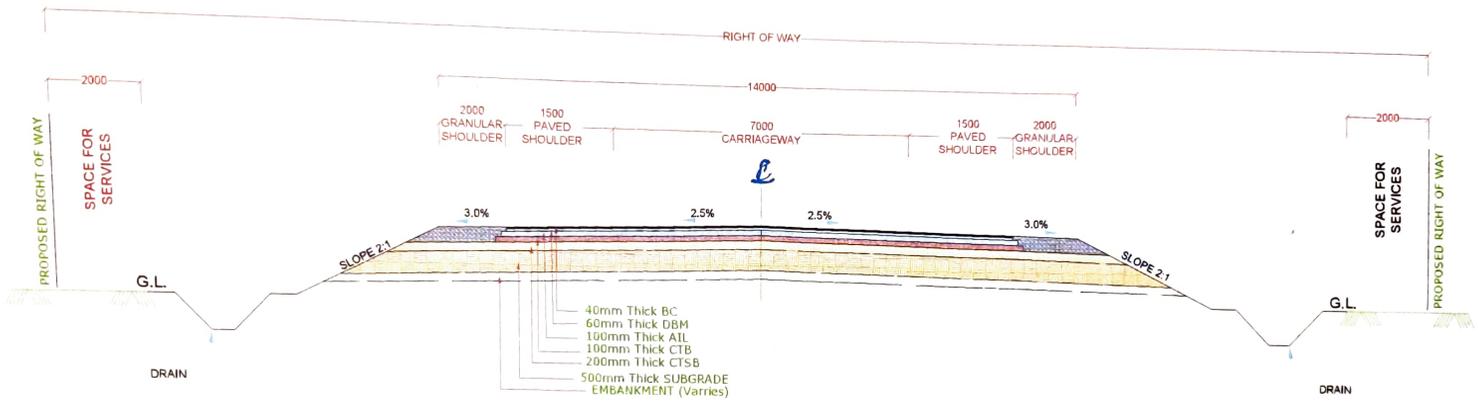


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TITLE :-

**TYPICAL CROSS SECTION
AMBIKAPUR RAMNAGAJAY ROAD**

REVISION -	00	DRAWING NO -	LRC/DP/NHP/DA-R/TCS/ (03)
		SCALE -	NTS
		DATE -	APRIL
DRAWN BY -	RT	DESIGN BY -	DS
		APPROVED BY -	TT



AS PER IRC -SP-73-2015 FIG 2.2 TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY WITH PAVED SHOULDER
(OPEN COUNTRY-PLAIN/ROLLING TERRAIN) NEW CONSTRUCTION / REALIGNMENT TCS - 4

S.NO.	1	2	3	4	5	6	7	8	9
FROM KM	90.830	91.300	91.820	92.360	93.260	94.260	98.730	99.630	108.500
TO KM	91.100	91.720	92.020	92.860	94.120	95.150	99.130	99.900	108.750
LENGTH IN KM	0.270	0.420	0.200	0.500	0.860	0.890	0.400	0.270	0.250



Handwritten signature/initials

Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

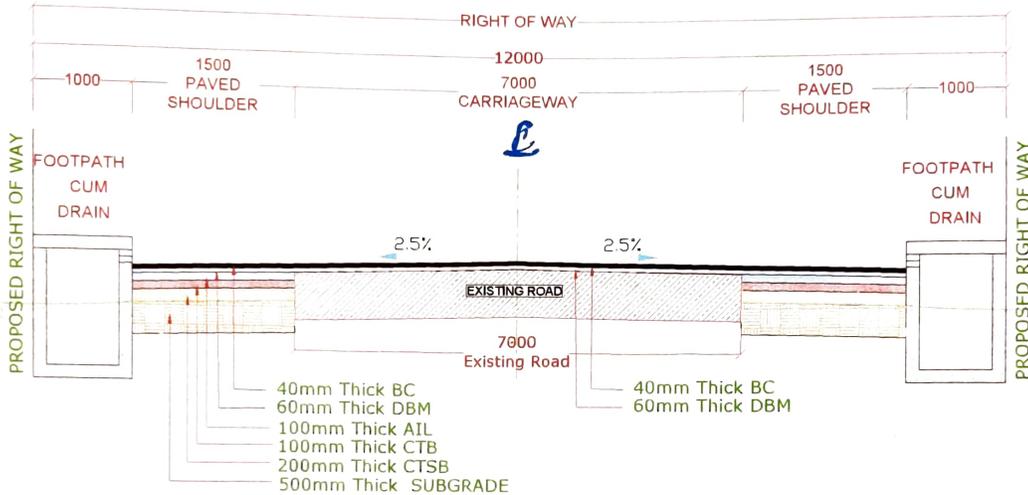
LION ENGINEERING CONSULTANTS
Corporate Office:-
Plot No. 97, "Lion Tower", Export Estate,
Near Motbar Terada School, Kolar Road,
Bhagalpur (B.P.) - 860002
Tel:- 0755-3246021
Fax:- 0755-2879489
E-mail: lion@lion.co

REVISION -		00	DRAWING NO -		LBC/DP/NHPWD/A-R/TCS/ (04)		
SCALE -	NTS	DATE -	APRIL 2023				
DRAWN BY -	RT	DESIGN BY -	DS	APPROVED BY -	TL		

CLIENT :-
NATIONAL HIGHWAY ZONE, PUBLIC WORK
DEPARTMENT (AMBIKAPUR)
National Highway Zone, Pansarnada Ropur(C.G.)
Tel - 0771-4051075, Fax, 0771-4023067
email - center@rediffmail.com

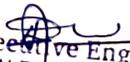
PROJECT TITLE :-
Consultancy Services for Project Management/Preparation of Detailed Project Report of selected stretches/corridors of National Highways for up gradation to two/four lane with paved shoulder configuration. (Ambikapur-Ramanujganj Road)

TITLE :-
**TYPICAL CROSS SECTION
AMBIKAPUR RMANUJGANJ ROAD**



As Per IRC-SP-2015
**TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY
 WITH PAVED SHOULDER IN (ISOLATED BUILTUP AREA)
 WIDENING & STRENGTHING TCS-5 (Modified)**

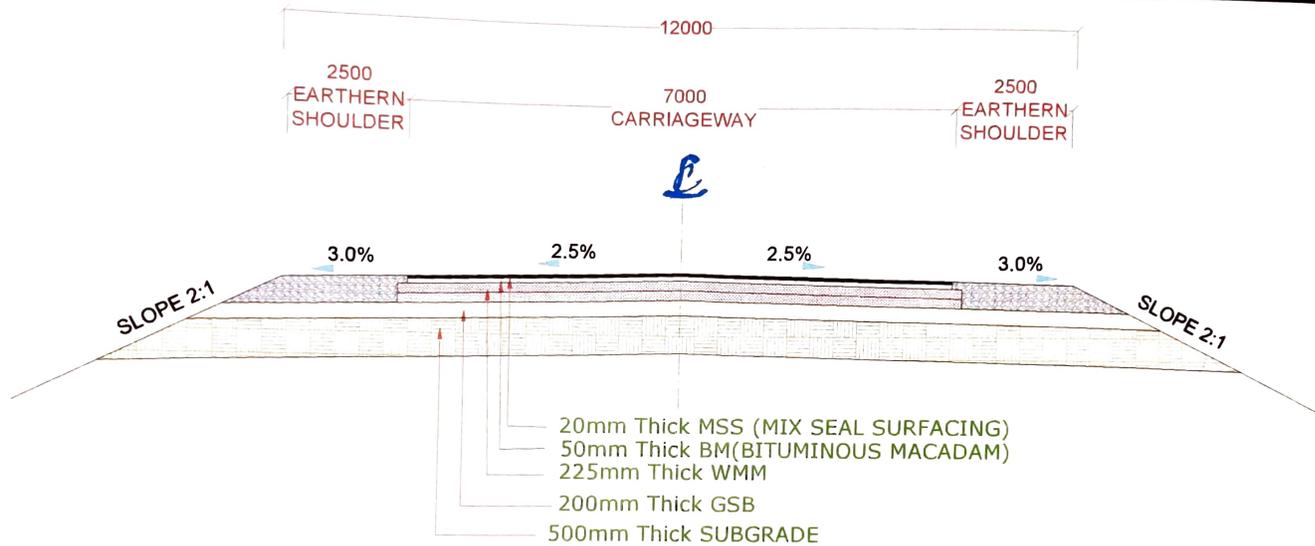
S.NO.	1
FROM KM	112.380
TO KM	114.800
LENGTH IN KM	2.420


 Executive Engineer
 P.W.D. N.H. Division
 Ambikapur, Surguja (C.G.)





CLIENT :-  NATIONAL HIGHWAY & PUBLIC WORKS DEPARTMENT BHUBANESWAR (O.S.) National Highway Zone, Parade Ground, Bhubaneswar (C.G.) Tel. - 0771-4021076, Fax. 0771-4823657 email - esw@nhpd.com	PROJECT TITLE :- <i>Consultancy Services for Project Management Phase I including preparation of Detailed Project Report of selected stretches/corridors of National Highways for up gradation to two/four lane with paved shoulder configuration (Ambikapur Ramanujganj Road)</i>	 LION ENGINEERING CONSULTANTS Corporate Office - Plot No. 97, "Lion Tower", Elegant Estate, Near Water Park School, Palar Road, Bhubaneswar (O.P.) - 751024 Tel. - 0755-2446321 Fax. - 0755-2879499 E-mail - lion@legc.com	TITLE :- TYPICAL CROSS SECTION AMBIKAPUR RMANUJGANJ ROAD	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">REVISION :-</td> <td style="width: 10%;">00</td> <td style="width: 20%;">DRAWING NO. -</td> <td style="width: 50%;">LEC/DR/NHPWD/A-2/TCS/ (05)</td> </tr> <tr> <td colspan="2"></td> <td>SCALE :-</td> <td>NTS</td> </tr> <tr> <td colspan="2"></td> <td>DATE :-</td> <td>APRIL 20</td> </tr> <tr> <td>DRAWN BY :-</td> <td>RT</td> <td>DESIGN BY :-</td> <td>DS</td> </tr> <tr> <td colspan="2"></td> <td>APPROVED BY :-</td> <td>TL</td> </tr> </table>	REVISION :-	00	DRAWING NO. -	LEC/DR/NHPWD/A-2/TCS/ (05)			SCALE :-	NTS			DATE :-	APRIL 20	DRAWN BY :-	RT	DESIGN BY :-	DS			APPROVED BY :-	TL
REVISION :-	00	DRAWING NO. -	LEC/DR/NHPWD/A-2/TCS/ (05)																					
		SCALE :-	NTS																					
		DATE :-	APRIL 20																					
DRAWN BY :-	RT	DESIGN BY :-	DS																					
		APPROVED BY :-	TL																					



TYPICAL CROSS SECTION FOR TEMPORARY DIVERSION OF TWO LANE CARRIAGEWAY AS PER MORTH SPECIFICATION


 Executive Engineer
 P.W.D. N.H. Division
 Ambikapur, Surguja (C.G.)

DIVERSION DETAILS PACKAGE - 3

S.NO.	CHAINAGE		LENGTH	WIDTH	CRUST	TYPE OF PROPOSED STRUCTURE FOR DIVERSION
	FROM	TO				
1	94.163	94.238	75	12	MSS-20MM	HPC
2	99.502	99.562	60	12	BM-50MM	HPC
3	99.840	99.920	80	12	WMM-225MM	HPC
4	104.540	104.605	65	12	GSB-200MM	HPC
5	105.295	105.395	100	12	SUB GRADE-500MM	HPC
6	111.808	111.893	85	12		HPC




 JPC

CLIENT :-

NATIONAL HIGHWAY ZONE, PUBLIC WORK
 DEPARTMENT BAPUR (S.O.)
 National Highway Zone, Pararamanda Rajpur (C.G.)
 Tel. - 0771-4021076, Fax. 0771-4023057
 e-mail - cswb@rediffmail.com

PROJECT TITLE :-

*Consultancy Services for Project Management Phase I including
 preparation of Detailed Project Report of selected stretches/corridors
 Of National Highways for up gradation to two/lane with paved
 shoulder configuration. (Ambikapur Ramanujganj Road)*

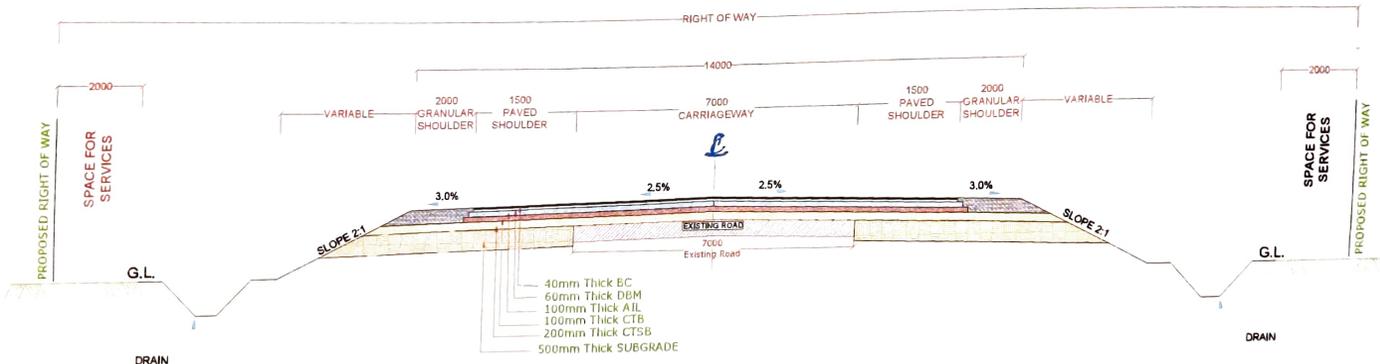


LION ENGINEERING CONSULTANTS
 Corporate Office:-
 Plot No. 97, "Lion Tower", Depot Estate,
 Near Mohan Tarao School, Kolar Road
 Bangalore (K.P.) - 560042
 Tel. - 0755-3246221
 Fax - 0755-2879494
 E-mail - de@lioneng.com

TITLE :-

**TYPICAL CROSS SECTION
 AMBIKAPUR RAMANUJGANJ ROAD**

REVISION -	00	DRAWING NO. -	LBC/DP/NHPWD/A-R/TC/S (00)
		SCALE -	NTS
		DATE -	APRIL 2022
DRAWN BY -	RT	DESIGN BY -	DS
		APPROVED BY -	TL



AS PER IRC-SP-73-2015 FIG. 2.2 TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY WITH PAVED SHOULDER (OPEN COUNTRY-PLAIN/ROLLING TERRAIN) RECONSTRUCTION. TCS-1

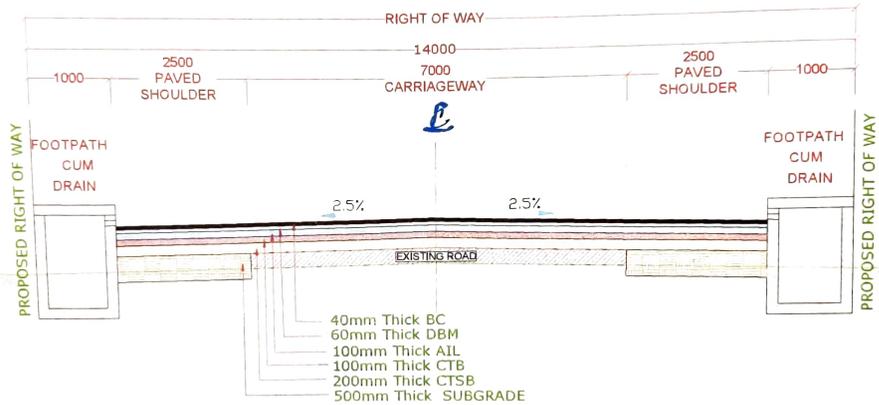


Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

S.NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
FROM KM	13.700	15.350	16.750	18.050	20.400	21.350	23.980	27.050	28.650	31.175	32.700	34.850	43.500	47.370	51.270	52.070	52.650	53.430	54.130	56.000	60.000	61.400
TO KM	14.435	15.925	17.300	20.050	21.050	23.150	26.150	28.250	31.165	32.150	34.400	39.530	45.170	50.770	51.710	52.300	53.260	53.670	54.700	59.720	60.700	62.400
LENGTH IN KM	0.735	0.575	0.550	2.000	0.650	1.800	2.170	1.200	2.515	0.975	1.700	4.680	1.670	3.400	0.440	0.230	0.610	0.240	0.570	3.720	0.700	1.000

Signature

CLIENT :- NATIONAL HIGHWAY ZONE, PUBLIC WORK DEPARTMENT, RAIPUR (M.P.) National Highway Zone, Parlemunda Rajpur (C.G.) Tel. - 0771-081076, Fax. - 0771-0823067 e-mail - center@raipurnvd.com	PROJECT TITLE :- Consultancy Services for Project Management Phase I including preparation of Detailed Project Report of selected stretches/corridors of National Highways for up gradation to two/lane with paved shoulder configuration (Ambikapur-Ramanujganj Road)	LION ENGINEERING CONSULTANTS Corporate Office :- Plot No. 27, Sun Tower, Elegant Estate, Near Mukherji Terace School, Kolar Road, Bhopal (M.P.) - 462042 Tel. - 0755-2746521 Fax - 0755-2746599 E-mail - lioneng@rediffmail.com	TITLE :- TYPICAL CROSS SECTION AMBIKAPUR RAMANUJGANJ ROAD	REVISION - BU DRAWING NO - LEC/PR/NHP/WDA/BTCS/ (01)
				SCALE - MTS DATE - APRIL : 2022
DRAWN BY - RT DESIGN BY - DB APPROVED BY - TL				



AS PER IRC-SP-73-2018 FIG. NO. 2.6, TABLE NO. 2.2
TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY
WITH PAVED SHOULDER IN (ISOLATED BUILTUP AREA)
RECONSTRUCTION TCS-2 (Modified)

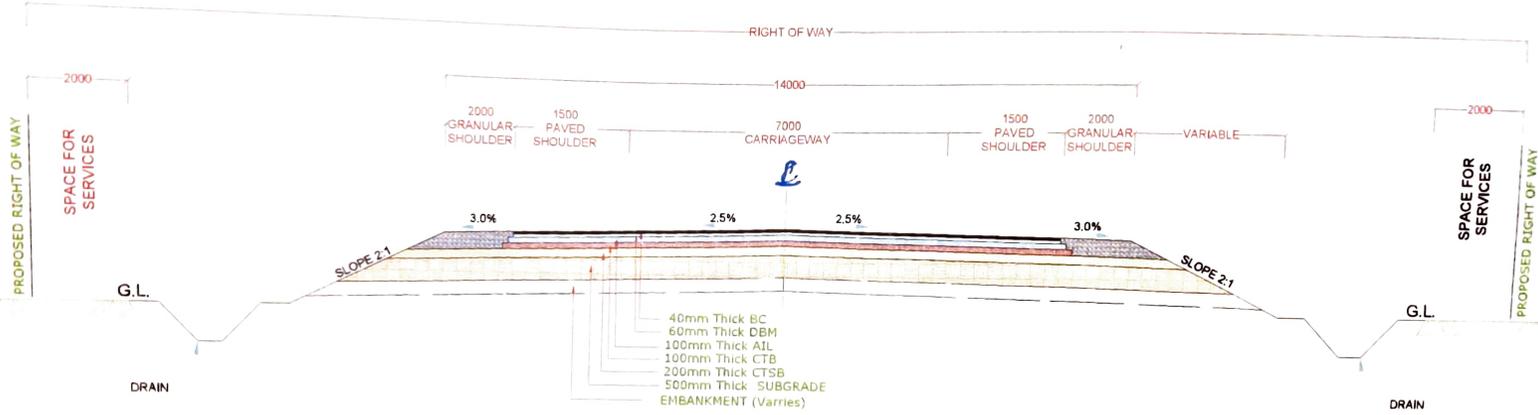


Handwritten signature and initials 'S/E' in blue ink.

Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.G.)

S.NO.	1	2	3	4	5	6	7	8	9
FROM KM	17.300	20.050	23.150	26.150	28.250	40.280	40.700	45.170	60.700
TO KM	18.050	20.400	23.980	27.050	28.650	40.470	43.500	46.840	61.400
LENGTH IN KM	0.750	0.350	0.830	0.900	0.400	0.190	2.800	1.670	0.700

CLIENT :- NATIONAL HIGHWAY ZONE, PUBLIC WORK DEPARTMENT RAIPUR(C.G.) National Highway Zone, Pannarnada Region(C.G.) Tel. :- 0771-4611976, Fax. :- 0771-4622667 email :- rwnz@vsnl.com	PROJECT TITLE :- Consultancy Services for Project Management Phase I including preparation of Detailed Project Report of selected stretches/corridors of National Highways for up gradation to two/four lane with paved shoulder configuration (Ambikapur Ramanjilaganj Road)	LION ENGINEERING CONSULTANTS CONSULTANTS SOLE OFFICE :- Plot No. 97 "Lion Tower", Eminent Estate, Near Mother Teresa School, Near Post Office (M.P.) - 462042 Tel. :- 0773-242620 Fax. :- 0773-287949 E-mail :- lion@lion.com	TITLE :- TYPICAL CROSS SECTION AMBIKAPUR RAMANJILAGANJ ROAD	REVISION - 00 DRAWING NO - LEC/DP/HP/WD/A-R/TCS/ (02)	SCALE - NTS DATE - APRIL 2023
				DRAWN BY - RT DESIGN BY - DS APPROVED BY - TL	



AS PER IRC -SP-73-2015 FIG. 2.2 TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY WITH PAVED SHOULDER
(OPEN COUNTRY-PLAIN/ROLLING TERRAIN) NEW CONSTRUCTION / REALIGNMENT TCS - 3



Handwritten signature and initials 'SE'.

Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.C.)

S.NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FROM KM	14.435	15.925	21.050	32.150	34.400	34.610	39.530	46.840	50.770	51.710	52.300	53.260	53.670	54.700	59.720	62.400
TO KM	15.350	16.750	21.350	32.700	34.590	34.850	40.280	47.370	51.270	52.070	52.650	53.430	54.130	56.000	60.000	62.700
LENGTH IN KM	0.915	0.825	0.300	0.550	0.190	0.240	0.750	0.530	0.500	0.360	0.350	0.170	0.460	1.300	0.280	0.300

CLIENT :-

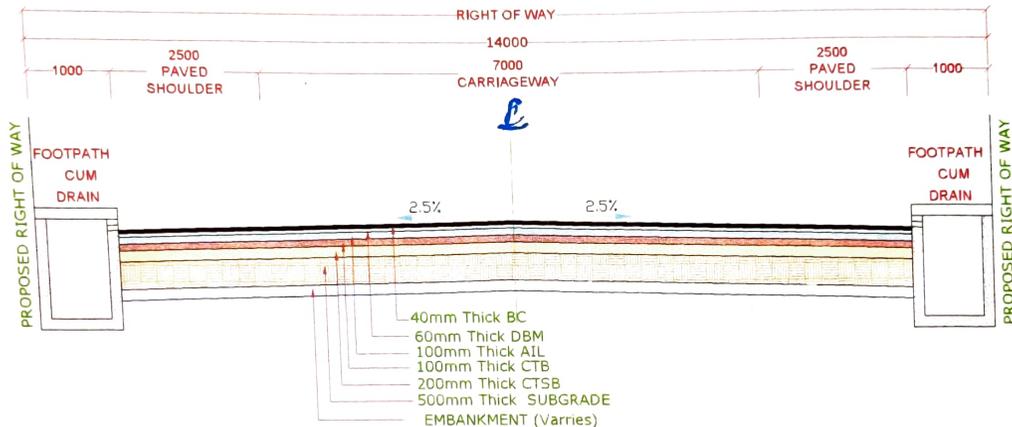
NATIONAL HIGHWAY ZONE, PUBLIC WORK DEPARTMENT BHUBANESWAR, ODISHA
 National Highway Zone, Purnananda Rajpur(C.O.)
 Tel. - 0774-2581078, Fax - 0774-2581067
 Email - zonal@odpwl.com

PROJECT TITLE :-
 Consultancy Services for Project Management Phase I including preparation of Detailed Project Report of selected stretches/corridors of National Highways for up gradation to two-lane with paved shoulder configuration (Ambikapur-Ramanujganj Road)

 **LION ENGINEERING CONSULTANTS**
 Corporate Office -
 Plot No. 27, Sun Tower, Dugait Estate,
 Near Mother Teresa School, Katar Road,
 Bhubaneswar (O.D.) - 751002
 Tel. - 0774-2746521
 Fax - 0774-2704650
 E-mail - lioneng@rediffmail.com

TITLE :-
**TYPICAL CROSS SECTION
 AMBIKAPUR RAMANUJGANJ ROAD**

REVISION -	00	DRAWING NO. -	LEC/DP/NH/PWDA/RTCS (03)
SCALE -	NTS	DATE -	APRIL 2023
DRAWN BY -	RT	DESIGN BY -	DS
APPROVED BY -	TL		



AS PER IRC SP-73- 2018 FIG. NO. 2.6, TABLE NO. 2.2
TYPICAL CROSS SECTION TWO-LANE CARRIAGEWAY
 With PAVED SHOULDER IN (ISOLATED BUILTUP AREA)
 NEW CONSTRUCTION TCS-4 (Modified)

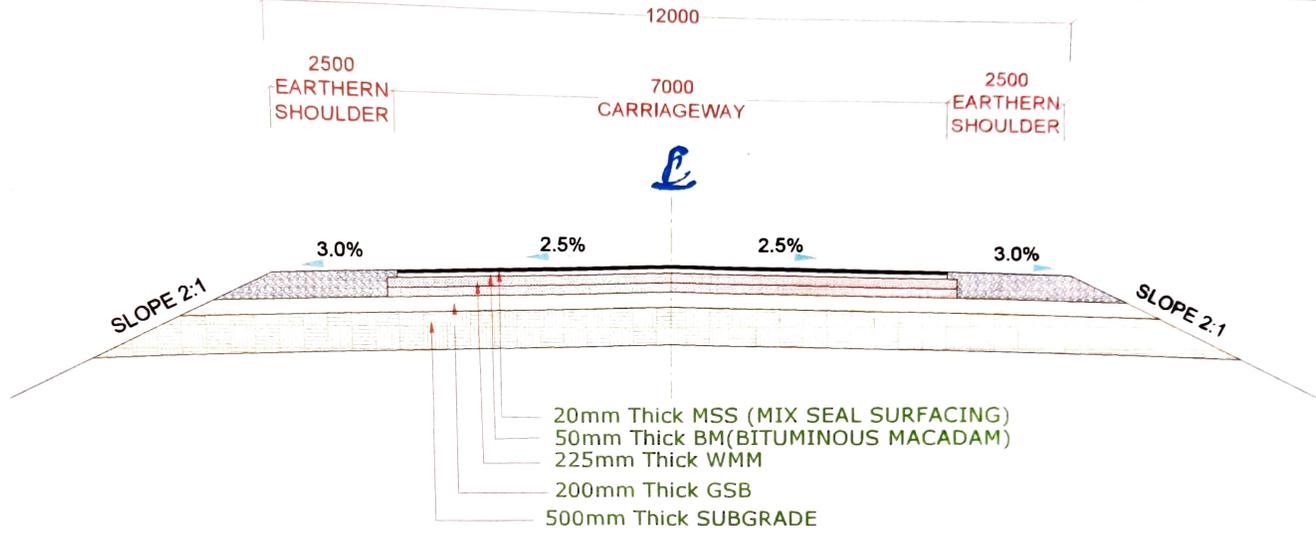
S.NO.	1
FROM KM	40.470
TO KM	40.700
LENGTH IN KM	0.230

[Signature]
 Executive Engineer
 P.W.D. N.H. Division
 Ambikapur, Surguja (C.O.)



[Signature]
 E.E.

CLIENT :- NATIONAL HIGHWAY ZONE, PUBLIC WORK DEPARTMENT RAIPUR (C.O.) National Highway Zone, Panchsarda Raipur (C.O.) Tel. - 0771-4051075, Fax. 0771-4022057 email - esmr@rediffmail.com	PROJECT TITLE :- <i>Consultancy Services for Project Management Phase I including preparation of Detailed Project Report of selected stretches/corridors Of National Highways for up gradation to two/four lane with paved shoulder configuration (Ambikapur-Ramanujganj Road)</i>	LION ENGINEERING CONSULTANTS Corporate Office :- Plot No. 97, "Sud Tower", Eragon Estate, Near Mother Teresa School, Kolar Road, Bhopal (M.P.) - 462042 Tel. - 0755-3246251 Fax - 0755-2879499 E-mail: lionengr@gmail.com	TITLE :- TYPICAL CROSS SECTION AMBIKAPUR RAMANUJGANJ ROAD				
			REVISION - 00 DRAWING NO - LEO/DP/NGPWD/A-R/TCS/ (04)	SCALE - NTS DATE - APRIL - 2022	DRAWN BY - RT DESIGN BY - DS APPROVED BY - TL	APPROVED BY - TL	APPROVED BY - TL



**TYPICAL CROSS SECTION FOR TEMPORARY DIVERSION
OF TWO LANE CARRIAGEWAY AS PER MORTH SPECIFICATION**

Executive Engineer
P.W.D. N.H. Division
Ambikapur, Surguja (C.O.)

DIVERSION DETAILS PACKAGE - 1

S.NO.	CHAINAGE		LENGTH	WIDTH	CRUST	TYPE OF PROPOSED STRUCTURE FOR DIVERSION
	FROM	TO				
1	25.593	25.678	85	12	MSS-20MM BM-50MM WMM-225MM GSB-200MM SUB GRADE-500MM	HPC
2	27.043	27.118	75	12		HPC
3	49.278	49.403	125	12		HPC
4	49.525	49.645	120	12		HPC
5	52.743	52.838	95	12		HPC
6	58.125	58.235	110	12		HPC
7	58.980	59.070	90	12		HPC
8	60.330	60.420	90	12		HPC



S/E

CLIENT :-
NATIONAL HIGHWAY CORP., PUBLIC WORK DEPARTMENT BANGUR (A-4)
National Highway Zone, Postmanshahi Road, C-2
Tel. - 071-661015, Fax - 071-662087
e-mail - cwr@nhi.co.in

PROJECT TITLE :-
Consultancy Services for Project Management Phase I including preparation of Detailed Feasibility Report of selected stretch/corridor of National Highways for up gradation to two/lane with paved shoulder configuration (Ambikapur Ramanujganj Road)



LION ENGINEERING CONSULTANTS
CONSULTANTS
Plot No. 97, "Lion" Tower, Durgam Chalo,
Near Noida Metro Station, Noida, Uttar Pradesh
Tel. - 0756-3246521
Fax - 0756-2879499
E-mail - lioneng@rediffmail.com

TITLE :-
TYPICAL CROSS SECTION
AMBIKAPUR RAMANUJGANJ ROAD

REVISION -	06	DRAWING NO. -	LECT/PE/NHPWD/A-8/TCS (06)
SCALE -	NTS	DATE -	APRIL 2022
DRAWN BY -	RT	DESIGN BY -	DS
APPROVED BY -	TL		