

Schedule A
(See Clause 2.1 and 8.1)
SITE OF THE PROJECT

1 The Site

- 1.1 Site of the Two-Lane Project Highway shall include the land, buildings, Structures and road works as described in Annex-I of this Schedule-A.
- 1.2 The dates of handing over the Right of Way to the Contractor are specified in Annex-II of this Schedule-A.
- 1.3 An inventory of the Site including the land, buildings, structures, road works, trees and any other immovable property on, or attached to, the Site shall be prepared jointly by the Authority Representative and the Contractor, and such inventory shall form part of the memorandum referred to in Clause 8.2.1 of this Agreement.
- 1.4 The alignment plans of the Project Highway are specified in Annex-III. In the case of sections where no modification in the existing alignment of the Project Highway is contemplated, the alignment plan has not been provided. Alignment plans have only been given for sections where the existing alignment is proposed to be upgraded. The proposed profile of the Project Highways shall be followed by the Contractor with minimum FRL as indicated in the alignment plan. The contractor, however, improve/upgrade the Road Profile as indicated in Annexure-III based on site/design requirement.
- 1.5 The status of the environment clearances obtained or awaited is given in Annex-IV.

Annex – I
(Schedule-A)
Site

1. Site

The Site of the Two-Lane Project Highway comprises the section of National Highway NH-37 commencing from km 297.000 to km 315.315 i.e. from Rangagara to KaliaborTiniali section in the State of Assam. The land, carriageway and structures comprising the site are described below.

2. Land

The Site of the Project Highway comprises the land described below:

Sl. No.	NH Chainage	Existing ROW			Land use	Remarks
		LHS from CL (M)	RHS from CL (M)	Total ROW (M)		
1	297.000	15.24	12.19	27.43	Agriculture/ Residence	Gatanga
2	297.100	12.19	15.24	27.43		Gatanga
3	297.200	15.24	12.19	27.43		Gatanga
4	297.300	12.19	15.24	27.43		Gatanga
5	297.400	9.14	6.10	15.24		Gatanga
6	297.500	12.19	3.05	15.24		Gatanga
7	297.600	15.24	9.14	24.38		Gatanga
8	297.700	15.24	12.19	27.43		Gatanga
9	297.800	15.24	12.19	27.43		Gatanga
10	297.900	15.24	9.14	24.38		Gatanga
11	298.000	12.19	12.19	24.38		Gatanga
12	298.100	15.24	12.19	27.43		Gatanga
13	298.200	13.72	13.72	27.44		Gatanga
14	298.300	13.72	15.24	28.96		Gatanga
15	298.400	12.19	15.24	27.43		Gatanga
16	298.500	13.72	12.19	25.91		Gatanga
17	298.600	12.80	12.19	24.99		Gatanga
18	298.700	13.72	12.19	25.91		Gatanga/ Rangagarah
19	298.800	12.80	12.19	24.99		Rangagarah
20	298.900	10.67	12.19	22.86		Rangagarah
21	299.000	9.14	10.67	19.81		Rangagarah
22	299.100	9.14	12.19	21.33		Rangagarah
23	299.200	9.14	12.19	21.33		Rangagarah
24	299.300	9.14	12.19	21.33		Rangagarah
25	299.400	9.14	10.67	19.81		Rangagarah

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26	299.500	7.62	13.72	21.34	Rangagarah
27	299.600	12.19	12.19	24.38	Rangagarah
28	299.700	13.72	13.72	27.44	Rangagarah
29	299.800	12.19	12.19	24.38	Rangagarah
30	299.900	3.05	15.24	18.29	Rangagarah
31	300.000	13.72	13.72	27.44	Bhomoraguri (LS)/ Rangagarah (RS)
32	300.100	13.72	15.24	28.96	Bhomoraguri (LS)/ Rangagarah (RS)
33	300.200	15.24	15.85	31.09	Bhomoraguri (LS)/ Rangagarah (RS)
34	300.300	15.24	19.81	35.05	Bhomoraguri (LS)/ Rangagarah (RS)
35	300.400	16.76	3.05	19.81	Bhomoraguri (LS)/ Rangagarah (RS)
36	300.500	3.05	7.62	10.67	Bhomoraguri (LS)/ Rangagarah (RS)
37	300.600	3.05	7.62	10.67	Bhomoraguri (LS)/ Rangagarah (RS)
38	300.700	12.19	6.10	18.29	Bhomoraguri (LS)/ Rangagarah (RS)
39	300.800	15.24	6.10	21.34	Bhomoraguri (LS)/ Rangagarah (RS)
40	300.900	15.24	9.14	24.38	Amoni Starts
41	301.000	15.24	18.29	33.53	Amoni
42	301.100	12.19	21.34	33.53	Amoni
43	301.200	15.24	22.86	38.10	Amoni
44	301.300	12.19	22.86	35.05	Amoni
45	301.400	15.24	32.00	47.24	Amoni
46	301.500	16.76	30.48	47.24	Amoni
47	301.600	15.24	22.86	38.10	Amoni
48	301.700	13.72	15.24	28.96	Amoni
49	301.800	15.24	15.24	30.48	Amoni
50	301.900	13.72	18.29	32.01	Amoni
51	302.000	15.24	16.76	32.00	Amoni
52	302.100	15.24	16.76	32.00	Amoni
53	302.900	15.24	18.29	33.53	Amoni
54	303.000	12.19	19.81	32.00	Amoni
55	303.100	15.24	19.81	35.05	Missa (LS), Samaguri (RS)/ (Kaliabor Circle Starts)
56	303.200	15.24	15.24	30.48	Missa

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57	303.300	15.24	16.76	32.00		Missa	
58	303.400	6.10	3.05	9.15		Missa	
59	303.500	7.62	4.57	12.19		Missa	
60	303.600	6.10	6.10	12.20		Missa	
61	303.700	6.10	7.62	13.72		Missa	
62	303.800	6.10	6.10	12.20		Missa	
63	303.900	6.10	4.57	10.67		Missa	
64	304.000	6.10	4.57	10.67		Missa	
65	304.100	6.10	12.19	18.29		Missa	
66	304.200	6.10	12.19	18.29		Missa	
67	304.300	4.57	25.60	30.17		L-Missa/ R-Kaliden	
68	304.400	6.10	28.04	34.14		L-Missa/ R-Kaliden	
69	304.500	9.14	18.29	27.43	Agriculture/ Residence	L-Missa/ R-Kaliden	
70	304.600	15.24	12.19	27.43		L-Missa/ R-Kaliden	
71	304.700	18.29	7.92	26.21		L-Missa/ R-Kaliden	
72	304.800	24.38	3.96	28.34		L-Missa/ R-Kaliden	
73	304.900	21.34	5.49	26.83		L-Missa/ R-Kaliden	
74	305.000	10.67	7.92	18.59		L-Missa/ R-Kaliden	
75	305.100	13.72	7.92	21.64		L-Missa/ R-Kaliden	
76	305.200	13.72	7.92	21.64		L-Missa/ R-Kaliden	
77	305.300	18.29	7.92	26.21		L-Missa/ R-Kaliden	
78	305.400	16.76	7.92	24.68		L-Missa/ R-Kaliden	
79	305.500	15.24	5.49	20.73		L-Missa/ R-Kaliden	
80	305.600	16.76	5.49	22.25		L-Missa/ R-Kaliden	
81	305.700	15.24	3.96	19.20		L-Missa/ R-Kaliden	
82	305.800	15.24	5.49	20.73		L-Missa/ R-Kaliden	
83	305.900	15.24	7.92	23.16		L-Missa/ R-Kaliden	
84	306.000	15.24	10.06	25.30		Built up	L-Missa/ R-Kaliden
85	306.100	16.764	12.19	28.95			JKD Sub Div. Starts
86	306.200	16.76	12.19	28.95	L-Missa/ R-MissaSahBagan		
87	306.300	13.72	6.00	19.72	Built up	L-Missa/ R-MissaSahBagan	
88	306.400	18.29	6.00	24.29		L-Missa/ R-MissaSahBagan	
89	306.500	13.716	6.00	19.72		L-Missa/ R-MissaSahBagan	
90	306.600	15.24	6.00	21.24		L-Missa/ R-MissaSahBagan	
91	306.700	15.24	6.00	21.24		L-Missa/ R-MissaSahBagan	
92	306.800	15.24	6.00	21.24		L-Missa/ R-MissaSahBagan	
93	306.900	16.76	6.00	22.76		L-Missa/ R-MissaSahBagan	
94	307.000	16.76	6.00	22.76		L-Missa/ R-MissaSahBagan	
95	307.100	6.10	6.00	12.10		Agriculture/ Residence	L-Missa/ R-MissaSahBagan
96	307.200	4.57	6.00	10.57			L-Missa/ R-MissaSahBagan
97	307.300	5.49	6.00	11.49	L-Missa/ R-MissaSahBagan		

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98	307.400	4.57	6.00	10.57	L-Missa/ R-MissaSahBagan
99	307.500	5.49	6.00	11.49	L-Missa/ R-MissaSahBagan
100	307.600	13.72	6.00	19.72	L-Missa/ R-MissaSahBagan
101	307.700	18.29	6.00	24.29	L-Missa/ R-MissaSahBagan
102	307.800	10.06	10.06	20.12	Row Mari Bill
103	307.900	10.06	10.06	20.12	Row Mari Bill
104	308.000	7.01	7.01	14.02	Row Mari Bill
105	308.100	6.10	14.02	20.12	Row Mari Bill
106	308.200	14.63	17.37	32.00	Row Mari Bill
107	308.300	17.98	17.98	35.96	Row Mari Bill
108	308.400	17.98	21.95	39.93	Row Mari Bill
109	308.500	20.73	21.95	42.68	Row Mari Bill
110	308.600	23.77	21.95	45.72	Row Mari Bill
111	308.700	21.95	24.69	46.64	Row Mari Bill
112	308.800	21.95	25.30	47.25	Row Mari Bill
113	308.900	21.95	26.82	48.77	Row Mari Bill
114	309.000	22.86	26.82	49.68	Row Mari Bill
115	309.100	24.08	28.04	52.12	Row Mari Bill
116	309.200	21.95	23.77	45.72	Row Mari Bill
117	309.300	18.90	21.95	40.85	Row Mari Bill
118	309.400	19.81	21.95	41.76	Row Mari Bill
119	309.500	19.20	25.91	45.11	Row Mari Bill
120	309.600	24.38	22.56	46.94	Row Mari Bill
121	309.700	19.81	19.81	39.62	Row Mari Bill
122	309.800			-	Row Mari Bill
123	309.900	15.85	19.81	35.66	Row Mari Bill
124	310.000	15.85	19.81	35.66	Row Mari Bill/ Boraligaon
125	310.100	15.85	16.76	32.61	Boraligaon
126	310.200	17.98	17.98	35.96	Boraligaon
127	310.300	19.81	15.85	35.66	Boraligaon
128	310.400	17.68	14.63	32.31	Boraligaon
129	310.500	15.85	15.85	31.70	Boraligaon
130	310.600	16.76	16.76	33.52	Boraligaon
131	310.700	13.41	14.63	28.04	Boraligaon
132	310.800	15.85	13.72	29.57	Boraligaon
133	310.900	14.94	15.85	30.79	Boraligaon
134	311.000	14.63	17.98	32.61	Boraligaon
135	311.100	14.02	14.02	28.04	Boraligaon
136	311.200	14.94	14.02	28.96	Boraligaon
137	311.300	14.02	17.98	32.00	Boraligaon
138	311.400	14.63	14.63	29.26	Boraligaon

**Agriculture/
Residence**

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139	311.500	11.89	15.85	27.74		Boraligaon
140	311.600	14.63	14.63	29.26		Boraligaon
141	311.700	11.89	16.76	28.65		Boraligaon
142	311.800	14.02	15.85	29.87		Boraligaon
143	311.900	17.98	17.98	35.96		Boraligaon
144	312.000	17.98	17.98	35.96		Boraligaon
145	312.100	16.46	16.46	32.92		Boraligaon
146	312.200	14.63	17.98	32.61		Boraligaon/ Darigaji
147	312.300	14.33	18.29	32.62		Darigaji
148	312.400	14.02	18.90	32.92		Darigaji
149	312.500	16.76	18.90	35.66		Darigaji
150	312.600	16.76	16.76	33.52		Darigaji
151	312.700	17.68	15.85	33.53		Darigaji
152	312.800	17.68	17.68	35.36		Darigaji
153	312.900	16.76	16.76	33.52		Darigaji
154	313.000	18.90	18.59	37.49		Darigaji
155	313.100	17.68	19.81	37.49		Darigaji
156	313.200	17.68	19.81	37.49		Darigaji
157	313.300	18.90	19.81	38.71		Darigaji
158	313.400	17.98	19.81	37.79		Darigaji
159	313.500	17.98	18.90	36.88		Darigaji/ Hatigaon
160	313.600	14.02	6.10	20.12		Hatigaon
161	313.700	14.94	7.01	21.95		Hatigaon
162	313.800	17.98	6.10	24.08		Hatigaon
163	313.900	18.59	8.84	27.43		Hatigaon
164	314.000	17.68	18.59	36.27		Hatigaon
165	314.100	18.90	17.68	36.58		Hatigaon
166	314.200	18.90	17.68	36.58		Hatigaon
167	314.300	18.90	23.77	42.67		Hatigaon
168	314.400			-		Hatigaon
169	314.500	21.03	16.76	37.79		Hatigaon
170	314.600	18.90	18.90	37.80	Built up	Hatigaon
171	314.700	20.73	18.59	39.32		Hatigaon
172	314.800	19.81	15.85	35.66		Hatigaon
173	314.900	18.59	20.73	39.32		Hatigaon
174	315.000	19.81	21.95	41.76		Hatigaon
175	315.100	17.68	18.59	36.27		Hatigaon
176	315.200	26.00	-	26.00	Agriculture/ Residence	Hatigaon/ Kuwaritol
177	315.300	24.99	4.88	29.87		Kuwaritol
178	315.400	12.80	4.88	17.68		Kuwaritol
179	315.433	16.76	5.79	22.55		Kuwaritol

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3. Carriageway

The present carriageway of the Project Highway is **Two Lane**. The type of the existing pavement is **flexible**. Details of carriageway & pavement are as under:

Existing chainage		Carriageway width in m (BT)	Paved Shoulder	Earthen Shoulders		Service Road	
From	To			Left	Right	Left	Right
297.000	302.200	7.00	NA	1.8	2.2		
302.200	303.000	7.00	1.50 m (both Side)			7.0	10.0
303.000	306.060	7.00	NA	2.2	2.3		
306.060	307.050	7.00	NA	3.0	3.0		
307.000	314.500	7.00	NA	2.3	2.5		
314.500	315.100	7.00	NA	2.4	1.8		
315.100	315.315	7.00	NA	2.5	2.1		

4. Major Bridge

The Site includes the following Major Bridges:

Sl. No	Existing Chainage (km)	Type of Structure			No. of Spans with span length (m)	Width (m)
		Foundation	Sub-Structure	Super Structure		
Nil						

5. Road over-bridges (ROB)/ Road under-bridges (RUB)

The Site includes the following ROB (road over railway line)/ RUB (road under railway line):

S. No.	Chainage (km)	Type of Structures		No. of Spans with span length (m)	Total Width (m)	ROB/ RUB
		Foundation	Super structure			
Nil						

6. Grade separators

The Site includes the following grade separators:

S. No.	Chainage (km)	Type of Structures		No. of Spans with span length (m)	Total Width (m)
		Foundation	Super structure		
Nil					

7. Minor Bridges

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The Site includes the following Minor Bridges:

S. No.	Existing Chainage (km)	Type of Structure		No. of Spans x span length (m)	Width (m)
		Foundation	Super-Structure		
1	303.200	Well	RC T-BEAM	5 x 9.14	7.5
2	306.917	Well	RC T-BEAM	3 x 9.14	7.5

8. Railway level crossings

The Site includes the following railway level crossings:

Sl. No.	Existing Chainage (km)	Number of Tracks	Remark
NIL			

9. Underpasses (vehicular, non vehicular)

The Site includes the following underpasses:

S. No.	Chainage(km)	Type of structure	No of Span with Span length(m)	width (m)
NIL				

10. Culvert

The Site has the following culverts:

10.1 List of Pipe Culverts

S. No.	Existing Chainage	Design Chainage	Existing Type of Structure	Existing (m) Span Arrangement	Existing Width in m
Nil					

10.2 List of Slab/Box/Arch Culverts

S. No.	Chainage	Existing Type of Structure	Existing (m) Span Arrangement	Existing Width in m
1	298.960	Box Culvert	(2.0mx2.0m)	16.00
2	300.800	Box Culvert	(2.0mx2.0m)	16.00
3	301.043	Box Culvert	(6.0mx4.0m)	16.00
4	302.730	Box Culvert	(2.0mx2.0m)	16.00
5	303.930	Box Culvert	(2.0mx2.0m)	16.00
6	304.590	Box Culvert	(2.0mx2.0m)	16.00
7	305.445	Box Culvert	(2.0mx2.0m)	16.00
8	305.780	Box Culvert	(2.0mx2.0m)	16.00
9	306.180	Box Culvert	(2.0mx2.0m)	16.00

11. Bus bays

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The details of bus bays on the Site are as follows:

S. No.	Chainage(km)	Length(m)	Left Hand side	Right Hand side
1	302.250	302.350		Right

12. Truck Lay byes

The details of truck bays on the Site are as follows:

S. No.	Chainage(km)	Length(m)	Left Hand side	Right Hand side
NIL				

13. Road side drains

There are existing roadside drains at following locations:

S/NO	LOCATION IN KM		TYPE	REMARKS
	FROM (km)	TO (km)		
1.	306.770	307.100	Stone Masonry with Footpath	L/S
2.	302.200	309.850	Stone Masonry with Footpath	R/S
3.	289.900	290.150	Stone Masonry with Footpath	R/S

14. Major Junctions

The details of the minor junctions are as follows:

S. No.	Chainage	Category of Road	Location
1	314.950	NH	At Grade
2	303.050(Amoni -Salna Road)	Others	At Grade

15. Minor Intersections along project

There are 37 minor junctions in the project stretches:

S. No.	Location of Intersection	Type of Intersection	Other Features
1	297.900	T	DRDA Road
2	298.000	T	DRDA Road
3	298.800	T	FC Ins.Road
4	298.950	T	DRDA Road
5	299.100	T	DRDA Road
6	299.200	X	PWD
7	299.950	T	PWD
8	300.200	T	DRDA Road
9	300.800	T	DRDA Road
10	301.300	T	DRDA Road
11	302.550	T	PWD

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12	303.100	T	PWD
13	304.300	T	DRDA Road
14	304.500	T	Army Camp
15	304.800	T	DRDA Road
16	305.120	T	DRDA Road
17	305.300	T	Army Camp
18	305.700	T	DRDA Road
19	306.500	T	PWD
20	306.800	T	DRDA Road
21	307.130	T	DRDA Road
22	307.200	T	PWD
23	307.800	T	DRDA Road
24	308.800	T	PWD
25	309.000	T	PWD
26	309.500	T	DRDA Road
27	309.750	T	DRDA Road
28	309.900	T	DRDA Road
29	310.200	T	DRDA Road
30	310.430	T	DRDA Road
31	311.230	T	DRDA Road
32	311.600	X	DRDA Road
33	313.900	T	PWD
34	314.100	T	PWD
35	314.350	T	PWD
36	314.600	T	PWD
37	314.770	T	PWD

16. By-pass The details of Bypasses are as follows:

S. No.	Name of Bypass (town)	Chainage (km) from..... to	Length in km	Carriageway	
				Width (m)	Type
NIL					

17. Other structures: NIL

Four Laning of NH-37 from Rangagara to KaliaborTiniali (Ch: 297.000 km to Ch: 315.315 km of NH-37) in Nagaon District in the State of Assam under SARDP-NE, Phase A, on EPC basis

Annex II
(Schedule-A)
Dates for providing Right of Way

The dates on which the Authority shall provide Right of Way to the Contractor on different parts of the Site are stated below:

S. No	From km to km	Length (km)	Width (m)	Date of providing ROW
(i) Right of Way (Full width)	297.000 to km 315.315	18.315	45 m for 4 lane without service road 60 m for 4 lane with service road and grade separators	At appointed date

Annex – III
(Schedule-A)
Alignment Plans

The existing alignment of the Project Highway shall be modified in the sections as per the alignment plan indicated in the enclosed Alignment Plans.

Annex – IV
(Schedule-A)
Environment Clearances

No environmental clearance is required.