

Schedule A

(See Clause 2.1 and 8.1)

SITE OF THE PROJECT

1 The Site

- 1.1 Site of the 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 modified.
- 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 Project Highway comprises the section of Wokha-Merapani Road from (48/000) to Merapani (60/585) in the State of Nagaland and 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	Chainage (km)		Existing ROW (m)	Land use
	From	To		
1	52900	54750	13	Built-up Area
2	58550	58650	15	
3	60150	60585	12	
4	58000	58550	15	
5	58650	60150	14	
6	48000	52900	20	Hill Area
7	54750	58000	13	

3. Carriageway

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

Design Chainage (km)		Carriageway Width (m)	Earthen Shoulders	
From	To		Left	Right
48/000	60/585	5	1	1

4. Major Bridge

The Site includes the following Major Bridges:

Sl No	Design Chainage (km)	Type of Structure			No of Spans with span Length	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):

Sl No	Chainage (km)	Type of Structure		No of Span with span length (m)	Total Width (m)	ROB/RUB
		Foundation	Super Structure			
NIL						

6. Grade separators

The Site includes the following grade separators:

Sl No	Chainage (km)	Type of Structure		No of Span with span length (m)	Total Width (m)	ROB/RUB
		Foundation	Super Structure			
Nil						

7. Minor Bridges

The Site includes the following Minor Bridges:

Sl No	Design Chainage (km)	Type of Structure			No of Spans with span Length	Width (m)
		Foundation	Sub-Structure	Super-Structure		
1	60/500	Open foundation	RCC	PSC Bridge	1 x 19.3	4.0

8. Railway Level Crossings

The Site includes the following railway level crossings:

Sl No	Existing Chainage (km)	No of Tacks	Remarks
Nil			

9. Underpasses (vehicular, non-vehicular)

The Site includes the following underpasses:

Sl No	Design Chainage (km)	Type of Structures	No of Span with Span Length (m)	Width (m)
Nil				

10. Culvert

The Site has the following culverts:

10.1 List of Pipe Culverts

Sl No	Existing Chainage (Km)	Design Chainage	Existing Type of Structures	Existing Span Arrangement (m)	Existing Width (m)
1	-----	49.070	HP	1 X 0.6	7.5
2	-----	49.160	HP	1 X 0.6	7.5
3	-----	49.200	HP	1 X 0.9	7.5
4	-----	49.280	HP	1 X 0.6	7.5
5	-----	49.610	HP	1 X 0.9	10
6	-----	49.630	HP	1 X 0.9	7.5
7	-----	49.980	HP	1 X 0.9	7.5
8	-----	50.000	HP	1 X 0.6	7.5
9	-----	50.060	HP	1 X 0.6	7.5
10	-----	50.120	HP	1 X 0.6	7.5
11	-----	50.490	HP	1 X 1.0	10
12	-----	50.590	HP	1 X 1.0	10
13	-----	50.990	HP	1 X 1.0	7.5
14	-----	51.170	HP	1 X 0.6	7.5
15	-----	52.105	HP	1 X 0.6	7.5
16	-----	52.240	HP	1 X 1.0	7.5
17	-----	52.560	HP	1 X 1.0	7.5
18	-----	52.640	HP	1 X 1.0	12.5
19	-----	52.890	HP	1 X 1.0	7.5
20	-----	53.050	HP	1 X 1.0	7.5
21	-----	53.240	HP	1 X 1.0	7.5
22	-----	54.150	HP	1 X 0.9	7.5
23	-----	54.610	HP	1 X 0.9	7.5

24	-----	54.660	HP	1 X 0.9	7.5
25	-----	54.780	HP	1 X 0.9	7.5
26	-----	54.910	HP	1 X 0.9	7.5
27	-----	55.520	HP	1 X 0.9	7.5
28	-----	55.750	HP	1 X 0.6	7.5
29	-----	56.040	HP	1 X 0.9	7.5
30	-----	56.260	HP	1 X 0.9	7.5
31	-----	56.360	HP	1 X 0.9	7.5
32	-----	56.460	HP	1 X 0.9	7.5
33	-----	57.120	HP	1 X 0.9	7.5
34	-----	57.320	HP	1 X 0.9	7.5
35	-----	57.530	HP	1 X 1.0	12.5
36	-----	57.830	HP	1 X 0.9	7.5
37	-----	57.880	HP	1 X 1.0	7.5
38	-----	58.220	HP	1 X 0.9	7.5
39	-----	58.390	HP	1 X 0.9	7.5
40	-----	58.800	HP	1 X 0.9	7.5
41	-----	58.980	HP	1 X 0.6	7.5
42	-----	59.060	HP	1 X 0.6	7.5
43	-----	59.425	HP	1 X 0.6	7.5

10.2 List of Slab/Box/Arch Culverts

Sl No	Existing Chainage (km)	Design Chainage (km)	Existing Type of Structures	Existing Span Arrangement (m)	Existing Width (m)
1	-----	51.333	SLAB	1X 4.9	5.8

10.3 List of causeways:

Sl No	Existing Chainage (km)	Design Chainage	Existing Type of Structures	Existing Span Arrangement (m)	Existing Width (m)
Nil					

11. Bus bays

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

Sl No	Design Chainage km)	Length (m)	Left Hand Side	Right Hand Side
Nil				

12. Truck Lay byes

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

Sl No	Design Chainage (km)	Length (m)	Left Hand Side	Right Hand Side
Nil				

13. Road Side Drains

The road stretch drain detail is provided in the table below.

Sl No	Design Chainage (km)	Length (m)	Left Hand Side	Right Hand Side
Nil				

14. Major Junctions

The details of the minor junctions are as follows:

SI No	Design Chainage (km)	Category of Road	Type of Junction	Remarks
Nil				

15. Minor Intersections along project

There are minor junctions in the project stretches:

SI No	Design Chainage (km)	Side (Left/Right)	Carriageway Width in m	
			Left	Right
1	53/844	Left	3.88	
2	54/335	Left	3.68	
3	54/423	Right		3.27
4	55/550	Right		3.31
5	58/100	Left	3.3	
6	58/500	Right		2.16
7	60/400	Left	6.15	

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

SI No	Name of Bypass (Town)	Design Chainage (Km) From..... To	Length in km	Carriageway	
				Width (m)	Type
Nil					

17. Other structures

The road has existing structures at the following locations.

SI No	Design Chainage (km)	Type of Structure	Side	Details	
				Width (m)	Height (m)
1	50/065-50/082	Guard Wall	Right	0.6	17.02
2	50/103-50/121	Guard Wall	Right	0.6	17.6
3	50/480-50/484	Guard Wall	Right	0.6	3.5
4	50/503-50/507	Guard Wall	Right	0.6	3.9
5	50/480-50/484	Guard Wall		0.6	3.59
6	51/362-51/382	Guard Wall	Left	0.6	20.61
7	51/300-51/331	Guard Wall	Left	0.6	31.35
8	51/316-50/337	Guard Wall		0.6	20.61
9	51/300-51/341	Guard Wall	Left	0.6	41.69
10	51/450-51/467	Guard Wall	Right	0.6	16.3
11	51/362-51/400	Guard Wall	Left	0.6	38.5
12	53/502-53/539	Guard Wall	Right	0.6	37.54
13	53/530-53/540	Guard Wall	Left	0.6	19.8
14	53/700-53/731	Guard Wall	Left	0.6	31.38
15	54/007-54/087	Guard Wall	Left	0.6	79.8
16	54/115-54/126	Guard Wall	Right	0.6	11.8
17	54/158-54/170	Guard Wall	Right	0.6	12.4
18	54/252-54/276	Guard Wall	Right	0.6	26
19	54/460-54/479	Guard Wall	Right	0.6	18.8
20	54/559-54/569	Guard Wall	Right	0.6	10.23
21	54/668-54/698	Guard Wall	Right	0.6	29.3
22	54/831-54/847	Guard Wall	Left	0.6	16.76
23	55/519-55/527	Guard Wall	Left	0.6	7.2
24	55/895-55/911	Guard Wall	Right	0.6	16.6

25	55/951-55/978	Guard Wall	Right	0.6	26.83
26	56/591-56/604	Guard Wall	Left	0.6	13.18
27	56/679-56/711	Guard Wall	Right	0.6	32.16
28	57/113-57/116	Guard Wall	Right	0.6	3

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	Design chainage (From km to km)	Length (km)	Width (m)	Date of providing ROW
Right of Way (Full width)	48/000 to 55/050	7.05	12 m	At appointed date
	55/130 to 55/500	0.37	12 m	At appointed date
	55/570 to 55/740	0.17	12 m	At appointed date
	55/820 to 57/100	1.28	12 m	At appointed date
	57/500 to 60/585	3.085	12 m	At appointed date
	55/050 to 55/130	0.080	22 m	After 90 days
	55/500 to 55/570	0.070	22 m	After 90 days
	55/740 to 55/820	0.080	22 m	After 90 days
	57/100 to 57/500	0.400	32 m	After 90 days

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

Environmental clearance is not required.