

## **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 Wokha Junction (0/000) to (26/000) in the State of Nagaland. The land, carriageway and structures comprising the site are described below.

**2. Land**

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

SI No	Chainage (Km)		Existing ROW (m)	Land use
	From	To		
1	0	150	22	Built-up Area
2	12000	14100	17	
3	22400	23600	20	
4	150	12000	10-15	Open Area
5	14100	22400	22	
6	23600	26000	23	Hill Area

**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
0/000	26/000	5	1	1

**4. Major Bridge**

The Site includes the following Major Bridges:

SI No	Design Chainage (km)	Type of Structure			No of Spans with span Length	Width (m)
		Foundation	Sub-Structure	Super-Structure		
1	23/300	Open foundation	RCC	Steel Girder	65.12	3.84

**5. Road Over-Bridges (ROB)/ Road under-bridges (RUB)**

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

SI 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:

SI 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:

SI No	Design Chainage (km)	Type of Structure			No of Spans with span Length	Width (m)
		Foundation	Sub-Structure	Super-Structure		
Nil						

## 8. Railway Level Crossings

The Site includes the following railway level crossings:

SI No	Existing Chainage (Km)	No of Tacks	Remarks
Nil			

## 9. Underpasses (vehicular, non-vehicular)

The Site includes the following underpasses:

SI 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

SI No	Existing Chainage (Km)	Design Chainage	Existing Type of Structures	Existing Span Arrangement (m)	Existing Width (m)
1	-----	0.280	HP	1 X1.0	7.5
2	-----	0.590	HP	1 X 0.9	10
3	-----	0.850	HP	1 X0.6	7.5
4	-----	1.085	HP	1 X0.9	7.5
5	-----	1.220	HP	1 X1.0	7.5
6	-----	1.330	HP	1 X 1	10
7	-----	1.470	HP	1 X1	12.5
8	-----	1.520	HP	1 X 0.9	10
9	-----	1.770	HP	1 X 1	7.5
10	-----	1.990	HP	1 X 0.9	10
11	-----	2.150	HP	1 X0.9	7.5
12	-----	2.310	HP	1 X 0.9	7.5
13	-----	2.770	HP	1 X 0.9	7.5

14	-----	2.945	HP	1X 0.6	7.5
15	-----	3.310	HP	1 X 0.9	7.5
16	-----	3.900	HP	1 X 0.9	7.5
17	-----	4.200	HP	1 X 0.9	12.5
18	-----	4.550	HP	1 X 0.9	7.5
19	-----	5.100	HP	1 X 1	7.5
20	-----	5.400	HP	1 X 0.9	12.5
21	-----	5.450	HP	1 X 0.9	12.5
22	-----	5.680	HP	1 X 0.9	10
23	-----	5.720	HP	1 X 0.9	10
24	-----	5.840	HP	1 X 0.9	7.5
25	-----	5.920	HP	1 X 0.9	7.5
26	-----	5.965	HP	1 X1.0	7.5
27	-----	6.000	HP	1 X1.0	7.5
28	-----	6.760	HP	1 X 0.9	7.5
29	-----	8.570	HP	1 X 0.9	7.5
30	-----	10.050	HP	1 X 0.9	7.5
31	-----	<b>10.560</b>	HP	1 X 0.9	<b>7.5</b>
32	-----	<b>10.620</b>	HP	1 X 0.9	<b>7.5</b>
33	-----	10.900	HP	1 X 0.6	12.5
34	-----	10.990	HP	1 X 0.9	10
35	-----	11.180	HP	1 X 0.9	7.5
36	-----	11.230	HP	1 X 0.9	7.5
37	-----	11.320	HP	1 X 0.9	10
38	-----	11.510	HP	1 X 0.9	7.5
39	-----	11.650	HP	1 X 0.9	12.5
40	-----	11.820	HP	1 X 0.9	7.5
41	-----	12.050	HP	1 X 0.9	10
42	-----	13.210	HP	1 X 0.9	7.5
43	-----	13.460	HP	1 X 0.9	7.5
44	-----	13.630	HP	1 X 0.9	7.5
45	-----	<b>13.900</b>	HP	1 X 1.0	<b>10</b>
46	-----	14.020	HP	1 X 0.9	7.5
47	-----	14.180	HP	1 X 0.9	7.5
48	-----	14.400	HP	1 X 1	7.5
49	-----	14.470	HP	1 X 0.9	7.5
50	-----	14.640	HP	1 X 0.9	7.5
51	-----	14.840	HP	1 X 0.9	7.5
52	-----	15.880	HP	1 X 0.9	7.5
53	-----	16.060	HP	1 X 0.6	7.5
54	-----	16.120	HP	1 X 0.6	7.5
55	-----	16.395	HP	1 X 0.9	7.5
56	-----	17.400	HP	1 X 0.9	7.5
57	-----	17.480	HP	1 X 0.9	7.5
58	-----	17.500	HP	1 X 0.9	7.5
59	-----	18.290	HP	1 X 0.9	7.5
60	-----	19.290	HP	1 X 0.9	7.5
61	-----	19.390	HP	1 X 0.9	7.5
62	-----	19.500	HP	1 X 0.9	7.5
63	-----	19.650	HP	1 X 0.9	7.5

64	-----	20.510	HP	1 X 0.9	7.5
65	-----	20.580	HP	1 X 0.9	7.5
66	-----	20.665	HP	1 X 0.9	7.5
67	-----	20.860	HP	1 X 0.9	7.5
68	-----	21.090	HP	1 X 0.9	7.5
69	-----	21.105	HP	1 X 0.9	7.5
70	-----	21.150	HP	1 X 0.9	7.5
71	-----	21.240	HP	1 X 0.9	7.5
72	-----	21.480	HP	1 X 1.0	7.5
73	-----	21.600	HP	1 X 0.9	7.5
74	-----	21.750	HP	1 X 0.9	7.5
75	-----	21.800	HP	1 X 0.9	10
76	-----	<b>21.940</b>	HP	1 X 0.9	7.5
77	-----	22.110	HP	1 X 0.9	7.5
78	-----	22.180	HP	1 X 0.9	7.5
79	-----	22.270	HP	1 X 0.9	7.5
80	-----	22.320	HP	1 X 0.9	7.5
81	-----	22.400	HP	1 X 0.9	7.5
82	-----	22.485	HP	1 X 0.9	7.5
83	-----	22.550	HP	1 X 0.6	7.5
84	-----	22.600	HP	1 X 0.6	7.5
85	-----	<b>22.710</b>	HP	1 X 0.6	7.5
86	-----	22.780	HP	1 X 0.6	7.5
87	-----	22.820	HP	1 X 0.6	7.5
88	-----	22.920	HP	1 X 0.6	7.5
89	-----	23.680	HP	1 X 0.6	7.5
90	-----	<b>23.800</b>	HP	1 X 0.6	7.5
91	-----	<b>23.990</b>	HP	1 X 0.6	7.5
92	-----	24.100	HP	1 X 0.9	7.5
93	-----	<b>24.150</b>	<b>HP</b>	<b>1 X 0.6</b>	7.5
94	-----	24.240	HP	1 X 0.6	7.5
95	-----	<b>24.350</b>	<b>HP</b>	<b>1 X 0.9</b>	7.5
96	-----	<b>24.500</b>	HP	1 X 0.9	7.5
97	-----	<b>24.790</b>	<b>HP</b>	<b>1 X 0.9</b>	<b>7.5</b>
98	-----	24.880	HP	1 X 0.9	7.5
99	-----	<b>25.010</b>	<b>HP</b>	<b>1 X 0.9</b>	<b>7.5</b>
100	-----	25.050	HP	1 X 0.9	7.5
101	-----	<b>25.210</b>	<b>HP</b>	<b>1 X 0.9</b>	<b>7.5</b>
102	-----	25.380	HP	1 X 0.9	7.5
103	-----	<b>25.560</b>	<b>HP</b>	<b>1 X 0.9</b>	<b>7.5</b>
104	-----	25.625	HP	1 X 0.9	7.5
105	-----	<b>25.650</b>	<b>HP</b>	<b>1 X 0.9</b>	<b>7.5</b>

## 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	-----	10.380	SLAB	1 X 1.48	7.2
2	-----	10.830	SLAB	1 X 2.5	7.2
3	-----	15.540	SLAB	1 X 4.5	9.5

4	-----	16.015	SLAB	1 X 3.5	6.6
5	-----	23.190	SLAB	1 X 1	10
6	-----	23.400	SLAB	1 X 2.5	10.4
7	-----	24.750	SLAB	1 X 2.0	6.3
8	-----	25.925	SLAB	1 X 1.6	7

**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 bays**

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:

Sl No	Design Chainage (Km)	Category of Road	Type of Junction	Remarks
1	0/000 (Road-1)	NH	Y Junction	Wokha Junction

**15. Minor Intersections along project**

There are minor junctions in the project stretches:

Sl No	Design Chainage (Km)	Side (Left/Right)	Carriageway Width in m	
			Left	Right
1	0/129	Right		3.3
2	11/912	Right		3.8
3	12/930	Right		2.7

4	23/253	Right		3.1
5	23/470	Right		4.16

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

Sl 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.

Sl No	Design Chainage (Km)	Type of Structure	Side	Details	
				Width (m)	Length (m)
1	0/200-0/245	Guard Wall	Left	0.6	45.8
2	0/193-0/202	Guard Wall	Left	0.6	9
3	0/247-0/277	Guard Wall	Right	0.6	30.7
4	0/310-0/391	Guard Wall	Left	0.6	81
5	0/517-0/529	Guard Wall	Right	0.6	12.2
6	1/082-1/103	Guard Wall	Right	0.6	20.7
7	1/217-1/224	Guard Wall	Right	0.6	7
8	1/497-1/512	Guard Wall	Right	0.6	15.6
9	1/522-1/542	Guard Wall	Right	0.6	20.5
10	1/591-1/604	Guard Wall	Right	0.6	13
11	1/763-1/771	Guard Wall	Right	0.6	8
12	1/974-2/000	Guard Wall	Right	0.6	19.3
13	2/040-2/050	Guard Wall	Right	0.6	10.7
14	2/108-2/145	Guard Wall	Right	0.6	37.6
15	2/259-2/270	Guard Wall	Right	0.6	11.7
16	3/600-3/602	Guard Wall	Left	0.6	2.3
17	3/609-3/613	Guard Wall	Right	0.6	4.5
18	3/895-3/903	Guard Wall	Right	0.6	8.3
19	4/205-4/215	Guard Wall	Right	0.6	10
20	4/316-4/361	Guard Wall	Both	0.6	45.4
21	4/543-4/558	Guard Wall	Right	0.6	15
22	5/672-5/684	Guard Wall	Right	0.6	12.2
23	6/000-6/010	Guard Wall	Right	0.6	10
24	6/812-6/826	Guard Wall	Right	0.6	14.3
25	8/841-8/864	Guard Wall	Right	0.6	23.6
26	8/923-8/948	Guard Wall	Right	0.6	25.5
27	10/218-10/223	Guard Wall	Right	0.6	8.5
28	10/555-10/574	Guard Wall	Right	0.6	19.3
29	10/621-10/643	Guard Wall	Right	0.6	22.6
30	10/823-10/828	Guard Wall	Right	0.6	5.3
31	10/918-10/922	Guard Wall	Right	0.6	4.8
32	11/000-11/004	Guard Wall	Right	0.6	4.8
33	11/189-11/197	Guard Wall	Right	0.6	8.5
34	11/234-11/247	Guard Wall	Right	0.6	13

35	11/320-11/338	Guard Wall	Right	0.6	18.5
36	11/408-11/430	Guard Wall	Right	0.6	22.5
37	11/883-11/900	Guard Wall	Right	0.6	17.5
38	12/029-12/037	Guard Wall	Right	0.6	8
39	12/128-12/137	Guard Wall	Left	0.6	9
40	12/563-12/608	Guard Wall	Right	0.6	45.5
41	12/652-12/662	Guard Wall	Left	0.6	10
42	12/925-12/981	Guard Wall	Right	0.6	56.5
43	13/200-13/209	Guard Wall	Right	0.6	9
44	13/546-13/600	Guard Wall	Left	0.6	54
45	14/842-14/847	Guard Wall	Left	0.6	5.3
46	17/457-17/481	Guard Wall	Right	0.6	24.4
47	17/700-17/714	Guard Wall	Right	0.6	14.5
48	18/400-18/417	Guard Wall	Right	0.6	17.3
49	18/447-18/461	Guard Wall	Both	0.6	13.5
50	20/069-20/080	Guard Wall	Left	0.6	11.8
51	20/248-20/361	Guard Wall	Left	0.6	112
52	20/470-20/495	Guard Wall	Left	0.6	25.7
53	21/386-21/399	Guard Wall	Left	0.6	12.86
54	21/492-21/501	Guard Wall	Left	0.6	9
55	21/452-21/458	Guard Wall	Left	0.6	5
56	21/857-21/867	Guard Wall	Left	0.6	10.7
57	21/811-21/813	Guard Wall	Left	0.6	2.45
58	21/927-21/957	Guard Wall	Left	0.6	30.88
59	21/996-22/002	Guard Wall	Left	0.6	6.98
60	22/079-22/086	Guard Wall	Left	0.6	7.29
61	22/412-22/431	Guard Wall	Left	0.6	19.7
62	23/470-23/489	Guard Wall	Left	0.6	19
63	23/973-23/980	Guard Wall	Left	0.6	6.6
64	23/997-23/999	Guard Wall	Left	0.6	2.8
65	24/153-24/156	Guard Wall	Left	0.6	2.34
66	24/157-24/160	Guard Wall	Left	0.6	2.9
67	24/225-24/229	Guard Wall	Left	0.6	3.8
68	24/236-24/238	Guard Wall	Left	0.6	2
69	24/345-24/350	Guard Wall	Left	0.6	4.7
70	24/355-24/360	Guard Wall	Left	0.6	4.8
71	24/484-24/488	Guard Wall	Left	0.6	4.8
72	24/505-24/508	Guard Wall	Left	0.6	3
73	24/680-24/694	Guard Wall	Left	0.6	13.7
74	24/632-24-634	Guard Wall	Left	0.6	1.8
75	24/637-24/640	Guard Wall	Left	0.6	3
76	24/647-24/651	Guard Wall	Left	0.6	4.1
77	24/873-24/877	Guard Wall	Left	0.6	4.3
78	24/899-24/902	Guard Wall	Left	0.6	3.4
79	25/007-25/012	Guard Wall	Left	0.6	4.7
80	25/016-25/024	Guard Wall	Left	0.6	8
81	25/048-25/054	Guard Wall	Left	0.6	5.7
82	25/058-25/063	Guard Wall	Left	0.6	4.8
83	25/194-25/198	Guard Wall	Left	0.6	3.6
84	25/216-25/226	Guard Wall	Left	0.6	9.7



85	<b>25/379-25/383</b>	<b>Guard Wall</b>	<b>Left</b>	0.6	<b>3.4</b>
86	<b>25/488-25/193</b>	<b>Guard Wall</b>	<b>Left</b>	0.6	5.6
87	<b>25/636-25/639</b>	<b>Guard Wall</b>	<b>Left</b>	0.6	<b>2.5</b>
88	<b>25/646-25/649</b>	<b>Guard Wall</b>	<b>Left</b>	0.6	2.6
89	<b>25/936-25/938</b>	<b>Guard Wall</b>	<b>Left</b>	0.6	<b>2</b>
90	<b>25/977-25/986</b>	<b>Guard Wall</b>	<b>Left</b>	0.6	8.7

**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)	0/00 to 7/710	7.710	12 m	At appointed date
	7/770 to 9/840	2.170	12 m	At appointed date
	9/910 to 17/980	8.07	12 m	At appointed date
	18/100 to 24/660	5.9	12 m	At appointed date
	24/730 to 26/000	1.27	12 m	At appointed date
	7/710 to 7/770	0.060	27 m	After 90 days
	9/840 to 9/910	0.070	22 m	After 90 days
	17/980 to 18/100	0.120	32 m	After 90 days
	24/660 to 24/730	0.070	22 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 clearances not required.