

**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 Doimukh Harmuti road from Harmuti junction (0/00) to Khula Camp (14/370 km) and Doimukh (0/00 km) to Bag Tinali (3/100) in the State of Assam and Arunachal Pradesh. The existing road length of 5.5 km is in Assam and the remaining length in Arunachal Pradesh. The road from Harmuti to Khula Camp of length 14/370 km is named as Road 1 and the other road from Doimukh (0/00 km) to Bag Tinali (3/100 km) has been named as Road 2. The land, carriageway and structures comprising the site are described below.

**2. Land**

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

S No	Design Chainage ( m )		Existing ROW	Land use
	From	To		
1	0/00	1/000 (Road – 1)	16 m	Built-up Area
2	1/400	1/950 (Road – 1)	16 m	
3	3/500	3/650 (Road – 1)	22 m	
4	5/300	5/800 (Road – 1)	19 m	
5	5/900	6/050 (Road – 1)	19 m	
6	6/150	6/560 (Road – 1)	18 m	
7	9/000	10/000 (Road – 1)	25 m	
8	10/000	11/350 (Road – 1)	16 m	
9	11/485	11/570 (Road – 1)	30 m	
10	11/810	12/800 (Road – 1)	12 m	
11	13/550	14/000 (Road – 1)	15 m	
12	14/110	14/370 (Road – 1)	13 m	
13	0/000	2/800 (Road - 2)	20 m	
14	11/350	11/485 (Road – 1)	12 m	
15	11/570	11/810 (Road – 1)	12 m	
16	2/800	3/100 (Road – 2)	20 m	Open Area
17	1/000	1/400 (Road – 1)	16 m	
18	1/950	3/500 (Road – 1)	22 m	
19	3/650	4/000 (Road – 1)	22 m	
20	6/560	6/800 (Road – 1)	20 m	
21	7/500	7/600 (Road – 1)	22 m	
22	7/800	9/000 (Road – 1)	21 m	Hill Area
23	4/000	5/300 (Road – 1)	19 m	
24	5/800	5/900 (Road – 1)	19 m	
25	6/050	6/150 (Road – 1)	18 m	
26	6/800	7/000 (Road – 1)	22 m	
27	7/600	7/800 (Road – 1)	22 m	
28	12/800	12/930 (Road – 1)	15 m	
29	7/000	7/500 (Road – 1)	15 m	
30	12/930	13/550 (Road – 1)	12 m	

Rehabilitation and up-gradation of Doimukh-Harmuti road from Harmuti Junction (0/00 km) to Khula camp (14/370 km) and Doimukh (0/000 km) to Bagh Tinali (3/100 km) two lane carriageway in the state of Assam and Arunachal Pradesh

The Project shall be carried out within ROW. No land shall be acquired for the project. This may necessitate dismantling of certain sheds or huts for taking up the widening of the road.

### 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.

From	To			
			Left	Right
0/000 (Road -1)	14/370 (Road -1)	4.5	1	1
0/00 (Road – 2)	2/800 (Road -2)	4.5	1	1
2/800 (Road-2)	3/100 (Road-2)	6.5	1	1

### 4. Major Bridge

The Site includes the following Major Bridges:

		Foundation	Sub-Structure	Super-Structure		
1	14/200 (Road -1)	Well foundation	RCC	PSC T Beam	1 X 35+1X22+1X35+1X22	7.5
2	1/200 (Road-2)	Well foundation	RCC	PSC T Beam	5 x 50	10.8

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

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

		Foundation	Super Structure			
1	1/160 (Road -1)	Box Structure		2 x 4	9.16	RUB
2	0/250 (Road-2)	Box Structure		2 x 4	12.17	RUB

### 6. Grade separators

The Site includes the following grade separators:

Rehabilitation and up-gradation of Doimukh-Harmuti road from Harmuti Junction (0/00 km) to Khula camp (14/370 km) and Doimukh (0/000 km) to Bagh Tinali (3/100 km) two lane carriageway in the state of Assam and Arunachal Pradesh

		<b>Foundation</b>	<b>Super Structure</b>		
<b>Nil</b>					

## 7. Minor Bridges

The Site includes the following Minor Bridges:

		<b>Foundation</b>	<b>Abutment</b>	<b>Super- Structure</b>	
<b>Nil</b>					

## 8. Railway level crossings

The Site includes the following railway level crossings:

<b>Nil</b>			

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

The Site includes the following underpasses:

<b>Nil</b>				

## 10. Culvert

The Site has the following culverts:

### 10.1 List of Pipe Culverts

<b>1</b>	-----	0+930 (Road -1)	H.P	1 X 1.0m	10
<b>2</b>	-----	1+000 (Road -1)	H.P	1 X 1.0m	10
<b>3</b>	-----	1+500 (Road -1)	H.P	1 X 0.6	12.5
<b>4</b>	-----	1+530 (Road -1)	H.P	1 X 0.6	10
<b>5</b>	-----	3+630 (Road -1)	H.P	2 X 1.0m	10
<b>6</b>	-----	3+750 (Road -1)	H.P	1 X 1.0m	10
<b>7</b>	-----	4+500 (Road -1)	H.P	1 X 0.6m	10
<b>8</b>	-----	5+600 (Road -1)	H.P	1 X 1.0m	7.5
<b>9</b>	-----	5+700 (Road -1)	H.P	1 X 1.0m	7.5
<b>10</b>	-----	5+750 (Road -1)	H.P	1 X 1.0m	7.5
<b>11</b>	-----	10+350 (Road -1)	H.P	1 X 1.0m	10

Rehabilitation and up-gradation of Doimukh-Harmuti road from Harmuti Junction (0/00 km) to Khula camp (14/370 km) and Doimukh (0/000 km) to Bagh Tinali (3/100 km) two lane carriageway in the state of Assam and Arunachal Pradesh

12	-----	10+500 (Road -1)	H.P	2 X 1.0m	10
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## 10.2 List of Slab/Box/Arch Culverts

1	-----	0+600 (Road -1)	SLAB	1 X 3.0m	7
2	-----	1+030 (Road -1)	SLAB	1 X 1.0m	7.3
3	-----	1+300 (Road -1)	BOX	1 X 1.8m	8.3
4	-----	2+740 (Road -1)	SLAB	1 X 4.3m	7
5	-----	2+760 (Road -1)	SLAB	1 X 1.5	6
6	-----	3+180 (Road -1)	BOX	1 X 1.8m	8.4
7	-----	3+500 (Road -1)	BOX	2 X 3.0m	6.8
8	-----	3+900 (Road -1)	SLAB	1 X 1.0m	6.5
9	-----	4+140 (Road -1)	BOX	1 X 2.3m	7
10	-----	4+390 (Road -1)	BOX	1 X 2.3m	8.4
11	-----	5+000 (Road -1)	SLAB	1 X 1.0m	9.8
12	-----	5+900 (Road -1)	SLAB	1 X 2.0m	9.9
13	-----	6+200 (Road -1)	SLAB	1 X 2.0m	7.5
14	-----	6+700 (Road -1)	SLAB	1 X 2.0m	10
15	-----	6+750 (Road -1)	SLAB	1 X 2.0m	10
16	-----	8+150 (Road -1)	SLAB	1 x 2.0m	
17	-----	9+020 (Road -1)	SLAB	1 X 2.0m	10
18	-----	9+240 (Road -1)	SLAB	1 X 5.0m	7.5
19	-----	9+600 (Road -1)	SLAB	1 X 1.5m	7.5
20	-----	9+900 (Road -1)	SLAB	1 X 1.5m	8.8
21	-----	10+100 (Road -1)	SCEW SLAB	1 X 2.0m	9.7
22	-----	11+100 (Road -1)	SLAB	1X2.5m	8.6
23	-----	12+000 (Road -1)	SLAB	1 X 2.3m	7
24	-----	12+180 (Road -1)	SLAB	1 X 2.6m	6.5
25	-----	12+210 (Road -1)	SLAB	1 X 2.4m	7.5
26	-----	12+600 (Road -1)	SLAB	1 X 4.8m	6.7
27	-----	12+870 (Road -1)	SLAB	1 X 1.0m	9.2
28	-----	13+080 (Road -1)	SLAB	1 X 1.5m	6.3
29	-----	0+230 (Road -2)	BOX	1 X 1.9m	17.3
30	-----	1+550 (Road -2)	SLAB	1 X2.4m	13.6
31	-----	1+920 (Road -2)	SLAB	1 X 2.0m	14
32	-----	2+530 (Road -2)	SLAB	1 X 2.0m	10.85
33	-----	2+600 (Road -2)	SLAB	1 X 2.0m	10.7
34	-----	2+720 (Road -2)	SCEW SLAB	1 X 2.5m	11.7
35	-----	2+920 (Road -2)	SLAB	1 X 3.6m	10.8

## 10.3 List of causeways:

1	-----	5+300 (Road – 1)	Vented causeway	1 x 28 m	6 m

Rehabilitation and up-gradation of Doimukh-Harmuti road from Harmuti Junction (0/00 km) to Khula camp (14/370 km) and Doimukh (0/000 km) to Bagh Tinali (3/100 km) two lane carriageway in the state of Assam and Arunachal Pradesh

<b>2</b>	-----	7+000 (Road -1)	Vented causeway	1 x 16 m	11 m
<b>3</b>	-----	7+400 (Road -1)	Vented causeway	1 x 25 m	5 m

### 11. Bus bays

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

Nil				

### 12. Truck Lay bays

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

S. 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.

<b>1</b>	0/000-0/426 (Road-1)	426		Right
<b>2</b>	5/334-5/783 (Road-1)	449		Right
<b>3</b>	9/506-9/562 (Road-1)	56		Right
<b>4</b>	9/962-10/263 (Road-1)	307		Right
<b>5</b>	9/866-9/886 (Road-1)	20		Right
<b>6</b>	10/321-10/568 (Road-1)	274		Right
<b>7</b>	10/609-10/752 (Road-1)	143		Right
<b>8</b>	11/119-11/291 (Road-1)	172		Right
<b>9</b>	11/471-11/508 (Road-1)	37		Right
<b>10</b>	11/857-12/185 (Road-1)	328	Left	
<b>11</b>	12/034-12/368 (Road-1)	334		Right
<b>12</b>	12/960-14/015 (Road-1)	1055		Right
<b>13</b>	0/185-0/282 (Road-2)	97		Right

### 14. Major Junctions

The details of the major junctions are as follows:

<b>1</b>	0/000 (Road-1)	NH	T Junction	Harmuti Junction
<b>2</b>	11/700 (Road-1)	-	Y Junction	Doimukh Junction

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<b>3</b>	3/130 (Road-2)	NH	Y Junction	Bagh-Tinali Junction
<b>4</b>	14/370 (Road-1)	NH	Y Junction	Tana Epa Junction

### 15. Minor Intersections along project

There are minor junctions in the project stretches:

			Left	Right
<b>1</b>	0/430 (Road-1)	Right		3.92
<b>2</b>	0/530 (Road-1)	Left	5.7	
<b>3</b>	0/650 (Road-1)	Left	2.62	
<b>4</b>	0/900 (Road-1)	Left	3.94	
<b>5</b>	1/210 (Road-1)	Left	5.62	
<b>6</b>	1/250 (Road-1)	Right		7.2
<b>7</b>	1/630 (Road-1)	Left	5.51	
<b>8</b>	1/695 (Road-1)	Right		6.64
<b>9</b>	3/060 (Road-1)	Left	3.86	
<b>10</b>	3/135 (Road-1)	Right		4.13
<b>11</b>	3/320 (Road-1)	Left	3.3	
<b>12</b>	3/400 (Road-1)	Left	4.39	
<b>13</b>	3/810 (Road-1)	Left	6.45	
<b>14</b>	5/010 (Road-1)	Left	6.25	
<b>15</b>	6/149 (Road-1)	Right		5.99
<b>16</b>	6/900 (Road-1)	Right		5.79
<b>17</b>	7/500 (Road-1)	Left	7.92	
<b>18</b>	7/950 (Road-1)	Right		2.6
<b>19</b>	10/360 (Road-1)	Right		11.27
<b>20</b>	11/100 (Road-1)	Right		7.48
<b>21</b>	11/640 (Road-1)	Right		4.33
<b>22</b>	11/670 (Road-1)	Left	11.12	
<b>23</b>	11/920 (Road-1)	Left	6.34	
<b>24</b>	12/700 (Road-1)	Left	4.77	
<b>25</b>	12/810 (Road-1)	Right		2.86
<b>26</b>	12/900 (Road-1)	Right		12.03
<b>27</b>	13/110 (Road-1)	Right		3.92
<b>28</b>	13/450 (Road-1)	Left	2.88	
<b>29</b>	13/920 (Road-1)	Left	5.8	
<b>30</b>	0/090 (Road-2)	Right		3.25
<b>31</b>	0/150 (Road-2)	Left	4.16	
<b>32</b>	0/535 (Road-2)	Right		6.0
<b>33</b>	0/820 (Road-2)	Left	7.22	
<b>34</b>	1/960 (Road-2)	Left	4.22	
<b>35</b>	2/200 (Road-2)	Left	7.41	
<b>36</b>	2/450 (Road-2)	Right		7.38

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

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				<b>Width (m)</b>	<b>Type</b>
<b>Nil</b>					

### 17. Other structures

The road has guard wall on the following locations.

				<b>Width (m)</b>	<b>Height (m)</b>
<b>1</b>	0/935-1/008 (Road-1)	Guard Wall	Right	0.2	73.4
<b>2</b>	1/635 (Road-1)	Guard Wall	Right	0.2	15.3
<b>3</b>	2/350-2/772 (Road-1)	Guard Wall	Right	0.2	422
<b>4</b>	8/263-8/311 (Road-1)	Guard Wall	Both Side	0.2	48.92
<b>5</b>	8/860-8/922 (Road-1)	Guard Wall	Left	0.2	62.14
<b>6</b>	10/333-10/394 (Road-1)	Guard Wall	Left	0.2	61



**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:

<b>S. No</b>	<b>Design chainage (From km to km)</b>	<b>Length (km)</b>	<b>Width (m)</b>	<b>Date of providing ROW</b>
1	0/00-1/000 (Road-1)	1.000	16 m	At appointed date
2	1/400-1950 (Road-1)	0.550	16m	At appointed date
4	3/500-3/650 (Road-1)	0.150	22 m	At appointed date
5	5/300-5/800 (Road-1)	0.500	19 m	At appointed date
6	5/900-6/050 (Road-1)	0.150	19 m	At appointed date
7	6/150-6/560 (Road-1)	0.410	18 m	At appointed date
8	9/000-10/000 (Road-1)	1.000	25 m	At appointed date
9	10/000-11/350 (Road-1)	1.350	16 m	At appointed date
10	11/485-11/570 (Road-1)	0.085	30 m	At appointed date
11	11/810-12/800 (Road-1)	0.990	12 m	At appointed date
12	13/550-14/000 (Road-1)	0.450	15 m	At appointed date
13	14/110-14/370 (Road-1)	0.260	13 m	At appointed date
14	0/000-2/800 (Road-2)	2.800	20 m	At appointed date
15	11/350-11/485 (Road-1)	0.135	12 m	At appointed date
16	11/570-11/810 (Road-1)	0.240	12 m	At appointed date
17	2/800-3/100 (Road-2)	0.300	20 m	At appointed date
18	1/000-1/400 (Road-1)	0.400	16 m	At appointed date
19	1/950-3/500 (Road-1)	1.550	22 m	At appointed date
20	3/650-4/000 (Road-1)	0.350	22 m	At appointed date
21	6/560-6/800 (Road-1)	0.240	20 m	At appointed date
22	7/500-7/600 (Road-1)	0.100	22 m	At appointed date
23	7/800-9/000 (Road-1)	1.200	21 m	At appointed date
24	4/000-5/300 (Road-1)	1.300	19 m	At appointed date
25	5/800-5/900 (Road-1)	0.100	19 m	At appointed date
26	6/050-6/150 (Road-1)	0.100	18 m	At appointed date
27	6/800-7/000 (Road-1)	0.200	22 m	At appointed date
28	7/600-7/800 (Road-1)	0.200	22 m	At appointed date
29	12/800-12/930 (Road-1)	0.130	15 m	At appointed date
30	7/000-7/500 (Road-1)	0.500	15 m	At appointed date
31	12/930-13/550 (Road-1)	0.620	12 m	At appointed date

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**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.