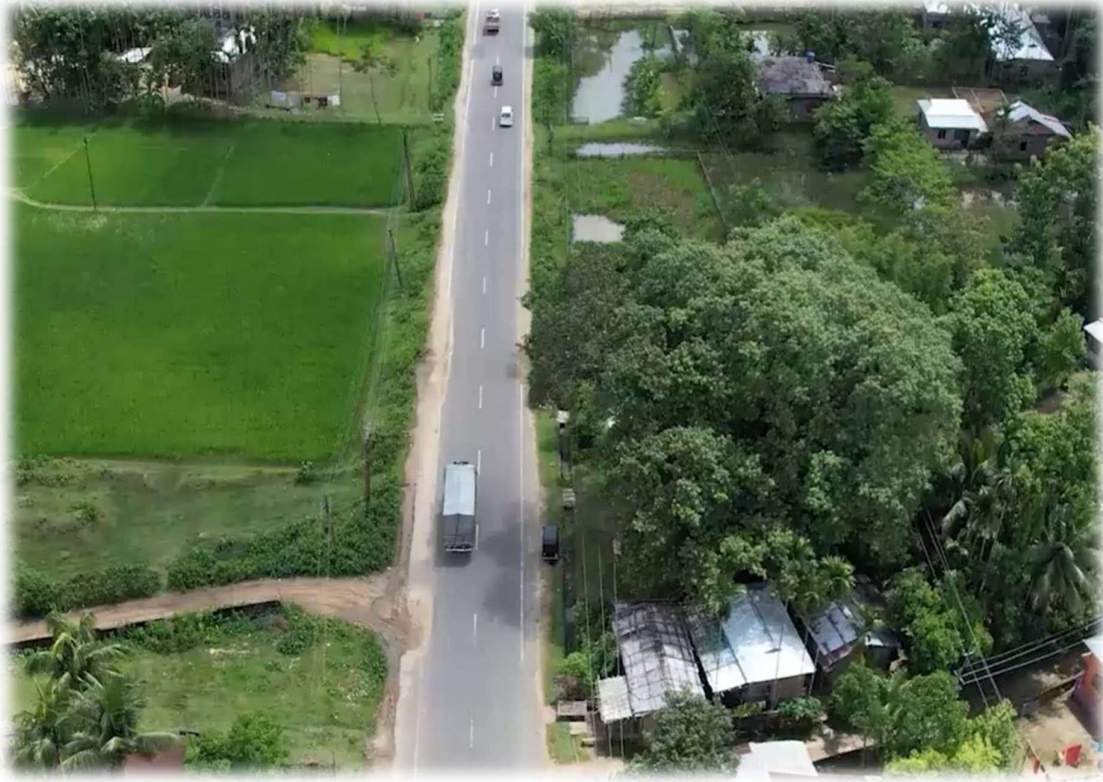


Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)

# Monthly Progress Report March-2026



<b>Authority</b>	 <p><b>NAIDCL</b> BUILDING INFRASTRUCTURE - BUILDING THE NATION</p>	<b>National Highways Infrastructure Development Corporation Limited</b>
<b>Independent Engineer</b>	 <p><b>AGNITIO</b></p>	<b>M/s Agnitio Infrastructure Projects Pvt. Ltd. in JV with M/s Ayoleeza Consultants Pvt. Ltd.</b>
<b>Concessionaire</b>	 <p><b>MKC</b> Since-1963</p>	<b>MKC Badarpur Churaibari Kamakhya Highways Pvt. Ltd.</b>

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

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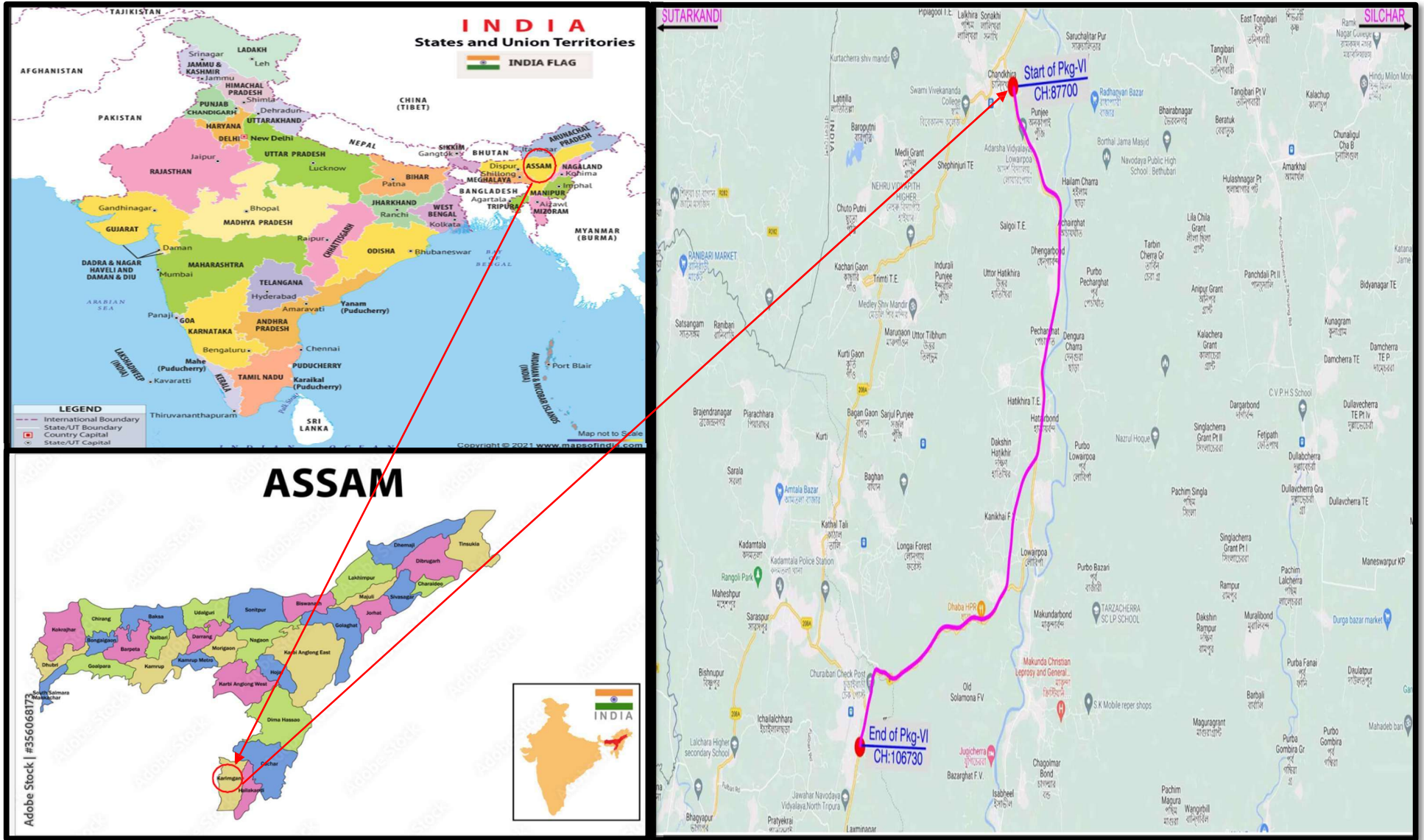
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**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

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**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**PROJECT ROAD LOCATION MAP / INDEX MAP**



**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**EXECUTIVE SUMMARY**

The Concessionaire has signed the Concession Agreement with National Highway Infrastructure Development Corporation Limited (NHIDCL) on dated May 31, 2024. This Executive Summary presents the works progress of the Project Highway during the construction period from March 7, 2025 to March 7, 2027.

**1. The Project Road:**

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)

**2. Mobilization:**

The Concessionaire has mobilized the required Engineers/ Staff Personnel, Machineries/Equipment's, Plants and established main Base Camp at CH: - 88+700 LHS (Chandkhira).

The details of Key staff personnel deployed are highlighted in the Chapter-6 of this report. The details of deployed Plants and Machineries are included in Chapter-7 of this report.

**3. Pre-Construction Activity:**

The Details of pre-construction activities have been included in Chapter-5 of this report.

**4. EPC Contractor:**

MKC Infrastructure Limited

**5. Status of Project Works Progress:**

The Details of project highway works have been included in Chapter-09 of this report.

**6. Design and Drawing**

The status of approval of Working Drawings for road works and structures submitted to Authority as on dated 31-03-2026 is given below.

Sr. No.	Description	UoM	Scope	Submitted	Approved	Balance	Remarks
1.	Plan & Profile (MCW)	Km.	18.800	18.800	18.800	0.00	
2.	Plan & Profile (SR)	Km.	10.440	10.440	10.440	0.00	
3.	RE Wall	Nos	5.00	3.00	3.00	2.00	
4.	Minor Bridge	Nos.	24.00	24.00	22.00	0.00	Revised 1 Nos D & D Submitted under letter reference MKCIL/ASSAM/PKG-6/711 dated-31.01.2026
5.	Underpass	Nos.	6.00	6.00	6.00	0.00	
6.	Box-Culvert	Nos.	38.00	38.00	38.00	0.00	Revised 4 Nos D & D Submitted under letter reference MKCIL/ASSAM/PKG-6/571 dated-18.11.2025
7.	HPC	Nos.	10.00	10.00	10.00	0.00	

The details of design and drawing status have been included in this report on Chapter 8.

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**7. Work Program:**

At the time of commencement of works, the Concessionaire submitted the Stage wise completion schedule Work Program Vide Letter No. **MKCIL/ASSAM/PKG-06/201**, dated 18.04.2025 for Authority/IE's approval. Based on the monthly works plan, the works is being carried out by the Concessionaire.

**8. Quality Control and Material:**

The works is being carried out by the Concessionaire as per Quality Assurance Plan submitted to Authority Vide Letter **MKCIL/ASSAM/PKG-06/169** on dated 01.04.2025. Each construction activity is being checked/verified as per the RFI's submitted to Authority/IE by the Concessionaire.

**9. Supervision and Monitoring of Project works:**

The Authority/IE along with the concessionaire is supervising and monitoring the execution of works as per requirements of Standard/ Specifications. The monitoring of works is being carried out through the RFI submitted by the Concessionaire and its approval/ rejection after necessary checking/ verification by the Authority/IE.

**10. Site Visit and Meeting:**

The Authority/IE Engineers are regularly visiting the Project Highway.

**11. Schedule Completion Date:**

As per Schedule-G of the Concession Agreement shall occur on the 730th day from the Appointed Date. The declared Appointed Date being March 7, 2025, the Scheduled completion Date shall occur on March 7, 2027.

**12. Operation and Maintenance (O&M):**

**O&M Obligations** – During Operation Period, the Concessionaire shall operate and maintain the project in accordance with this Agreement either by itself, or through the O&M Contractor and if required, modify repair or otherwise make improvements to the Project to comply with the provisions of this Agreement, Applicable Laws and Applicable Permits, and conform to Specifications and Standards and Good industry Practice. The obligations of the concessionaire shall be as per Article 17.

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**13. Area of Concern/ Availability of site for work:**

**Procurement of ROW-** The existing ROW and the stretches of 18.80 km. are subjected to following:

**a) Stretches/ Hindered Free Land out of 18.800 km:**

Stretches/ Encumbrances Free Land				Encumbrances/ Hindered Land		
Sr. No.	Side	Length (Km)	%	Side	Length (Km)	%
1.	BHS	16.64	88.51%	BHS	2.16	11.49%

**b) Hindered due to Tree Cutting:**

Description	Total Nos.	Impacted Length (km)	Remark
Total Trees	691	5.95	

**c) Encumbrances due to Religious structures etc.:**

Sr. No.	Types	Chainage	Side	Remarks
1.	Bhagwati Temple	89+750	LHS	
2.	Vishwakarma Temple	90+390	LHS	
3.	Jama Masjid	95+650	RHS	
4.	Temple	95+750	RHS	
5.	Bishnu Temple	100+800	LHS	
6.	Old Temple Shed & Pipal Tree	102+610	RHS	
7.	Shiv Temple Shed	104+400	LHS	
8.	Temple Building	105+800	RHS	
9.	Shiv Temple	106+390	LHS	

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**d) Details of Hindered Land:**

<b>DETAILS OF ENCUMBRANCES WITHIN ROW</b>										
<b>Sr. No</b>	<b>Chainage</b>		<b>Side</b>	<b>Total Length (KM)</b>	<b>Remark</b>	<b>Chainage</b>		<b>Side</b>	<b>Total Length (KM)</b>	<b>Remark</b>
	<b>From</b>	<b>To</b>				<b>From</b>	<b>To</b>			
1	87+700	87+750	LHS	0.050	Structure	88+000	88+040	RHS	0.040	Structure
2	88+010	88+100	LHS	0.090	Structure	90+100	90+270	RHS	0.170	Structure
3	88+960	88+980	LHS	0.020	Structure	91+300	91+340	RHS	0.040	Structure
4	89+390	89+530	LHS	0.140	Structure	91+700	91+800	RHS	0.100	Structure
5	89+700	89+830	LHS	0.130	Structure	92+290	92+320	RHS	0.030	Structure
6	89+870	89+900	LHS	0.030	Structure	92+580	92+640	RHS	0.060	Structure
7	90+030	90+060	LHS	0.030	Structure	92+900	93+000	RHS	0.100	Structure
8	90+080	90+100	LHS	0.020	Structure	93+430	93+460	RHS	0.030	Structure
9	90+130	90+180	LHS	0.050	Structure	93+950	94+000	RHS	0.050	Structure
10	90+200	90+430	LHS	0.230	Structure	94+540	94+560	RHS	0.020	Structure
11	90+800	90+900	LHS	0.100	Structure	94+620	94+640	RHS	0.020	Structure
12	91+530	91+630	LHS	0.100	Structure	95+100	95+200	RHS	0.100	Structure
13	91+700	91+920	LHS	0.220	Structure	95+650	95+680	RHS	0.030	Structure
14	92+370	92+400	LHS	0.030	Structure	95+700	95+850	RHS	0.150	Structure
15	93+500	93+530	LHS	0.030	Structure	100+430	100+450	RHS	0.020	Structure
16	93+740	93+760	LHS	0.020	Structure	100+500	100+600	RHS	0.100	Structure
17	94+200	94+400	LHS	0.200	Structure	100+720	100+800	RHS	0.080	Structure
18	94+480	94+500	LHS	0.020	Structure	100+950	101+050	RHS	0.100	Structure
19	94+630	94+700	LHS	0.070	Structure	102+650	102+700	RHS	0.070	Structure
20	95+250	95+350	LHS	0.100	Structure	102+700	102+750	RHS	0.050	Structure
21	95+480	95+500	LHS	0.020	Structure	103+800	103+870	RHS	0.070	Structure
22	95+600	95+795	LHS	0.195	Structure	103+900	104+000	RHS	0.100	Structure
23	100+700	100+850	LHS	0.150	Structure	105+800	105+900	RHS	0.100	Structure
24	100+950	101+050	LHS	0.100	Structure					
25	101+230	101+350	LHS	0.120	Structure					
26	101+920	102+000	LHS	0.080	Structure					
27	102+550	102+600	LHS	0.050	Structure					
28	104+070	104+120	LHS	0.050	Structure					
29	104+300	104+350	LHS	0.050	Structure					
30	105+800	105+900	LHS	0.100	Structure					
31	106+200	106+300	LHS	0.100	Structure					
<b>Total Hindered Length</b>				<b>2.695</b>		<b>Total Length</b>			<b>1.630</b>	
<b>Total Hindered Length BHS in RMT</b>				<b>2.16</b>						

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**14. Current Issues: -**

**The reference and notice issues mentioned below have been considered as hinderances that are directly affecting the Concessionaire's progress, achievement of various milestones, and cash flow:**

- a) **Non-availability of land:** - As per the Concession Agreement, 100% of the land is to be handed over to the Concessionaire within 90 days from the Appointed Date. However, only approximately **88.51%** of the land is currently free from encumbrances.
- b) **Proposal of COS: -**
1. **The proposal of Change of scope for Retaining wall is still pending by the end of the IE/Authority.**  
The Concessionaire has intimated the Independent Engineer vide letter MKCIL/ASSAM/PKG 6/550 dated 07.11.2025 regarding the proposal for the construction of a retaining wall that mainly arise due to ROW constraint in high-embankment stretches, covering a total length of approximately 440 meters.
  2. **The proposal of Change of scope for unsuitable soil is still pending by the end of the IE /Authority.**  
**1st Case:** The Concessionaire has intimated the Authority/I.E. vide letter MKCIL/ASSAM/PKG 6/222 dated 01.05.2025 regarding the Change of Scope as per Article 16 due to presence of unsuitable soil encountered at several stretches of the project highway.  
During the Field Soil Investigation (FSI) conducted at our site laboratory, the soil samples found fail in the test. When placed in water, the soil samples were observed to float, indicating unsuitable for construction purpose. Due to abnormal behavior of the soil, no further standard testing could be carried out on these samples.  
  
**2nd Case:** The Concessionaire has intimated the Authority/I.E. vide letter MKCIL/ASSAM/PKG 6/224 dated 01.05.2025 regarding the Change of Scope as per Article 16 for several weaker stretches of weak soil strata which have been encountered during the geotechnical investigations. These weak soil zones were neither identified or indicated in the Detailed Project Report (DPR) nor in Concession Agreement for the above-mentioned project.
- c) **Decision for COS on MNBs (Experienced settlement)** – The decision for COS on existing MNBs experiencing settlement, as referred vide letter no. **MKCIL/ASSAM/PKG-06/629**, is still pending with the IE/Authority. The matter relates to settlement observed in the foundations of the existing minor bridges, for which clarification and approval from the Authority are awaited before any further action can be taken.
- d) **Proposal of COS on Existing Box-culvert-** The proposal for COS on the existing box culvert, as submitted vide letter no. MKCIL/ASSAM/PKG-06/607, is pending with the IE/Authority for review and decision. The existing box culvert is currently in a distressed condition, and the proposed COS has been submitted to address the structural deficiencies.
- e) **Proposal of COS for AUP-** The proposal of COS for AUP, as submitted vide letter no. MKCIL/ASSAM/PKG-06/581, is pending with the IE/Authority for review and decision. and the proposed COS has been submitted for your reference letter no. NHIDCL/PMU-Karimganj/SBC/Pkg-VI/2025-26/495.
- f) **Proposal of COS for Toe Wall-** The proposal of COS for Toe wall, as submitted vide letter no. MKCIL/ASSAM/PKG-06/696, is pending with the IE/Authority for review and decision. The concessionaire brings to your kind notice that an existing canal is present along the project highway at ch-

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

95+610 to 95+660 and 95+880 to 96+430 which falls within the PROW of the project. And the proposed COS has been submitted to address the structural deficiencies.

- g) Finalization of Pavement design:** - The pavement design is yet to be finalized by the IE/Authority, which has resulted in a gradual slowdown in the overall progress of the project.
- h) Delay in Completion of Formalities:** - The necessary formalities for the EHT line shifting works have not yet been finalized by the Authority.
- i) Non-Permission from PWD Authorities:** -PWD authorities are not allowing machinery movement through the PWD road for transporting good and construction materials.

It is essential to transport forest materials such as aggregates, soil, sand, and other construction materials from the designated quarry and borrow areas to the project site.

These materials are to be transported through certain PWD rural roads, as these routes form the only available access between the material sources and the construction stretch.

However, the **Karimganj PWD Divisional Officer** has restricted the movement of construction vehicles carrying these materials through the said rural roads, which has caused a significant hindrance to the ongoing project works and may adversely affect the overall project timeline.

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**CHAPTER-1**

**INTRODUCTION**

**General**

The NHIDCL proposes to implement the development, maintenance, and management of the NH-37 & NH-8 stretch from Silchar to Churibari and spur from Karimganj to Sutarkandi from chainage Km. 38.600 to Km. 106.500 into 4-lane access-controlled corridor. The proposed project road has been selected to improve connectivity and reduce travel time from Assam to Tripura. Also, this connectivity will improve international road connectivity between India and Bangladesh. To achieve the above task, NHIDCL has appointed M/s. Aarvee Associates Architects Engineers and Consultants Pvt. Ltd. The Letter of Acceptance was communicated vide letter No. NHIDCL / Assam / DPR / Silchar Churaibari /222542/ 2581 and the agreement was signed on September 1, 2023. The entire project is divided into 5 packages.

**Project Overview**

As described earlier the project road lies on NH8 and connects Chandkhira village to Churaibari village (Assam Tripura border). The proposed alignment passes through Karimganj district in the state of Assam connecting villages Chandkhira, Lowairpoa, Dakhin Hatikhira etc.

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**CHAPTER-2**

**CONTRACT DATA**

<b>Sr. No.</b>	<b>Items</b>	<b>Description</b>
1.	<b>Name of Project</b>	Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km).
2.	<b>Project Length</b>	18.80 km
3.	<b>Project Bid Cost</b>	449.81 Cr.
4.	<b>Authority</b>	National Highways & Infrastructure Development Corporation Limited
5.	<b>Independent Engineer</b>	M/s Agnitio Infrastructure Projects Pvt. Ltd. in JV with M/s Ayoleeza Consultants Pvt. Ltd.
6.	<b>Concessionaire</b>	MKC Badarpur Churaibari Kamakhya Highways Private limited
7.	<b>Design Consultant</b>	Geo Designs & Research Pvt. Ltd.
8.	<b>DPR Consultant</b>	Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.
9.	<b>LOA No. &amp; Date</b>	NHIDCL/Procurement/Assam/2023-24/228965/3086 dated 11.03.2024
10.	<b>Date of Concession Agreement</b>	May 31, 2024
11.	<b>Appointed Date</b>	March 7, 2025
12.	<b>Construction Period</b>	730 days (from Appointed Date) [24-Months]
13.	<b>Schedule Completion Date</b>	March 7, 2027
14.	<b>O&amp;M Period</b>	15 Years from the date of COD

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

		<b>Project Milestone</b>
<b>15</b>	<b>Milestone- I</b>	<p>The Project Milestone-I shall occur on the date falling on the 256<sup>th</sup> (two hundred and fifty sixth) day from the Appointed Date (i.e., <b>November 18, 2025</b>)-</p> <p>(The concessionaire shall have expended not less than 20% of the total capital cost set forth in the Financial Package and the Concessionaire shall have commenced construction of the Project and achieved 20% Physical Progress)</p> <p><b>Achieved on Dated: - 30.11.2025 Vide Letter MKCIL/ASSAM/PKG-06/592 on dated 01.12.2025.</b></p>
	<b>Milestone- II</b>	<p><b>438<sup>th</sup> Day from Appointed Date (i.e., May 19, 2026)</b>- (Prior to the occurrence of Project Milestone-II, the Concessionaire shall have expended not less than 35% of the total capital cost set forth in the Financial Package. Provided, however, that at least 70% of the expenditure referred to hereinabove shall have been incurred on physical works which shall not include advances of any kind to any person or expenditure of any kind on plant and machinery and the concessionaire shall have commenced construction of the project and achieved 35% Physical Progress.).</p>
	<b>Milestone- III</b>	<p><b>620<sup>th</sup> Day from Appointed Date (i.e., November 17, 2026)</b> (The concessionaire shall have commenced construction of all Project Facilities and expended not less than 75% of the total capital cost set forth in the Financial Package and the concessionaire shall have commenced construction of the Project and achieved 75% Physical Progress).</p>
	<b>Scheduled Completion Date</b>	<p><b>730<sup>th</sup> Day from Appointed Date (i.e., March 7, 2027)</b></p> <p>The concessionaire shall have completed the Project in accordance with the Concession Agreement.</p>

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**CHAPTER -3**

**SALIENT FEATURES OF PROJECT HIGHWAY**

**3.1 Pavement Composition (For Main Carriage Way/ Service Road)**

Section	Design Chainage		Stretch in Km.	Sub-Grade	GSB	R-WMM	DBM	BC
	From	To						
MCW	87+700	106+500	18.800	500.00	200.00	205.00	65.00	40.00
				<b>Sub-Grade</b>	<b>R-GSB</b>	<b>R-WMM</b>	<b>DBM</b>	<b>BC</b>
Service Road/Slip Road				500.00	200.00	175.00	50.00	30.00

**Note: -The approval of Pavement design is still pending by the end of Authority.**

**3.2 Details of New/ Widening of Structures and Project Facilities to be constructed along the project Highway:**

Sr. No.	Description	Unit	As per CA	Remarks
1.	Minor Bridge	Reconstruction	Nos.	10.00
		Retained and widened	Nos.	9.00
		New Construction	Nos.	5.00
2.	VUP	New Construction	Nos.	2.00
3.	LVUP	New Construction	Nos.	4.00
4.	Box Culvert	Reconstruction	Nos.	25.00
		Widening	Nos.	6.00
		New Construction	Nos.	7.00
5.	Hume Pipe Culvert	Widening	Nos.	10.00
		Cross Road	Nos.	12.00
6.	Minor Junction	Nos.	6.00	
7.	W-beam Single faced metal crash barrier	Rmt.	22662.00	
8.	Drain (covered)	Rmt.	20.900	

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**CHAPTER -4**

**SCOPE OF THE WORKS AND PROJECT FACILITIES**

**4.1 Scope of Works**

The Schedule-B of the Concession Agreement specifies the scope of works. The broad scope of the works includes the following:

- Reconstruction of existing 2 lane carriageway to 4 lane divided carriageway including strengthening existing carriageway by providing bituminous overlays in accordance with the Specifications and Standards.
- Construction of 24- Minor Bridge, 6- Underpasses, 48- Culverts.
- Construction of Slip Road of 10.460 Km (L)
- Construction of Sr. Road of 10.440 Km (L)

**4.2 Project Facilities**

The Schedule-C of the Concession Agreement specifies the project facilities to be constructed for the project highway. The project facilities include the following:

- a) Roadside Furniture
  - i. Kilometer and Hectometer Stones
  - ii. Traffic Signs
  - iii. Overhead Sign
  - iv. Road Marking
  - v. Road Delineators
  - vi. Reflective Pavement Markers & Solar Studs
  - vii. Traffic Impact Attenuators
  - viii. Boundary wall and Fencing
- b) Operation and Maintenance centers
- c) Way side Amenities/ Service Areas
- d) Bus Bay and Bus Shelter
- e) Pedestrian Facilities
- f) Highway Lighting
- g) Rainwater Harvesting
- h) Environmental Management Plan
- i) Advanced Traffic Management System (ATMS)
- j) Highway Patrol Unit
- k) Emergency Medical Services
- l) Crane Services

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**CHAPTER -5**

**PRE-CONSTRUCTION ACTIVITIES**

**5.1 Obligations**

**Obligations of Authority-**

Sr. No.	Clause No.	Obligation	Status	Remark/ Reference
1	Clause 4.1.2	Condition Precedent	Not done	MKCIL/ASSAM/PKG-06/383
2	Article 11	Utilities, Associated Roads and Trees	In-progress	
3	Clause 18.1.2	Safety Consultant	Not done	
4	Article 21	Appointment of Independent Engineer	Appointed	Partially Mobilized
5	Clause 10.3	Joint Memorandum	Done	07.03.2025

**Obligations of Concessionaire-**

Sr. No.	Clause No.	Obligation	Status	Remark/ Reference
1	Clause 9.1	Performance Security	Submitted	
2	Article 11	Shifting and Relocation Electrical Utilities	In-progress	
3	Article 26	Insurance	Done	
4	Clause 4.1.3 (Schedule-E)	Applicable Permits	Done	
5		A permission of State Govt. for boulders extraction	Done	
6		Permission of Village Panchayet and Pollution Board for installation of crushers	Done	
7		License for use of explosives	N/A	
8		Permission of the State Govt. from drawing water from river/ reservoir	Done	
9			Labour License	Done
10	Clause 12.1	Quality Assurance Plan	Submitted	MKCIL-169 dt. 01.04.2025
11		Construction Methodology	Submitted	MKCIL-178 dt. 07.04.2025

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**5.2 Shifting of Utilities**

The project works includes shifting/relocation of various utility services along the project road. The details of the utilities/ Hindrances are required to be shifted/ relocated/ removed along the Project Highway is summarized below:

Sl. No.	Utility/ Hindrance Type	Unit	Qty	Status	Remark
1	EHT Crossing	Nos.	8	Approval is pending	
2	HT/ LT lines (including Transformers if any)	Nos.	741	In Progress	
3	HT/ LT crossing	Nos.	67	In Progress	
4	Water Pipeline	Km	26.98	Completed	
5	Water Pipeline Crossing	Nos.	24	Completed	

**5.3 Tree Cutting**

The tree cutting status is given below for the project highway.

Sr. No.	Description	Total	Remarks
1.	Total Number of Trees	691.00	<b>Non-Forest area</b>
2.	Total Felling of Trees	<b>475.00</b>	
3.	Balance Trees	216.00	

**5.4 Land Acquisition**

As appended above in executive summary, Serial no. 13.

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**HINDRANCE LIST – CHAINAGE WISE DETAILS**

<b>DETAILS OF ENCUMBRANCES WITHIN ROW</b>										
<b>Sr. No</b>	<b>Chainage</b>		<b>Side</b>	<b>Total Length (KM)</b>	<b>Remark</b>	<b>Chainage</b>		<b>Side</b>	<b>Total Length (KM)</b>	<b>Remark</b>
	<b>From</b>	<b>To</b>				<b>From</b>	<b>To</b>			
1	87+700	87+750	LHS	0.050	Structure	88+000	88+040	RHS	0.040	Structure
2	88+010	88+100	LHS	0.090	Structure	90+100	90+270	RHS	0.170	Structure
3	88+960	88+980	LHS	0.020	Structure	91+300	91+340	RHS	0.040	Structure
4	89+390	89+530	LHS	0.140	Structure	91+700	91+800	RHS	0.100	Structure
5	89+700	89+830	LHS	0.130	Structure	92+290	92+320	RHS	0.030	Structure
6	89+870	89+900	LHS	0.030	Structure	92+580	92+640	RHS	0.060	Structure
7	90+030	90+060	LHS	0.030	Structure	92+900	93+000	RHS	0.100	Structure
8	90+080	90+100	LHS	0.020	Structure	93+430	93+460	RHS	0.030	Structure
9	90+130	90+180	LHS	0.050	Structure	93+950	94+000	RHS	0.050	Structure
10	90+200	90+430	LHS	0.230	Structure	94+540	94+560	RHS	0.020	Structure
11	90+800	90+900	LHS	0.100	Structure	94+620	94+640	RHS	0.020	Structure
12	91+530	91+630	LHS	0.100	Structure	95+100	95+200	RHS	0.100	Structure
13	91+700	91+920	LHS	0.220	Structure	95+650	95+680	RHS	0.030	Structure
14	92+370	92+400	LHS	0.030	Structure	95+700	95+850	RHS	0.150	Structure
15	93+500	93+530	LHS	0.030	Structure	100+430	100+450	RHS	0.020	Structure
16	93+740	93+760	LHS	0.020	Structure	100+500	100+600	RHS	0.100	Structure
17	94+200	94+400	LHS	0.200	Structure	100+720	100+800	RHS	0.080	Structure
18	94+480	94+500	LHS	0.020	Structure	100+950	101+050	RHS	0.100	Structure
19	94+630	94+700	LHS	0.070	Structure	102+650	102+700	RHS	0.070	Structure
20	95+250	95+350	LHS	0.100	Structure	102+700	102+750	RHS	0.050	Structure
21	95+480	95+500	LHS	0.020	Structure	103+800	103+870	RHS	0.070	Structure
22	95+600	95+795	LHS	0.195	Structure	103+900	104+000	RHS	0.100	Structure
23	100+700	100+850	LHS	0.150	Structure	105+800	105+900	RHS	0.100	Structure
24	100+950	101+050	LHS	0.100	Structure					
25	101+230	101+350	LHS	0.120	Structure					
26	101+920	102+000	LHS	0.080	Structure					
27	102+550	102+600	LHS	0.050	Structure					
28	104+070	104+120	LHS	0.050	Structure					
29	104+300	104+350	LHS	0.050	Structure					
30	105+800	105+900	LHS	0.100	Structure					
31	106+200	106+300	LHS	0.100	Structure					
<b>Total Hindered Length</b>				<b>2.695</b>		<b>Total Length</b>		<b>1.630</b>		
<b>Total Hindered Length BHS in RMT</b>				<b>2.16</b>						

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**CHAPTER -6**

**MOBILIZATION**

**6.1 Manpower Mobilization of Concessionaire**

<b>Sr. No.</b>	<b>Name of Employee</b>	<b>Designation</b>	<b>Department</b>
1.	Satish Chandra Pandey	Sr.GM	HQ
2.	Ajeet Kumar Shukla	Project Manager	Project Execution
3.	Ajeet Kumar	Deputy Manager	HR/Admin
4.	Vikash Kumar Mishra	Executive	HR/Admin
5.	Amit Kumar Verma	Supervisor	Admin
6.	Rakesh Samanta	Deputy Manager	Survey
7.	Asim Pal	Asst. Manager	Survey
8.	Sunil Singh	Senior Surveyor	Survey
9.	Lakshaman Samai	Surveyor	Survey
10.	Saurav Nayak	Junior Surveyor	Survey
11.	Partha Barman	Junior Surveyor	Survey
12.	Vinay Ram Dubey	Assistant Manager	Liaison
13.	Gulzar Ahmed	Executive	Liaison
14.	Biswajit Santra	Manager	QA/ QC
15.	Jitendra Kumar Sah	Engineer	QA/QC
16.	Harish Singh Bhadoriya	Engineer	QA/QC
17.	Kanhaiya Singh	Lab Technician	QA/QC
18.	Sandeep Kumar Vishwakarma	Lab Technician	QA/QC
19.	Nilamber Mahto	Lab Technician	QA/QC
20.	Sunil	Lab Technician	QA/QC
21.	Shivam Shroshria	J.E.T	QA/QC
22.	Pritom Manna	Junior Engineer	QA/QC
23.	Debjyoti jena	Junior Engineer	QA/QC
24.	DeepaK Kumar Mishra	Deputy Manager	Highway
25.	Mohan Kumar Jha	Senior Engineer	Highway
26.	Sonu	Deputy Manager	Highway
27.	Beetan Banarji	Senior Engineer RE Wall	Highway
28.	Dinesh Kumar Tiwai	Senior Engineer RE Wall	Highway
29.	Abhay Tripathi	Senior Engineer RE Wall	Highway
30.	Ashwini Gupta	Engineer	Highway
31.	Vishal Kumar	Assistant Engineer	Highway

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

32.	Md Shariqre Alam	Engineer	Highway
33.	Pawan Gupta	Jr. Engineer	Highway
34.	Ram Narain Sharma	Sr. Supervisor	Highway
35.	Surendra Shrma	Sr. Supervisor	Highway
36.	Bharat Mahto	Sr. Supervisor	Highway
37.	Gopal kharol	Supervisor	Highway
38.	Shiv Kumar	Supervisor	Highway
39.	Rohit Malakar	Supervisor	Highway
40.	Lakhan Dixit	Supervisor	Highway
41.	Sohan Mishra	Manager	Structure
42.	Jagdish Yadav	Senior Engineer	Structure
43.	Varun Kumar Gautam	Engineer	Structure
44.	Abhishek Singh	Engineer	Structure
45.	Vishal Kumar	Engineer	Structure
46.	Nilesh Kumar	Junior Engineer	Structure
47.	Sumit Kumar	Junior Engineer	Structure
48.	Shubham Pandey	Junior Engineer	Structure
49.	Ankit Singh	DET	Structure
50.	Urman Singh	DET	Structure
51.	Amit Singh Gautam	DET	Structure
52.	Anshu Mishra	Supervisor	Structure
53.	Ashutosh Kumar	Supervisor	Structure
54.	Jagdish Pandey	Manager	Planning & Billing
55.	Abhay Kr. Singh	Senior Engineer	Planning & Billing
56.	Rajesh Gantayata	Assistant Engineer	Planning & Billing
57.	Abhinab Kishore	Engineer	Planning & Billing
58.	Tarun Kumar	Get	Planning & Billing
59.	Bikash Chandra Sahu	Senior Executive	IT
60.	Santosh Kumar Jena	Manager	Store
61.	Narugopal Adak	Deputy Manager	Store
62.	Partha Sarathi Roy	Deputy Manager	Store
63.	Santosh Kumar Yadav	Senior Executive	Store
64.	Jeevan Kumar Bhagat	Senior Executive	Store
65.	Pankaj Kumar	Senior Executive	Store
66.	Govind Ram Nagar	Officer	Store
67.	Rahul Mandal	Jr. Executive	Store
68.	Kumar Abhinav	Jr. Executive	Store
69.	Shivam Mishra	Jr. Executive	Store

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

70.	Shailesh Kumar Singh	Supervisor	Store
71.	Sanjay Singh	Supervisor	Store
72.	Amit Kumar Tiwari	Supervisor	Store
73.	Gaurav Pandey	Supervisor	Store
74.	Nigam Kumar	Supervisor	Store
75.	Bhaskar Ganguly	Manager	Mechanical
76.	Amredra Tiwari	Sr. Engineer	Mechanical
77.	Sahajan Alom Choudhury	Executive	Mechanical
78.	Aman Kumar	Executive	Mechanical
79.	Ratnesh Kumar Bharti	Junior Executive	Mechanical
80.	Arun Kumar Singh	Junior Executive	Mechanical
81.	Dharmendra Kumar Mahto	GET	Mechanical
82.	Debasis Sahoo	Sr, Supervisor	Mechanical
83.	Akshaya Kumar Swain	Sr, Supervisor	Mechanical
84.	Prashant Babu	Supervisor	Mechanical
85.	Vijay Ram Dubey	Fleet In-Charge	Mechanical
86.	Shiv Kr. Pareek	Executive	F & A
87.	Shivam Singh	Junior Executive	H.S.E - Safety
88.	Rishu Kumar	Engineer	Electrical

**6.2 Manpower Mobilization of Independent Engineer**

<b>Sl.no</b>	<b>Name</b>	<b>Designation</b>	<b>DOJ</b>
<b>1</b>	Manoj Kumar Jha	Team Leader	01.05.2025
<b>2</b>	Pritam Kumar Singh	Resident Engineer	19.05.2025
<b>3</b>	Shankar Kumar Singh	Bridge Engineer	08.08.2025
<b>4</b>	Ujjwal Rout	Senior Pavement Specialist	18.08.2025
<b>5</b>	Bhanu Pratap Verma	SQME	04.08.2025
<b>6</b>	Sourav Chakraborty	Assistant Highway Engineer	15.05.2025
<b>7</b>	Swadesh suman	Assistant Bridge Engineer	13.08.2025
<b>8</b>	Lakhan Singh	Survey Engineer	18.08.2025
<b>9</b>	Pushkar Mishra	Assistant Quality Material Engineer	24.07.2025

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**CHAPTER-7**

**DEPLOYMENT OF PLANTS AND EQUIPMENT / PROJECT SET UP PLAN**

**7.1 Plants and Equipment Deployed: -**

<b>Sr. no.</b>	<b>Type of Machine</b>	<b>Nos</b>	<b>Remark</b>
1	Excavator	15	
2	Tipper	34	
3	Farana 30 Ton capacity crane	02	
4	Hydra 14 Ton capacity	01	
5	Batching plant	02	
6	RE block Plant	01	
7	WMM Plant 250 TPH	01	
8	Soil Compactor Roller	08	
9	Tandem Roller	04	
10	Mini Tandem Roller	01	
11	Motor Grader	03	
12	Transit Mixer	11	
13	Backhoe Loader	04	
14	LMV Vehicle	11	
15	Diesel Tanker	02	
16	Trailer	02	
17	DG	25	
18	Tractor Trolley	04	
19	Tractor Loader	04	
20	Boom Placer	01	
21	Water Tanker	04	
22	Loader	02	
23	Paver	02	
24	Air Compressor	02	
25	Hydraulic Rock Breaker	01	

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**CHAPTER-8  
DESIGN AND DRAWING**

The project highway has been designed for four lane divided carriageway facility with provision of central raised median of 2.5M. The Concession Agreement envisages design of the project highway by the Concessionaire. The scope of design includes the design for road works; structure works and other project facilities. The drawings need to be prepared and approved for execution of each component of the project highway.

**8.1 Design**

The design of road works e.g., plans and profiles, cross sections and other miscellaneous items are being prepared by the Concessionaire for approval and execution of works accordingly. Similarly, the design of various structures e.g., Major bridge, Minor bridges, Vehicular Underpasses, Box Culverts, Hume Pipe Culverts etc. are also being prepared by the Concessionaire for review by Authority/ IE.

**8.2 Drawings**

As per requirement of the Contract Agreement various drawings are being prepared for execution and completion of the works. The working drawings of road works and structure works are being prepared by the Concessionaire and submitted to the Authority/ Independent Engineer prior to execution of works at site.

**8.3 Status of Approval of Drawings**

The status of drawing submission and approval of GAD for road and structure works as on **March 31, 2026**, is enclosed in this chapter of the report.

**Road Works**

S N	Description	Unit	Total	Submitted	Approval	Remarks
1.	Plan & Profile MCW	Km	18.800	18.800	18.800	
2.	Plan & Profile SR	Km	10.440	10.440	10.440	
3.	Typical Cross Section	Nos	1.00	1.00	0.00	
4.	Pavement Design Report	Nos	1.00	1.00	0.00	Approval is still pending by the end of IE/authority.
5.	RE Wall	Nos	5.00	3.00	3.00	
7.	Minor Junction	Nos	24.00	-	-	
8.	Signage Plan	Nos	1.00	-	-	
9.	Rest Area	Nos	1.00	-	-	

**Structure Works; -**

Description	Total Nos	Submitted	Approved	Remarks
LVUP	4	4	4	
VUP	2	2	2	
MNB	24	24	22	Revised 1 Nos D & D Submitted under letter reference MKCIL/ASSAM/PKG-6/711 dated-31.01.2026
Box Culverts	38	38	38	Revised 4 Nos D & D Submitted under letter reference MKCIL/ASSAM/PKG-6/571 dated-18.11.2025
Pipe Culvert	10	10	10	

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**CHAPTER-9**

**PROJECT WORK PROGRESS**

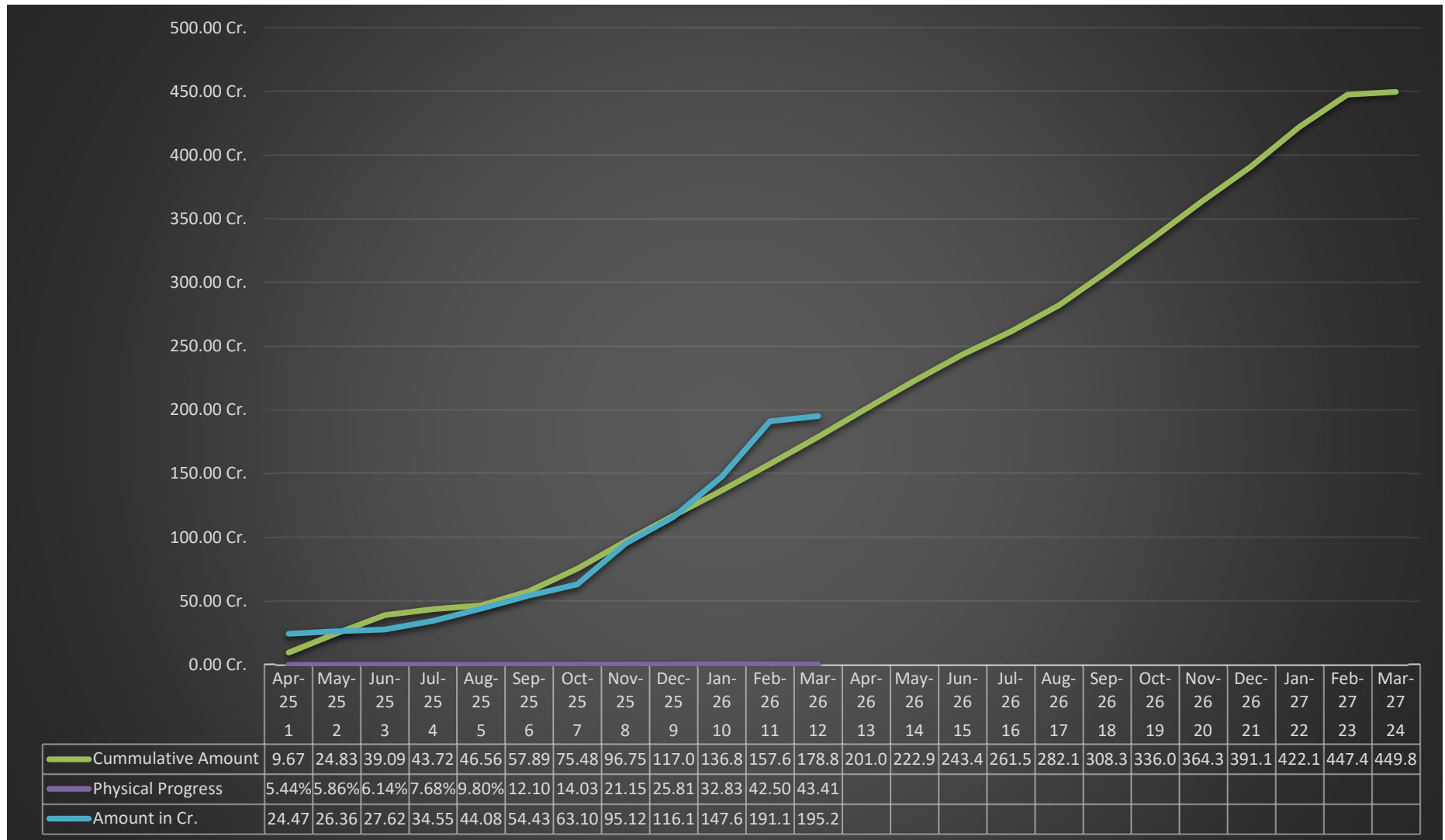
**9.1 Work Progress:**

Progress as per Schedule G for the month March-2026.

Item	Stage for measurement of Physical Progress	Unit	Qty.	Weightage in percentage to the contract price	Physical Progress	% of Physical Progress	Value of Physical progress	
<b>Project Name :-</b> 4-Lane of NH-8 from Design Ch. 87.700 near Chandkhira Village to Design Ch. 106.500 near Churaibari Village (Assam/Tripura Border) on Silchar-Churaibari Pkg-6 in the state of Assam ( Package-VI)								
<b>Authority Engineer</b> National Highways & Infrastructure Development Corporation Limited								
<b>Independent Engineer</b> M/s Agnitio Infrastructure Projects Pvt. Ltd. in JV with M/s Ayoleeza Consultants Pvt. Ltd.								
<b>Concessionaire Name</b> MKC Badarpur Churaibari Kamakhya Highways Private Limited								
<b>Total Contract Price</b> 4,49,81,00,000								
<b>Schedule-G</b>								
Road works including culverts, minor Bridges, underpasses, overpasses, approaches to ROB/RUB/Major Bridges/Structures (But excluding service road)	<b>A - Widening and strengthening of existing road</b>							
	(1) Earthwork upto top of Sub-grade	L-Km	26.17	15.79%	12.11	46.3%	7.3%	
	(2) Granular work (Sub-base, base, shoulder)							
	(a) GSB	L-Km	26.17	5.19%	6.50	24.8%	1.3%	
	(b) WMM	L-Km	26.17	4.89%		0.0%	0.0%	
	(3) Shoulders	L-Km	26.17	0.21%		0.0%	0.0%	
	(4) Bituminous Work							
	(a) DBM	L-Km	26.17	3.80%		0.0%	0.0%	
	(b) BC	L-Km	26.17	2.57%		0.0%	0.0%	
	(6) Widening and repair of culverts	No.	32.00	1.30%	32.00	100.0%	1.3%	
	(7) Widening and repair of Minor Bridges	No.	18.00	4.44%	18.00	100.0%	4.4%	
	<b>B - New 4 Lane Realignment/Bypass</b>							
	(1) Earthwork upto top of Sub-grade	L-Km	10.67	5.16%	6.05	56.7%	2.9%	
	(2) Granular work (Sub-base, base, Shoulder)							
	(a) GSB	L-Km	10.67	2.50%	1.80	16.9%	0.4%	
	(b) WMM	L-Km	10.67	1.83%		0.0%	0.0%	
	(3) Shoulders	L-Km	10.67	0.43%		0.0%	0.0%	
	(4) Bituminous Work							
	(a) DBM	L-Km	10.67	1.38%		0.0%	0.0%	
	(b) BC	L-Km	10.67	0.92%		0.0%	0.0%	
	<b>C- New Culverts, Minor Bridges, underpasses, overpasses on existing road, realignment, bypasses:</b>							
	1) Culverts	No.	64.00	3.52%	62.00	96.9%	3.4%	
	2) Minor Bridges							
	a) Foundation	No.	62.00	7.87%	54.00	87.1%	6.9%	
	b) Sub-Structure	No.	62.00	2.54%	40.00	64.5%	1.6%	
	c) Super-Structure (including Crash Barrier etc. Complete) If pre-cast girders/ segments are used, 40% of the weightage of the stage in percentage to the bid project cost is assigned to the casting of such precast members/ components							
	c-i) Precast Girder - On Casting (40%)	No.	20.00	2.32%	9.00	45.0%	1.0%	
	c-ii) Slab - after Completion of Slab (60%)	No.	42.00	3.48%	24.00	57.1%	2.0%	
	5) Grade Separated Structures							
	a) Underpasses							
i) Foundation	No.	16.00	3.12%	16.00	100.0%	3.1%		
ii) Sub-Structure	No.	16.00	1.38%	16.00	100.0%	1.4%		
iii) Super-Structure (including Crash Barrier, wearing coat etc. Complete) If pre-cast girders/ segments are used, 40% of the weightage of the stage in percentage to the bid project cost is assigned to the casting of such members/ components								
iii-a) Precast Girder - On Casting (40%)	No.	4.00	0.74%	4.00				
iii-b) Slab - after Completion of Slab (60%)	No.	12.00	1.10%	8.00	66.7%	0.7%		
7) Reinforced earth wall (includes Approaches to ROB, Underpasses, Over passes, Flyover etc.) If Re-wall is used with facia panels/blocks, 5% of weightage of the stage in percentage to bid project cost is assigned to the erection of Re-wall using Panel/Blocks Casting (5%)								
i) Re-Wall using Panel/Blocks Casting (5%)	Sq.m	52,300.00	0.08%	44,033.18	84.2%	0.1%		
ii) Re-Wall using Panel/Blocks Erection (95%)	Sq.m	52,300.00	1.56%	5,000.00	9.6%	0.1%		
<b>UTILITY SHIFTING</b>								
EHT Crossing	No.	8.00	1.59%					
HT/LT lines (including Transformers if any)	Km	18.80	0.35%	15.56	82.8%	0.3%		
HT/LT crossings	No.	67.00	2.36%	45.00	67.2%	1.6%		
Water pipeline	L-Km	26.98	0.49%	26.98	100.0%	0.5%		
Water pipeline crossings	No.	23.00	0.32%	23.00	100.0%	0.3%		
<b>MISSCELLANEOUS WORKS</b>								
i) - Service Road / Slip Road	L-Km	20.90	4.23%					
iii) Road Side Drains	L-Km	20.90	3.78%	8.17	39.1%	1.5%		
<b>iv) - Road signs, markings, Km Stone, Safety devices</b>								
(a) Road signs, markings, Km Stone	L-Km	37.60	0.53%		0.0%	0.0%		
(b) Concrete Crash Barrier/W Beam Crash Barrier in Road work	L-Km	25.96	2.20%		0.0%	0.0%		
<b>v) - Project Facilities</b>								
(a) Bus bays	No.	12.00	0.03%		0.0%	0.0%		
(c) Rest Area	No.	1.00	0.59%					
<b>viii) - Protection Work</b>								
(b) Toe / Retaining Wall	L-Km	2.56	2.60%	1.16	45.3%	1.2%		
<b>x) Miscellaneous</b>								
(a) Street Lighting	No.	1,672.00	0.54%		0.0%	0.0%		
(b) ATMS, HTMS, Traffic Aid Posts, Medical aid Posts, Vehicle Recue Posts, Telecom System	L-Km	37.60	0.44%		0.0%	0.0%		
(c) Boundary Wall	L-Km	37.51	1.37%		0.0%	0.0%		
(d) Junction	No.	24.00	0.33%		0.0%	0.0%		
(e) Rain Water Harwesting (RWH)	No.	38.00	0.13%		0.0%	0.0%		
<b>Grand Total &gt;&gt;&gt;</b>				<b>100.00%</b>			<b>43.410%</b>	

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

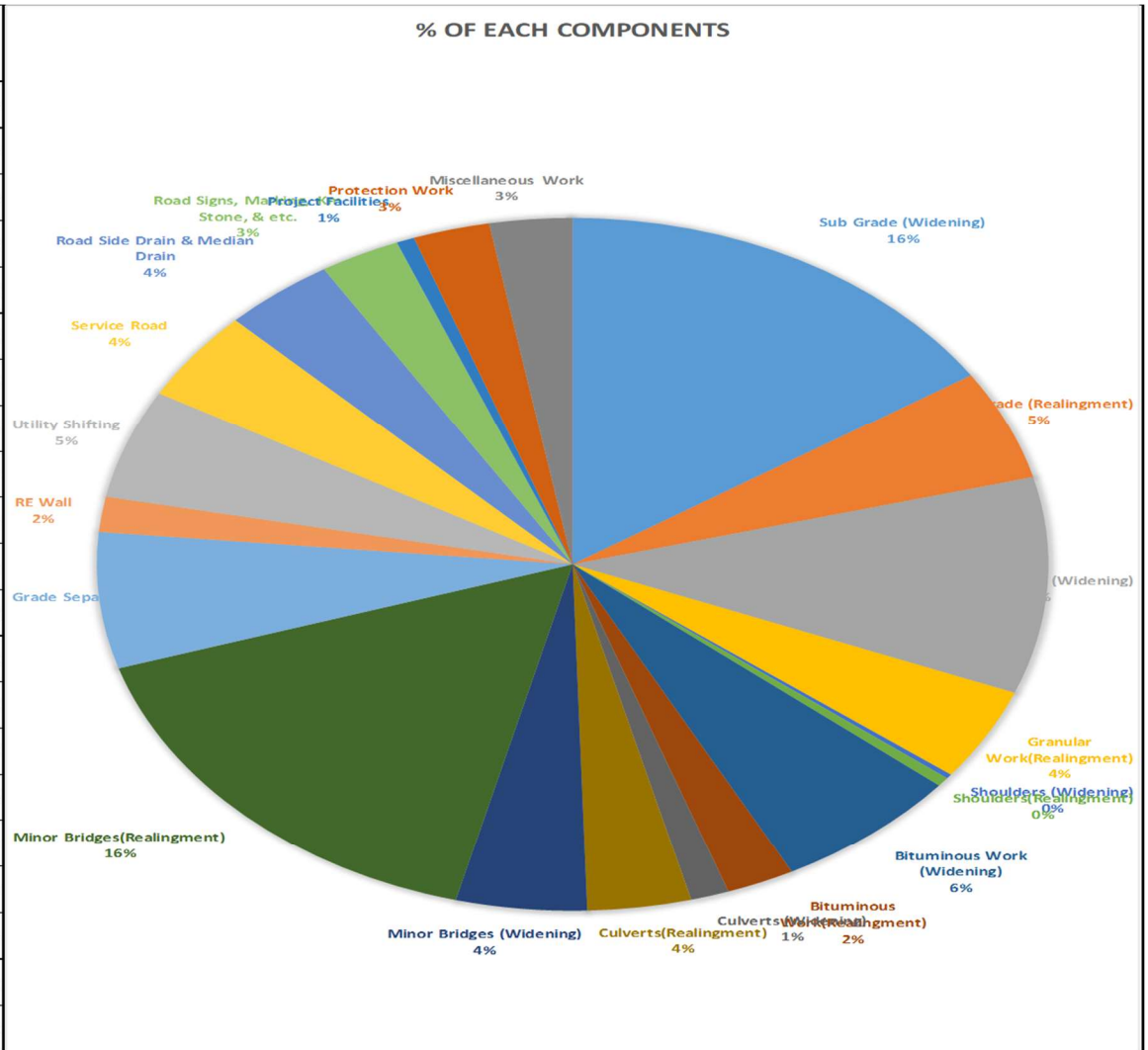
**9.2 S Curve**



**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

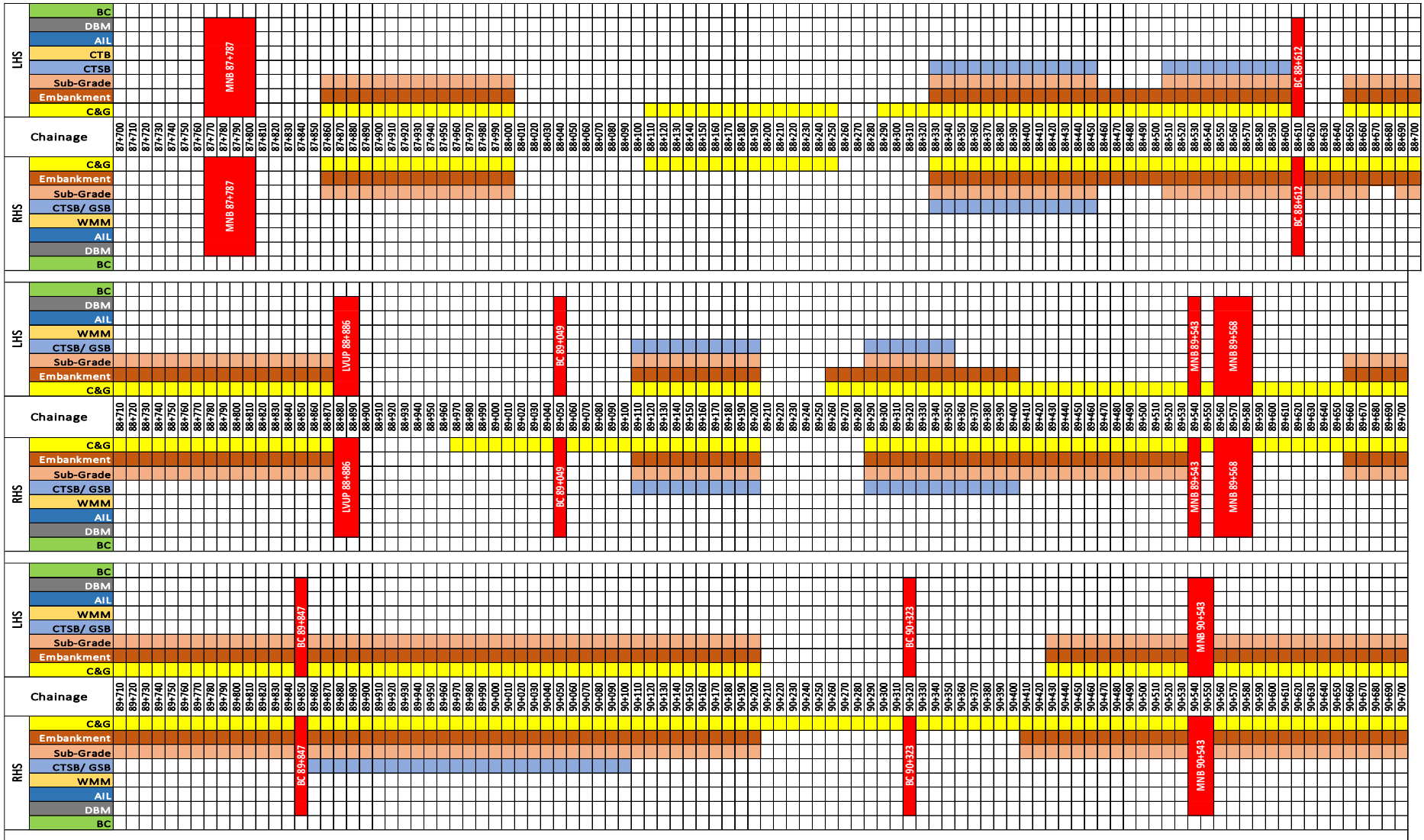
**9.3 Weightages**

Work Description	% of Each sub components	Amount (Cr.)
Sub Grade (Widening)	15.79%	71,02,49,990.00
Sub Grade (Realingment)	5.16%	23,21,01,960.00
Granular Work (Widening)	10.09%	45,38,58,290.00
Granular Work(Realingment)	4.33%	19,47,67,730.00
Shoulders (Widening)	0.21%	94,46,010.00
Shoulders(Realingment)	0.43%	1,93,41,830.00
Bituminous Work (Widening)	6.37%	28,65,28,970.00
Bituminous Work(Realingment)	2.31%	10,39,06,110.00
Culverts (Widening)	1.30%	5,84,75,300.00
Culverts(Realingment)	3.52%	15,83,33,120.00
Minor Bridges (Widening)	4.44%	19,97,15,640.00
Minor Bridges(Realingment)	16.20%	72,86,92,200.00
Grade Separated Structures	6.34%	28,51,79,540.00
RE Wall	1.64%	7,37,68,840.00
Utility Shifting	5.11%	22,98,52,910.00
Service Road	4.23%	19,02,69,630.00
Road Side Drain & Median	3.78%	17,00,28,180.00
Road Signs, Marking, Km Stone, & etc.	2.73%	12,27,98,130.00
Project Facilities	0.61%	2,74,38,410.00
Protection Work	2.60%	11,69,50,600.00
Miscellaneous Work	2.81%	12,63,96,610.00



**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**9.4 Highway Progress:**





**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

LHS	Chainage	RHS	Chainage	LHS	Chainage	RHS	Chainage	LHS	Chainage	RHS	Chainage
BC	93+710	Emb	94+710	BC	94+710	Emb	95+710	BC	95+710	Emb	96+710
DBM	93+720	Sub-Gr	94+720	DBM	94+720	Sub-Gr	95+720	DBM	95+720	Sub-Gr	96+720
Ail	93+730	CTS/ GSB	94+730	Ail	94+730	CTS/ GSB	95+730	Ail	95+730	CTS/ GSB	96+730
WMM	93+740	WMM	94+740	WMM	94+740	WMM	95+740	WMM	95+740	WMM	96+740
CTS/ GSB	93+750	Sub-Gr	94+750	CTS/ GSB	94+750	Sub-Gr	95+750	CTS/ GSB	95+750	Sub-Gr	96+750
Sub-Grade	93+760	Emb	94+760	Sub-Grade	94+760	Emb	95+760	Sub-Grade	95+760	Sub-Gr	96+760
Embankment	93+770	Emb	94+770	Embankment	94+770	Emb	95+770	Embankment	95+770	Emb	96+770
C&G	93+780	C&G	94+780	C&G	94+780	C&G	95+780	C&G	95+780	C&G	96+780
	93+790		94+790		94+790		95+790		95+790		96+790
	93+800		94+800		94+800		95+800		95+800		96+800
	93+810		94+810		94+810		95+810		95+810		96+810
	93+820		94+820		94+820		95+820		95+820		96+820
	93+830		94+830		94+830		95+830		95+830		96+830
	93+840		94+840		94+840		95+840		95+840		96+840
	93+850		94+850		94+850		95+850		95+850		96+850
	93+860		94+860		94+860		95+860		95+860		96+860
	93+870		94+870		94+870		95+870		95+870		96+870
	93+880		94+880		94+880		95+880		95+880		96+880
	93+890		94+890		94+890		95+890		95+890		96+890
	93+900		94+900		94+900		95+900		95+900		96+900
	93+910		94+910		94+910		95+910		95+910		96+910
	93+920		94+920		94+920		95+920		95+920		96+920
	93+930		94+930		94+930		95+930		95+930		96+930
	93+940		94+940		94+940		95+940		95+940		96+940
	93+950		94+950		94+950		95+950		95+950		96+950
	93+960		94+960		94+960		95+960		95+960		96+960
	93+970		94+970		94+970		95+970		95+970		96+970
	93+980		94+980		94+980		95+980		95+980		96+980
	93+990		94+990		94+990		95+990		95+990		96+990
	94+000		94+000		94+000		95+000		95+000		96+000
	94+010		94+010		94+010		95+010		95+010		96+010
	94+020		94+020		94+020		95+020		95+020		96+020
	94+030		94+030		94+030		95+030		95+030		96+030
	94+040		94+040		94+040		95+040		95+040		96+040
	94+050		94+050		94+050		95+050		95+050		96+050
	94+060		94+060		94+060		95+060		95+060		96+060
	94+070		94+070		94+070		95+070		95+070		96+070
	94+080		94+080		94+080		95+080		95+080		96+080
	94+090		94+090		94+090		95+090		95+090		96+090
	94+100		94+100		94+100		95+100		95+100		96+100
	94+110		94+110		94+110		95+110		95+110		96+110
	94+120		94+120		94+120		95+120		95+120		96+120
	94+130		94+130		94+130		95+130		95+130		96+130
	94+140		94+140		94+140		95+140		95+140		96+140
	94+150		94+150		94+150		95+150		95+150		96+150
	94+160		94+160		94+160		95+160		95+160		96+160
	94+170		94+170		94+170		95+170		95+170		96+170
	94+180		94+180		94+180		95+180		95+180		96+180
	94+190		94+190		94+190		95+190		95+190		96+190
	94+200		94+200		94+200		95+200		95+200		96+200
	94+210		94+210		94+210		95+210		95+210		96+210
	94+220		94+220		94+220		95+220		95+220		96+220
	94+230		94+230		94+230		95+230		95+230		96+230
	94+240		94+240		94+240		95+240		95+240		96+240
	94+250		94+250		94+250		95+250		95+250		96+250
	94+260		94+260		94+260		95+260		95+260		96+260
	94+270		94+270		94+270		95+270		95+270		96+270
	94+280		94+280		94+280		95+280		95+280		96+280
	94+290		94+290		94+290		95+290		95+290		96+290
	94+300		94+300		94+300		95+300		95+300		96+300
	94+310		94+310		94+310		95+310		95+310		96+310
	94+320		94+320		94+320		95+320		95+320		96+320
	94+330		94+330		94+330		95+330		95+330		96+330
	94+340		94+340		94+340		95+340		95+340		96+340
	94+350		94+350		94+350		95+350		95+350		96+350
	94+360		94+360		94+360		95+360		95+360		96+360
	94+370		94+370		94+370		95+370		95+370		96+370
	94+380		94+380		94+380		95+380		95+380		96+380
	94+390		94+390		94+390		95+390		95+390		96+390
	94+400		94+400		94+400		95+400		95+400		96+400
	94+410		94+410		94+410		95+410		95+410		96+410
	94+420		94+420		94+420		95+420		95+420		96+420
	94+430		94+430		94+430		95+430		95+430		96+430
	94+440		94+440		94+440		95+440		95+440		96+440
	94+450		94+450		94+450		95+450		95+450		96+450
	94+460		94+460		94+460		95+460		95+460		96+460
	94+470		94+470		94+470		95+470		95+470		96+470
	94+480		94+480		94+480		95+480		95+480		96+480
	94+490		94+490		94+490		95+490		95+490		96+490
	94+500		94+500		94+500		95+500		95+500		96+500
	94+510		94+510		94+510		95+510		95+510		96+510
	94+520		94+520		94+520		95+520		95+520		96+520
	94+530		94+530		94+530		95+530		95+530		96+530
	94+540		94+540		94+540		95+540		95+540		96+540
	94+550		94+550		94+550		95+550		95+550		96+550
	94+560		94+560		94+560		95+560		95+560		96+560
	94+570		94+570		94+570		95+570		95+570		96+570
	94+580		94+580		94+580		95+580		95+580		96+580
	94+590		94+590		94+590		95+590		95+590		96+590
	94+600		94+600		94+600		95+600		95+600		96+600
	94+610		94+610		94+610		95+610		95+610		96+610
	94+620		94+620		94+620		95+620		95+620		96+620
	94+630		94+630		94+630		95+630		95+630		96+630
	94+640		94+640		94+640		95+640		95+640		96+640
	94+650		94+650		94+650		95+650		95+650		96+650
	94+660		94+660		94+660		95+660		95+660		96+660
	94+670		94+670		94+670		95+670		95+670		96+670
	94+680		94+680		94+680		95+680		95+680		96+680
	94+690		94+690		94+690		95+690		95+690		96+690
	94+700		94+700		94+700		95+700		95+700		96+700









**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**9.5 Detailed Structure Work Progress**

**9.5.1 Status of HPC**

SN	LHS							HPC Chainage	RHS						
	H/W Final Lift	H/W-2nd Lift	H/W-1st Lift	H/W-PCC M15	Laying of Pipe	PCC/Granular Bed	Layout & Excavation		Layout & Excavation	PCC/Granular Bed	Laying of Pipe	H/W-PCC M15	H/W-1st Lift	H/W-2nd Lift	H/W Final Lift
1								93+516							
2								97+271							
3								97+381							
4								97+941							
5								98+051							
6								98+894							
7								98+944							
8								99+375							
9								99+601							
10								99+970							

1	Not Available	1
2	In Progress	
3	Completed	

**Four Lining of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**9.5.2 Status of Box Culvert**

S/N	LHS											Box Culvert Chainage	RHS											
	Protection Work	Parapet Wall	Top Slab	Top Haunch	Wall Final Lift	Wall 2nd Lift	Wall 1st Lift	Haunch	Raft	PCC/Gramlar Bed	Layout & Excavation		Abutment	Layout & Excavation	PCC/Gramlar Bed	Raft	Haunch	Wall 1st Lift	Wall 2nd Lift	Wall Final Lift	Top Haunch	Top Slab	Parapet Wall	Protection Work
1											A1	88+612	A1											
											A2		A2											
2											A1	89+049	A1											
											A2		A2											
3											A1	89+847	A1											
											A2		A2											
4											A1	90+323	A1											
											A2		A2											
5											A1	90+747	A1											
											A2		A2											
6											A1	90+970	A1											
											A2		A2											
7											A1	91+349	A1											
											A2		A2											
8											A1	91+665	A1											
											A2		A2											
9											A1	92+047	A1											
											A2		A2											
10											A1	92+862	A1											
											A2		A2											
11											A1	93+118	A1											
											A2		A2											
12											A1	93+354	A1											
											A2		A2											
13											A1	94+345	A1											
											A2		A2											
14											A1	94+814	A1											
											A2		A2											
15											A1	94+925	A1											
											A2		A2											
16											A1	96+430	A1											
											A2		A2											
17											A1	96+692	A1											
											A2		A2											
18											A1	96+951	A1											
											A2		A2											
19											A1	98+374	A1											
											A2		A2											
20											A1	98+444	A1											
											A2		A2											
21											A1	99+443	A1											
											A2		A2											
22											A1	99+517	A1											
											A2		A2											
23											A1	99+693	A1											
											A2		A2											
24											A1	99+895	A1											
											A2		A2											
25											A1	100+477	A1											
											A2		A2											
26											A1	100+666	A1											
											A2		A2											
27											A1	100+864	A1											
											A2		A2											
28											A1	101+061	A1											
											A2		A2											
29											A1	101+192	A1											
											A2		A2											
30											A1	101+383	A1											
											A2		A2											
31											A1	101+538	A1											
											A2		A2											
32											A1	101+883	A1											
											A2		A2											
33											A1	102+969	A1											
											A2		A2											
34											A1	103+662	A1											
											A2		A2											
35											A1	103+918	A1											
											A2		A2											
36											A1	104+744	A1											
											A2		A2											
37											A1	104+941	A1											
											A2		A2											
38											A1	105+088	A1											
											A2		A2											

1	Not Available	
2	In Progress	
3	Completed	

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**9.5.3 Status of Minor Bridge**

Sl.no.	LHS					Minor Bridge Chainage	RHS				
	Super-structure	Sub-structure	Foundation	Excavation	Abutment		Abutment	Excavation	Foundation	Sub-structure	Super-structure
1					A1	87+787	A1				
					A2		A2				
2					A1	89+543	A1				
					A2		A2				
3					A1	89+568	A1				
					A2		A2				
4					A1	90+543	A1				
					A2		A2				
5					A1	92+714	A1				
					A2		A2				
6					A1	95+595	A1				
					A2		A2				
7					A1	97+102	A1				
					A2		A2				
8					A1	97+458	A1				
					A2		A2				
9					A1	97+673	A1				
					A2		A2				
10					A1	97+782	A1				
					A2		A2				
11					A1	98+267	A1				
					A2		A2				
12					A1	98+508	A1				
					A2		A2				
13					A1	98+631	A1				
					A2		A2				
14					A1	99+045	A1				
					A2		A2				
15					A1	99+247	A1				
					A2		A2				
16					A1	102+109	A1				
					A2		A2				
17					A1	102+508	A1				
					A2		A2				
18					A1	103+116	A1				
					A2		A2				
19					A1	103+437	A1				
					A2		A2				
20					A1	103+784	A1				
					A2		A2				
21					A1	104+443	A1				
					A2		A2				
22					A1	105+378	A1				
					A2		A2				
23					A1	105+697	A1				
					A2		A2				
24					A1	106+306	A1				
					A2		A2				
1	Not Available			1							
2	In Progress										
3	Completed										

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**9.5.4 Status of VUP**

SN	LHS							VUP Chainage	RHS							
	Miscellaneous Item	Crash Barrier	Approach Slab	Desk Slab	Sub-structure	Foundation	Layout & Excavation		Abutment	Layout & Excavation	Foundation	Sub-structure	Desk Slab	Approach Slab	Crash Barrier	Miscellaneous Item
1								A1	97+000	A1						
								A2		A2						
2								A1	100+290	A1						
								A2		A2						

1	Not Available	1
2	In Progress	
3	Completed	

**9.5.5 Status of LVUP**

SN	LHS								LVUP Chainage	RHS										
	Miscellaneous Item	Crash Barrier	Approach Slab	RCC Top Slab	Abutment Wall	Bottom Slab Haunch	Raft	PCC/Granular Bed		Layout & Excavation	Abutment	Layout & Excavation	PCC/Granular Bed	Raft	Bottom Slab Haunch	Abutment Wall	RCC Top Slab	Approach Slab	Crash Barrier	Miscellaneous Item
1									A1	88+886	A1									
									A2		A2									
2									A1	92+248	A1									
									A2		A2									
3									A1	94+625	A1									
									A2		A2									
4									A1	98+586	A1									
									A2		A2									

1	Not Available	1
2	In Progress	
3	Completed	

**CHAPTER-10  
QUALITY CONTROL AND MATERIAL**

**10.1 Quality Control**

The execution of works is mainly governed by the specified Technical Specifications for the project. The quality control of the works is required to be monitored on daily basis both at site and in the laboratory. Standard formats have been devised to control the required quality of the works. The Concessionaire Engineers are monitoring the required quality control works and maintaining the records accordingly for each item of works being executed.

**10.2 Site Laboratory**

The Site Laboratory is established at Base Camp located at CH: -88+700. All the required material tests are being conducted in the laboratory for the project road.

**10.3 Materials Testing & Third-Party Test**

The testing to be carried out in the site laboratory includes tests of soil, aggregates, cement, steel, sand, embankment fill, sub grade, granular subbase and cement concrete. The details of test conducted up to **31<sup>st</sup> March 2026** are enclosed.

**10.3.1 Soil and Aggregates**

The test reports for borrow area earth for available borrow area are approved & test reports for Aggregates are also approved for the available Quarry.

**10.3.2 Cement**

The Concessionaire is using approved sources of Cement as Dalmia Cement (OPC 53 Grade), Star Cement (OPC 53 Grade) & Max Cement (OPC 53 Grade) for the project work.

**10.3.3 Reinforcement Steel**

The Concessionaire is using approved sources of TMT from M/s Rashmi Metaliks Limited, M/s Shyam Steel Industries limited, M/s SRMB Srijan Private Limited, M/s Shyam Metaliks and Energy Limited Elegant Steel.

**10.3.4 Status of materials source approval & Mix Design**

<b>Mix Design</b>				
<b>Sr. No.</b>	<b>Grade</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE Letter No.</b>
1.	PCC (M-10, M-15 M-20) RCC (M-20, M-25, M-30, M-35, M-35 Pile, M-40, M-45 (RCC & PSC) M-35 RE Block. (Cement- Dalmia cement)	MKCIL/ASSAM/PKG-06/188 dt. 09.04.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/38
2.	PCC (M-10, M-15 M-20) RCC (M-20, M-25, M-30, M-35, M-35 Pile, M-40, M-45 (RCC & PSC) M-35 RE Block. (Cement- Star cement)	MKCIL/ASSAM/PKG-06/188 dt.09.04.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/39
3.	RCC M-50 (RCC & PSC) (Cement- Dalmia cement)	MKCIL/ASSAM/PKG-06/579 dt. 24.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/216
4.	RCC M-35 (RCC Hume Pipe) (Cement- Dalmia cement)	MKCIL/ASSAM/PKG-06/695 dated 23.01.2026.	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/336
5.	GSB	MKCIL/ASSAM/PKG-06/631 dated 20.12.2025.	Pending	

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

<b>Cement</b>				
<b>Sr. No.</b>	<b>Brand Name</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE Letter No.</b>
1.	Black Tiger Cement	MKCIL/ASSAM/PKG-06/148 dt. 22.03.2025	Not approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/24
2.	Dalmia Cement	MKCIL/ASSAM/PKG-06/149 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/11
3.	Max Cement	MKCIL/ASSAM/PKG-06/150 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/26
4.	Star Cement	MKCIL/ASSAM/PKG-06/151 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/12
5.	Amrit Cement	MKCIL/ASSAM/PKG-06/157 dt. 24.03.2025	Not approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/27

<b>Reinforcement Steel</b>				
<b>Sr. No.</b>	<b>Brand Name</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE Letter No.</b>
1.	Rashmi Metaliks Limited	MKCIL/ASSAM/PKG-06/106 dt. 29.01.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/63
2.	Shyam Steel industries Ltd.	MKCIL/ASSAM/PKG-06/107 dt. 29.01.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/13
3.	SRMB Srijan Pvt. Ltd.	MKCIL/ASSAM/PKG-06/152 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/16
4.	Elegant Steel	MKCIL/ASSAM/PKG-06/203 dt. 19.04.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/64
5.	Shyam Metaliks & Energy Ltd.	MKCIL/ASSAM/PKG-06/175 dt. 04.04.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/313

<b>Admixture</b>				
<b>Sr. No.</b>	<b>Brand Name</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE Letter No.</b>
1.	Berger Paints Pvt. Ltd.	MKCIL/ASSAM/PKG-06/143 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/15
2.	CHRYSO India Pvt. Ltd	MKCIL/ASSAM/PKG-06/144 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/18
3.	CICO Technologies Ltd.	MKCIL/ASSAM/PKG-06/145 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/19
4.	FOSROC Chemicals (India) Ltd.	MKCIL/ASSAM/PKG-06/146 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/20
5.	Vista Chemtech Pvt. Ltd.	MKCIL/ASSAM/PKG-06/147 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/17
6.	Haxatron Industry Limited	MKCIL/ASSAM/PKG-06/580 dt. 24.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/215

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<b>GFRP Bar</b>				
<b>Sr. No.</b>	<b>Brand Name</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE letter no.</b>
(a)	Tata steel	MKCIL/ASSAM/PKG-06/272 dt. 31.05.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/58
(b)	Fibertron Composite Private	MKCIL/ASSAM/PKG-06/408 dt. 28.07.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/106

<b>Test Laboratory</b>				
<b>Sr. No.</b>	<b>Brand Name</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE letter no.</b>
1	Avian Lab	MKCIL/ASSAM/PKG-06/270 dt. 31.05.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/54
2	Delhi test house	MKCIL/ASSAM/PKG-06/154 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/10
3	Universal Lab	MKCIL/ASSAM/PKG-06/193 dt. 12.04.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/32
4	Shree Bala ji	MKCIL/ASSAM/PKG-06/194 dt. 12.04.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/31

<b>Bitumen</b>				
<b>Sr. No.</b>	<b>Brand Name</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE letter no.</b>
1	HINCOL, M/s IndianOil Total Pvt. Ltd.	MKCIL/ASSAM/PKG-6/714 dated 01.02.2026	Partially Approved	AIPPL-AYOLEEZA/IE/NHIDCL-Karimganj/PKG-06/329
2	Jalnidhi Bitumen Specialties Pvt Ltd	MKCIL/ASSAM/PKG-6/741 dated 14.02.2026	Approved	AIPPL-AYOLEEZA/IE/NHIDCL-Karimganj/PKG-06/354
3	Haxatron Industry Limited,	MKCIL/ASSAM/PKG-6/714 dated 01.02.2026	Pending	
4	G R INFRAPROJECTS Limited,	MKCIL/ASSAM/PKG-6/714 dated 01.02.2026	Pending	

<b>Geogrid, Geocell, Geocomposite /Geotextile</b>				
<b>Sr. No.</b>	<b>Brand Name</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE letter no.</b>
1	CTM	MKCIL/ASSAM/PKG-06/254 dt. 23.05.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/21
2	Suntech	MKCIL/ASSAM/PKG-06/255 dt. 23.05.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/22
3	Tech-fab	MKCIL/ASSAM/PKG-06/372 dt. 14.07.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/79
4	Maccafferri Company Profile and Credentials	MKCIL/ASSAM/PKG-06/744 dt. 15.02.2026	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/351
5	Geosys India Infrastructures limited	MKCIL/ASSAM/PKG-06/742 dt. 14.02.2026	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/352

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<b>Pre-stressing Components</b>				
<b>Sr. No.</b>	<b>Brand Name</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE letter no.</b>
1	3 Power Pre-Stressing LLP	MKCIL/ASSAM/PKG-06/520 dt. 06.10.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/182
2	JK Company	MKCIL/ASSAM/PKG-06/553 dt. 10.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/201
3	M/S Usha Martin Limited	MKCIL/ASSAM/PKG-06/702 dt. 27.01.2026	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/314

<b>Expansion Joint Sheets</b>				
<b>Sr. No.</b>	<b>Brand Name</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE letter no.</b>
1	Mageba Bridge Products Private Limited	MKCIL/ASSAM/PKG-06/559 dt. 12.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/196
2	Maurer Sanfield (India) Limited	MKCIL/ASSAM/PKG-06/560 dt. 12.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/197
3	JK Company	MKCIL/ASSAM/PKG-06/564 dt. 14.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/201

<b>Re-Bar Coupler</b>				
<b>Sr. No.</b>	<b>Brand Name</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE letter no.</b>
1	JK Company	MKCIL/ASSAM/PKG-06/563 dt. 14.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/201

<b>Wires</b>				
<b>Sr. No.</b>	<b>Brand Name</b>	<b>Letter No.</b>	<b>Status</b>	<b>IE letter no.</b>
1	DP Wires Limited Company	MKCIL/ASSAM/PKG-06/563 dt. 14.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/201

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**Monthly Laboratory Report**

**SUMMARY OF QUALITY CONTROL TEST FOR THE MONTH OF MARCH-2026**

Sr.No.	Name of test	Reference as per IS/ MoRT&H	Frequency of Tests	Total Tests Conducted upto Previous Month			No. of Tsts Conducted during this Month			No. of Tests Conducted upto this Month			No. of Tests Cecked by IE			% Checked by IE	Remarks
				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed		
				<b>LAB &amp; FIELD TEST'S</b>													
<b>(I). OGL Samples</b>		<b>IRC:36-2010</b>															
1.1	Free Swelling Index (FSI)	IS : 2720 (P-40)	1 Test / Every 500 m Interval's	62	62	0	14	14	0	76	76	0	4	4	0	28.57	
1.2	Grain size analysis	IS : 2720 (P-4)	1 Test / Every 500 m Interval's	62	62	0	14	14	0	76	76	0	2	2	0	14.29	
1.3	Liquid limits (LL)	IS : 2720 (P-5)	1 Test / Every 500 m Interval's	62	62	0	14	14	0	76	76	0	2	2	0	14.29	
1.4	Plasticity Index (PI)	IS : 2720 (P-5)	1 Test / Every 500 m Interval's	62	62	0	14	14	0	76	76	0	2	2	0	14.29	
1.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	1 Test / Every 500 m Interval's	62	62	0	14	14	0	76	76	0	3	3	0	21.43	
1.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
1.7	Field Compaction Test (OGL)	IS : 2720 (P-28)	1 Set / 3000 Sqm. (1Set = 10 Pit's)	632	602	30	122	118	4	754	720	34	15	0	0	12.30	
<b>(II). Borrow area Samples (EMB/SG)</b>		<b>MoRT&amp;H (Clause-305)</b>															
2.1	Free Swelling Index (FSI)	IS : 2720 (P-40)	2 Test's / 3000 Cum.	312	312	0	38	38	0	350	350	0	8	8	0	21.05	
2.2	Grain size analysis (GSA)	IS : 2720 (P-4)	2 Test's / 3000 Cum.	312	312	0	38	38	0	350	350	0	5	5	0	13.16	
2.3	Liquid limits (LL)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	312	312	0	38	38	0	350	350	0	8	8	0	21.05	
2.4	Plasticity Index (PI)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	312	312	0	38	38	0	350	350	0	8	8	0	21.05	
2.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	2 Test's / 3000 Cum.	312	312	0	38	38	0	350	350	0	10	10	0	26.32	
2.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	1 Test's / 3000 Cum.	158	158	0	19	19	0	177	177	0	5	5	0	26.32	
2.7	Gradation For Reinforced Soil	As Per IRC SP: 102-2014	2 Test's / 3000 Cum.	40	40	0	38	38	0	78	78	0	10	10	0	26.32	
2.8	Direct Shear Test	IS : 2720 (P-13)	1 Test's / 3000 Cum./ As Required	20	20	0	19	19	0	39	39	0	8	8	0	42.11	
2.9	Field Compaction Test (Emb)	IS : 2720 (P-28)	1 Set / 3000 Sqm. (1Set = 10 Pit's)	4447	4323	124	996	988	8	5443	5311	132	210	202	8	21.08	
2.10	Field Compaction Test (Subgrade)	IS : 2720 (P-28)	1 Set / 2000 Sqm. (1Set = 10 Pit's)	1716	1646	70	510	501	9	2226	2147	79	90	81	9	17.65	
<b>(III). Coarse Agg. for Concrete Work's</b>		<b>MoRT&amp;H Table -900-6</b>															
3.1	Gradation of Coarse Aggregate	IS : 2386 (P-1)	1 Test / Every day's work	357	357	0	31	31	0	388	388	0	12	12	0	38.71	
3.2	Flakiness Index (FI)	IS : 2386 (P-1)	1 Test for source / Weekly	48	48	0	4	4	0	52	52	0	1	1	0	25.00	
3.3	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test for source / Weekly	48	48	0	4	4	0	52	52	0	1	1	0	25.00	
3.4	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00	
3.5	Water Absorption	IS : 2386 (P-3)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00	
3.6	Deleterious Constituents	IS : 2386 (P-2)	1 Test / As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
3.7	Moisture correction	IS : 2386 (P-3)	1 Test / Day	357	357	0	31	31	0	388	388	0	10	10	0	32.26	
3.8	Soundness	IS : 2386 (P-5)	1 Test / Source	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
3.9	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
<b>(IV). Fine Agg. for Concrete</b>		<b>MoRT&amp;H Table -900-6</b>															
4.1	Gradation	IS : 383	1 Test / Every day's work	357	357	0	31	31	0	388	388	0	12	12	0.0	38.71	
4.2	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0.0	0.00	
4.3	Water Absorption	IS : 2720 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0.0	0.00	
4.4	Silt Content	IS : 383	1 Test / Weekly	45	45	0	4	4	0	49	49	0	1	1	0.0	25.00	
4.5	Moisture correction	IS : 2386 (P-3)	1 Test / Every day's work	329	329	0	28	28	0	357	357	0	10	10	0.0	35.71	

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

<b>(V). Concrete Cube's Compressive Strength Test</b>		<b>IS: 516</b>														
<b>Grade of Concrete : M-10 PCC</b>																
5.1	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	201	201	0	19	19	0	220	220	0	0	0	0	0.00
5.2	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	200	200	0	60	60	0	340	340	0	0	0	0	0.00
<b>Grade of Concrete : M-15 PCC</b>																
5.3	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	91	91	0	11	11	0	102	102	0	0	0	0	0.00
5.4	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	153	153	0	34	34	0	187	187	0	5	10	0	14.71
<b>Grade of Concrete : M-20 PCC</b>																
5.5	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5.6	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>Grade of Concrete : M-20 RCC</b>																
5.7	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5.8	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>Grade of Concrete : M-20 for KERB</b>																
5.9	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5.10	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>Grade of Concrete : M-25 RCC</b>																
5.11	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	216	216	0	49	49	0	265	265	0	5	5	0	10.20
5.12	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	476	476	0	159	159	0	635	635	0	40	40	0	25.16
<b>Grade of Concrete : M-30 RCC</b>																
5.13	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	574	574	0	81	81	0	652	652	0	12	12	0	14.81
5.14	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	1218	1218	0	218	218	0	1436	1436	0	90	90	0	41.28
<b>Grade of Concrete : M-35 RCC</b>																
5.15	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	125	125	0	37	37	0	162	162	0	8	8	0	21.62
5.16	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	319	319	0	33	33	0	352	352	0	15	15	0	45.45
<b>Grade of Concrete : M-35 Pile</b>																
5.17	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5.18	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>Grade of Concrete : M-35 RE BLOCK</b>																
5.19	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	178	178	0	4	4	0	182	182	0	0	0	0	0.00
5.20	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	473	473	0	47	47	0	520	520	0	12	12	0	25.53
<b>Grade of Concrete : M-40 RCC</b>																
5.21	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	154	154	0	30	30	0	184	184	0	5	5	0	16.67
5.22	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	411	411	0	105	105	0	516	516	0	45	45	0	42.86
<b>Grade of Concrete : M-45 RCC/PSC</b>																
5.23	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	25	25	0	9	9	0	34	34	0	2	2	0	22.22
5.24	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	37	37	0	30	30	0	67	67	0	16	16	0	53.33
<b>Grade of Concrete : M-50 RCC/PSC</b>																
5.25	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5.26	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>Grouting of PSC Girders</b>																
5.27	for 7 days	IS : 516	As per Frequency MoRT&H	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5.28	for 28 days	IS : 516	As per Frequency MoRT&H	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(VII). Cement Tests</b>																
6.1	Fineness of Cement	IS : 4031 (P-1)	1 Test Every Batch of Cement	70	70	0	5	5	0	75	75	0	3	3	0	60.00
6.2	Normal Consistency	IS : 4031 (P-4)	1 Test Every Batch of Cement	70	70	0	5	5	0	75	75	0	3	3	0	60.00
6.3	Initial Setting Time	IS : 4031 (P-5)	1 Test Every Batch of Cement	70	70	0	5	5	0	75	75	0	3	3	0	60.00
6.4	Final Setting time	IS : 4031 (P-5)	1 Test Every Batch of Cement	70	70	0	5	5	0	75	75	0	3	3	0	60.00
6.5	Compressive Strength (03 Days)	IS : 516	1 Test Every Batch of Cement	69	69	0	8	8	0	77	77	0	1	1	0	12.50
6.6	Compressive Strength (07 Days)	IS : 516	1 Test Every Batch of Cement	71	71	0	8	8	0	79	79	0	4	4	0	50.00
6.7	Compressive Strength (28 Days)	IS : 516	1 Test Every Batch of Cement	65	65	0	7	7	0	72	72	0	4	4	0	57.14
6.8	Soundness	IS : 4031 (P-3)	1 Test Every Batch of Cement	3	3	0	0	0	0	3	3	0	0	0	0	0.00
6.9	Specific Gravity	IS : 4031 (P-11)	1 Test Every Batch of Cement	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(VIII). Gravelle Sub-Base (GSR)</b>																
<b>MoRT&amp;H Clause - 401</b>																
7.1	Gradation	Table 400-2	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
7.2	Liquid Limits (LL)	IS : 2720 (P-5)	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
7.3	Plasticity Index (PI)	IS : 2720 (P-5)	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
7.4	Moisture Pric to Compaction Test	IS : 2720 (P-2)	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
7.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	1 Test Per Source / As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
7.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	1 Test Per Source / As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
7.7	Water Absorption	IS : 2720 (P-3)	1 Test Per Source / As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
7.8	Aggregate Impact Value (AIV)	IS : 2386 (P-4)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
7.9	Field Compaction Test (GSB)	IS : 2720 (P-28)	1 Set / 1000 Sqm. (1Set = 3 Pits)	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(VIII). Wet Mix Macadam (WMM)</b>																
<b>MoRT&amp;H 406</b>																
8.1	Gradation	Table 400-13	1 Test /200 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.2	Atterberg Limits (LL & PI)	IS : 2720 (P-5)	1 Test /200 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.3	Proctor test (MDD Vs OMC)	IS : 2720 (P-8)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.4	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test/ 1000 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.5	Compaction Frequency & Integration (PI & LL)	IS : 2386 (P-1)	1 Test /500 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.6	Water Absorption	IS : 2386 (P-3)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.7	Soundness	IS : 2386 (P-3)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.8	Field Compaction Test (WMM)	IS : 2720 (P-28)	1 Set / 1000 Sqm. (1Set = 3 Pits)	0	0	0	0	0	0	0	0	0	0	0	0	0.00

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

<b>(IX). Dense Bituminous Macadam (DBM)</b>																
<b>MoRT&amp;H-500</b>																
9.1	Binder Content & Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.2	Mix Combined Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.3	Marshall Test (In Sets)	ASTM-D :1559	1 Set/ 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.4	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.5	Combined Flakiness & Elongation (FI & EI)	IS : 2386 (P-1)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.6	Water Absorption & Specific Gravity	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.7	Stripping Value	IS : 6241	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.8	Maximum Sp.Gravity(Gmm)	ASTM D 2041	1 Set/ 400 MTMix	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.9	Density of compacted layer	MoRT&H Sec.900	1 Test / 700 Sq.m	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.10	Soundness	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.11	Sand equivalent test	IS : 2720 (P-37)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.12	plasticity Index	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.13	percentage of Fractured face	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.14	Polished Stone Value	BS: 812 (P-114)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(X). Bituminous Concrete (BC)</b>																
<b>MoRT&amp;H-500</b>																
10.1	Binder Content & Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.2	Mix Combined Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.3	Marshall Test (In Sets)	ASTM-D :1559	1 Tet/ 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.4	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.5	Combined Flakiness & Elongation (FI & EI)	IS : 2386 (P-1)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.6	Water Absorption & Specific Gravity	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.7	Stripping Value	IS : 6241	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.8	Maximum Sp.Gravity(Gmm)	ASTM D 2041	1 set/ 400 MTMix	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.9	Density of Compacted Layer	MoRT&H Sec.900	1 test / 700 Sq.m	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.10	Soundness	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.11	Sand equivalent test	IS : 2720 (P-37)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.12	plasticity Index	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.13	percentage of Fractured face	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.14	Polished Stone Value	BS: 812 (P-114)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(XI). Bitumen (VG-40)</b>																
11.1	Softening Point(°C)	IS : 1205	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.2	Penetration at 25°C 100gm 5 Sec	IS : 1203	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.3	Ductility at 25°C	IS : 1208	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.4	Absolute Viscosity at 60°/135°C (CST)	IS : 1206 (P-2)	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.5	Kinematic Viscosity at 135°C (CST)	IS : 1206 (P-3)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.6	Specific Gravity at 27°C	IS : 2380 (P-4)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.7	Flash Pint	IS : 1209 (IS: 1448 P-69)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
11.8	Solubility Test	IS : 1216	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>(XII). MODIFIED BITUMEN (PMB 76E-10)</b>																
12.1	Specific Gravity at 27°C	IS : 2380 (P-4)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
12.2	Softening Point (°C)	IS : 1205	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
12.3	Seperation, Difference in Softening Point (0°C)	IS : 15462: 2019	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
12.4	Elastic Recovery at 15°C	IS : 15462: 2019	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(XIII). Emulsion (SS-1)</b>																
13.1	Viscosity @ 25°C	IS : 8887:2004	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0
13.2	Water Content	IS : 8887:2004	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
13.3	Prime coat	IS : 8887:2004	3 test / Day	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(XIV). Emulsion (RS-1)</b>																
14.1	Viscosity @ 50°C	IS : 8887:2004	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0
14.2	Water Content	IS : 8887:2004	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
14.3	Tack Coat	IS : 8887:2004	3 test / Day	0	0	0	0	0	0	0	0	0	0	0	0	0.00

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

<b>THIRD PARTY TESTS (NABL ACCREDITED LABORATORY)</b>																
<b>(XV). Coarse Aggregates</b>																
15.1	Gradation	IS : 2386 (P-1)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.2	FI & EI	IS : 2386 (P-1)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.3	Aggregate Impact Value	IS : 2386 (P-4)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.4	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.5	Water Absorption	IS : 2386 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.6	Deleterious Content	IS : 2386 (P-1)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.7	L.A.V.	IS : 2386 (P-4)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.8	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.9	Soundness	IS : 2386(P-5)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.10	Petrographic Examination	IS : 2386 (P-8)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
15.11	Stone Polished Value	BS-812 (P-114)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
<b>(XVI). Fine Aggregates</b>																
16.1	Gradation	IS : 383	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.2	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.3	Water Absorption	IS : 2386 (P-3)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.4	Deleterious Content	IS : 2386 (P-1)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.5	Silt Content	IS : 2386 (P-4)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.6	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.7	Soundness	IS : 2386(P-5)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.8	Organic Impurities	IS : 2386 (P-8)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.9	Fineness Modulus	IS : 383	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
<b>(XVII). TMT Bar's (Steel)</b>																
17.1	Physical properties	IS : 1786	< 10mm - 1 sample/25 MT, 10-16mm-1sample/35 MT,	22	22	0	0	0	0	22	22	0	0	0	0	0.00
17.2	Chemical properties	IS : 1786	> 16mm - 1 sample/45 MT	22	22	0	0	0	0	22	22	0	0	0	0	0.00
<b>(XVIII). Construction Water</b>																
18.1	Suitability for construction	IS : 456	1 Test Per Source / As Required	1	1	0	0	0	0	1	1	0	0	0	0	0.00
<b>(XIX). Chemical Admixture</b>																
19.1	Physical & Chemical properties	IS : 9103	1 Test/ Per Lot	2	2	0	0	0	0	2	2	0	0	0	0	0.00
<b>(XX). Cement (OPC-53 Grade)</b>																
20.1	Physical & Chemical properties	IS : 8112	1 Test / Source	5	5	0	0	0	0	5	5	0	0	0	0	0.00
<b>(XXI). Soil - Borrow Area</b>																
21.1	Mechanical	IS : 2720 (P-39)	1 Test / Source	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(XXII). NP-4 Hume Pipe Test</b>																
22.1	600 MM	IS : 458	1 test per Lot /of 50 Pipes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(XXIII). Bitumen (Emulsion)</b>																
23.1	Bitumen Emulsion SS-1	IS : 8887	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
23.2	Bitumen Emulsion RS-1	IS : 8887	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(XXIV). Bitumen (VG-40)</b>																
24.1	Bitumen VG-40	IS : 73	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(XXV). Bitumen (PMB)</b>																
25.1	Bitumen PMB	IS : 15462-2019	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(XXVI). Curing Compound</b>																
26.1	Physical & Chemical properties	ASTM C309	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>(XXVII). Soil</b>																
26.1	Direct Shear Test	IS : 2720 (P-13)	As per Source 1 Test/ As Required	3	3	0	0	0	0	3	3	0	0	0	0	0.00
26.2	SBC Test (by PLT)	IS : 1888-2021	As per Source 1 Test/ As Required	9	9	0	0	0	0	9	9	0	0	0	0	0.00
<b>(XXVIII). GeoGrid</b>																
27.1	GeoGrid	IS : 16474-2019	As per Source 1 Test/ As Required	3	3	0	0	0	0	3	3	0	0	0	0	0.00
<b>(XXIX). HT Strand (LRPC)</b>																
28.1	HT Strand (LRPC)	IS : 14268/2022	As per Source 1 Test/ As Required	1	1	0	0	0	0	1	1	0	0	0	0	0.00

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**CHAPTER-11  
CORRESPONDENCE**

**11.1 Outward Letter**

Sr.no.	Letter no.	Date	Subject	To
1	MKCIL/ASSAM/PKG-06/782	06.03.2026	Regarding Compliance for the Observation on Proposed Modification in Pavement Composition	TL (AIPPL)
2	MKCIL/ASSAM/PKG-06/783	06.03.2026	Regarding submission of third-party test report for safe bearing capacity	TL (AIPPL)
3	MKCIL/ASSAM/PKG-06/785	07.03.2026	Submission of Monthly Progress Report for the month of February -2026".	TL (AIPPL)
4	MKCIL/ASSAM/PKG-06/786	07.03.2026	Regarding Submission of Design & Drawing for Ground Improvement by PVD at VUP Ch. 100+290	TL (AIPPL)
5	MKCIL/ASSAM/PKG-06/790	09.03.2026	Maintenance and repairing of existing highway	TL (AIPPL)
6	MKCIL/ASSAM/PKG-06/793	11.03.2026	Submission of Payment Milestone -V (5th)"	TL (AIPPL)
7	MKCIL/ASSAM/PKG-06/795	12.03.2026	Intimation of additional Culverts identified during joint site inspection	TL (AIPPL)
8	MKCIL/ASSAM/PKG-06/796	12.03.2026	Regarding submission of reports for angle of friction and Arrangement of light weight Plate compactor for Reinforced Fill in RE wall	TL (AIPPL)
9	MKCIL/ASSAM/PKG-06/800	13.03.2026	Regarding Submission of Concrete Mix design of M-20 grade of concrete for laying of kerb	TL (AIPPL)
10	MKCIL/ASSAM/PKG-06/803	14.03.2026	Submission of Fund Utilization CA Certificate up to February 2026". – Reg.	GM (NHIDCL)
11	MKCIL/ASSAM/PKG-06/806		Reminder: Non-Availability of Encumbrance-Free Right of Way (ROW)". – Reg	TL (AIPPL)
12	MKCIL/ASSAM/PKG-06/810	19.03.2026	Regarding Submission of Design and Drawing for additional Box Culvert at Ch. 93+850 & 96+130 (1x4x3m)	TL (AIPPL)
13	MKCIL/ASSAM/PKG-06/811	19.03.2026	Regarding Compliances of Observations on Plan & Profile as Per Contract Agreement.	TL (AIPPL)
14	MKCIL/ASSAM/PKG-06/814	20.03.2026	Maintenance and repairing of existing highway	TL (AIPPL)
15	MKCIL/ASSAM/PKG-06/818	23.03.2026	Intimation of Force Majeure (Non-Political Event) under Clause 28.2 of Article 28 – Impact of Unseasonal Rainfall	TL (AIPPL)
16	MKCIL/ASSAM/PKG-06/819	23.03.2026	Regarding Submission of Third-Party Test Report of Steel	TL (AIPPL)
17	MKCIL/ASSAM/PKG-06/820	23.03.2026	Regarding Submission of Third-Party Test Report of Star Cement	TL (AIPPL)
18	MKCIL/ASSAM/PKG-06/821	23.03.2026	Regarding Submission of Third-Party Test Report of Dalmia Cement	TL (AIPPL)

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

19	MKCIL/ASSAM/PKG-06/822	23.03.2026	Regarding Submission of Third-Party Test Report of HS Rheocrete RV 213MK Admixture	TL (AIPPL)
20	MKCIL/ASSAM/PKG-06/823	23.03.2026	Submission of third-party test reports of SEL-TIGER brand of M/s Shyam metallics & energy Ltd.) for source approval	TL (AIPPL)
21	MKCIL/ASSAM/PKG-06/828	27.03.2026	“Notice of Delay in Commencement Permission and Intimation for Entitlement to EOT	GM (NHIDCL)
22	MKCIL/ASSAM/PKG-06/829	27.03.2026	Regarding Submission of details of borrow area for approval	TL (AIPPL)
23	MKCIL/ASSAM/PKG-06/830	27.03.2026	Request for Grant of Priority Status and Issuance of Necessary Directions for Ensuring Uninterrupted Supply of Diesel, Petrol and LPG for Project Execution during continues war situation in west Asia and petroleum outlets restriction	GM (NHIDCL)
24	MKCIL/ASSAM/PKG-06/833	28.03.2026	Request for Facilitation of Forest Department Permission for Night Shift Work	GM (NHIDCL)
25	MKCIL/ASSAM/PKG-06/836	31.03.2026	Request for Joint Site Visit – MNB Structure at Chainage 106+306 (Gas Pipeline)	GM (NHIDCL)
26	MKCIL/ASSAM/PKG-06/837	31.03.2026	Regarding Submission of Revised Design & Drawing for Box Culvert at Ch.104+941 (1x2x2)	TL (AIPPL)

**11.2. Inward Letter AIPPL**

Sr.no.	Letter no.	Date	Subject	From
1	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/379	03.03.2026	Notification of MNB at Ch. 106+258 in accordance with the attached drawing.	AIPPL-AYOLEEZA (JV)
2	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/380	05.03.2026	Return of Utility Crossing Drawing due to non-project-specific details and noncompliance with IRC:37-2018 & IRC: SP:84-2019	AIPPL-AYOLEEZA (JV)
3	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/381	05.03.2026	Non-availability of mandatory safety equipment, PPE and traffic safety arrangements at site, stores and plants - serious safety non compliance - reg.	AIPPL-AYOLEEZA (JV)
4	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/384	06.03.2026	Proposal for Change of Scope (COS) for modification of pavement configuration of Service/Slip Roads - reg.	AIPPL-AYOLEEZA (JV)
5	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/385	06.03.2026	Authority's Observations on Proposed Modification in Pavement Composition - Submission of Compliance - Reg.	AIPPL-AYOLEEZA (JV)
6	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/386	06.03.2026	Submission of SBC Test Results for RE Wall Locations and commencement of work- reg.	AIPPL-AYOLEEZA (JV)
7	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/387	06.03.2026	Submission of Weekly Progress Report.	AIPPL-AYOLEEZA (JV)
8	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/388	07.03.2026	Clarification regarding RFIs raised for Prefabricated Vertical Drain (PVD) installation and requirement of prior approvals.	AIPPL-AYOLEEZA (JV)
9	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/389	07.03.2026	Submission of complete RFI Register and Status from 07 March 2025 (Project Appointment Date) to 28th Feb 2026 – Reg.	AIPPL-AYOLEEZA (JV)
10	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/390	09.03.2026	Submission of Compliance by Concessionaire against Observations on Proposed Modification in Pavement Composition - Reg.	AIPPL-AYOLEEZA (JV)

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

11	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/391	10.03.2026	Regarding Monthly Progress Report for the Month of February 2026.	AIPPL-AYOLEEZA (JV)
12	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/392	10.03.2026	Reminder regarding submission of Test Report for Angle of Friction and Arrangement of Light Weight Plate Compactor for Reinforced Fill in RE Wall.	AIPPL-AYOLEEZA (JV)
13	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/393	10.03.2026	Review & Comments of Independent Engineer Regarding Submission of Monthly Progress Report for the Month of February 2026.	AIPPL-AYOLEEZA (JV)
14	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/394	12.03.2026	Non-availability of Printed Batching Plant Reports for Structural Concrete Works – Reg.	AIPPL-AYOLEEZA (JV)
15	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/397	14.03.2026	Non-Conformance Report (NCR)No.11/2026 – Improper Compaction of Reinforced Fill behind RE Wall	AIPPL-AYOLEEZA (JV)
16	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/400	16.03.2026	Continued use of Scrapped Pavement Material in Highway Works despite earlier IE instruction	AIPPL-AYOLEEZA (JV)
17	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/401	16.03.2026	Retaining Wall construction without compliance of IE observations. - Reg.	AIPPL-AYOLEEZA (JV)
18	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/402	16.03.2026	Submission of Weekly Progress Report.	AIPPL-AYOLEEZA (JV)
19	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/403	17.03.2026	Verification of Raft Slope orientation at Minor Bridge at Chainage 87+794 – Reg.	AIPPL-AYOLEEZA (JV)
20	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/404	20.03.2026	Reminder of Authority issued vide Letter No. 664 and directions for strict compliance	AIPPL-AYOLEEZA (JV)
21	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/406	20.03.2026	Submission of Weekly Progress Report.	AIPPL-AYOLEEZA (JV)
22	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/407	23.03.2026	Review of Work Zone Traffic Management Plan (WTMP) – reg.	AIPPL-AYOLEEZA (JV)
23	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/408	23.03.2026	Return of Payment Milestone-V (5th) submission due to discrepancies in physical progress and supporting documents.	AIPPL-AYOLEEZA (JV)
24	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/411	27.03.2026	Approval of Design & Drawings for Ground Improvement by (PVD) at VUP Ch 100+290	AIPPL-AYOLEEZA (JV)
25	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/412	27.03.2026	Submission of Profile and Credentials of M/S DP Wires Limited Company Profile and Credentials for Approval	AIPPL-AYOLEEZA (JV)
26	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/414	27.03.2026	Non-submission of RFI and execution of works without inspection since 17 March 2026 – reg.	AIPPL-AYOLEEZA (JV)
27	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/415	28.03.2026	Submission of Weekly Progress Report.	AIPPL-AYOLEEZA (JV)
28	AIPPL-AYOLEEZA/IE/NHIDCL/K arimganj/PKG-06/416	30.03.2026	Forwarding of Request for Grant of Priority status and issuance of Necessary Directions for Ensuring Uninterrupted supply of Diesel, Petrol and LPG for project Execution due to war situation & petroleum supply restrictions	AIPPL-AYOLEEZA (JV)

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**11.3. Inward Letter NHIDCL**

Sr.no.	Letter no.	Date	Subject	From
1	NHIDCL/PMU-Karimganj/MKC/Pkg-6/2026-27/ 644	03.03.2026	COS Notice for change of Service Road composition - reg.	NHIDCL (PMU-Karimganj)
2	NHIDCL/PMU-Karimganj/MKC/Pkg-6/2026-27/ 646	05.03.2026	Forwarding of observation on proposal for modification in Pavement composition -reg.	NHIDCL (PMU-Karimganj)
3	NHIDCL/PMU-Karimganj/MKC/Pkg-6/2026-27/ 659	19.03.2026	COS Notice for construction of Toe wall under Change of Scope (COS)-Submission of Design and Estimate-reg.	NHIDCL (PMU-Karimganj)
4	NHIDCL/PMU-Karimganj/MKC/Pkg-6/2026-27/ 664	19.03.2026	Reminder for submission of chainage wise details of cutting & filling quantity of approved and to be approved PNP and Verification of FRL-reg.	NHIDCL (PMU-Karimganj)
5	NHIDCL/PMU-Karimganj/MKC/Pkg-6/2026-27/ 668	25.03.2026	Return of revised cot estimate (COS-R2) for AUP at ch-104+450 (reg.	NHIDCL (PMU-Karimganj)
6	NHIDCL/PMU-Karimganj/MKC/Pkg-6/2026-27/ 670	25.03.2026	Submission sanction order -reg.	NHIDCL (PMU-Karimganj)
7	NHIDCL/PMU-Karimganj/MKC/Pkg-6/2026-27/ 675	25.03.2026	Mobilisation of intermittant staff at respective Project Site-reg.	NHIDCL (PMU-Karimganj)
8	NHIDCL/PMU-Karimganj/MKC/Pkg-6/2026-27/ 685	30.03.2026	Regarding request for facilitation of permission for Night shift work-reg	NHIDCL (PMU-Karimganj)

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**CHAPTER-12**

**Force Majeures**

**12.1 Force Majeures-** Due to certain non-political event the overall progress of the Project is being obstructed, the details of non-political event are as mentioned in terms of correspondence below.

<b>SN</b>	<b>Letter no.</b>	<b>Date</b>	<b>Subject</b>	<b>To</b>
1	MKCIL/ASSAM/PKG-06/818	23.03.2026	Intimation of Force Majeure (Non-Political Event) under Clause 28.2 of Article 28 – Impact of Unseasonal Rainfall	TL (AIPPL)

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**CHAPTER-13**

**NON-CONFORMANCE REPORT**

<b>Sr. No.</b>	<b>NCR No.</b>	<b>Description</b>	<b>Letter No.</b>	<b>Date</b>	<b>Status</b>	<b>Remarks</b>
1	NCR No. 1	Non-Compliance with Approved Concrete Mix Design- Variations in Concrete Admixtures.	AIPPL/AYOLEEZA/I E/NHIDCL/Karimganj /PKG-06/243	19.12.2025	Pending	
2	NCR No. 2	Item of Work: Reinforced Earth (RE) Wall - Block Erection & Backfilling Works. Chainage 92+100 To 92+220 LHS & 88+700 To 88+810 RHS.	AIPPL/AYOLEEZA/I E/NHIDCL/Karimganj /PKG-06/263	03.01.2026	Pending	
3	NCR No. 3	For the use of unapproved TMT Reinforcement steel at the site. Location / Chainage: 98+770 to 98+820 (LHS) Structure / Item of Work: TOE WALL.	AIPPL/AYOLEEZA/I E/NHIDCL/Karimganj /PKG-06/264	03.01.2026	Pending	
4	NCR No. 4	For the Use of Unapproved TMT Reinforcement Steel at the Site. Location/Chainage: Ch. 98+267, LHS & 92+745 RHS Structure / Item of Work: Minor Bridge - MNB Raft (Main Bars: Vertical & Binders)	AIPPL/AYOLEEZA/I E/NHIDCL/Karimganj /PKG-06/273	07.01.2026	Pending	
5	NCR No. 5	" For the use of Unapproved TMT Reinforcement Steel at the Site. Location/ Chainage: 98+300 to 98+350 (LHS).	AIPPL/AYOLEEZA/I E/NHIDCL/Karimganj /PKG06/279	09.01.2026	Pending	
6	NCR No. 6	Item of Work: Reinforced Earth (RE) Wall - Block Erection & Backfilling Works. Reinforced Earth (RE Block) Wall - Backfilling & Geogrid Placement CH Km 88+800 to 88+880 (RHS) (13th Layer).	AIPPL/AYOLEEZA/I E/NHIDCL/Karimganj /PKG06/285	09.01.2026	Pending	
7	NCR No. 7	Non-Compliance with Approved Concrete Mix Design- Variations in Concrete Admixtures, Precast Crash Barrier & Friction Slab – M-40 Grade Concrete.	AIPPL/AYOLEEZA/I E/NHIDCL/Karimganj /PKG06/288	12.01.2026	Pending	
8	NCR No. 8	Precast Crash barrier/friction slab concrete elements – Surface Finish & Repair Works Location / Chainage: Ch. 95+350 RHS, 97+550 RHS.	AIPPL/AYOLEEZA/I E/NHIDCL/Karimganj /PKG06/289	12.01.2026	Pending	
9	NCR No. 9	Filter Media for RE Wall Backfilling Location & Chainage: Ch.88+886, 92+248 & 94+625 (LVUP).	AIPPL/AYOLEEZA/I E/NHIDCL/Karimganj /PKG06/291	13.01.2026	Pending	
10	NCR No. 10	NCR No. 10/2026 Non-Compliance in Casting of RCC Hume Pipes (600- & 1200-mm Dia NP4) at casting yard Ch No-95+100 (RHS) Borrow Area – Casting Without Approved Concrete Mix Design, Without Contractual Compliance and Using Site-Mixed Concrete at Casting.	AIPPL/AYOLEEZA/I E/NHIDCL/Karimganj /PKG-06/300	22.01.2026	Pending	
11	NCR No. 11	Non-Conformance Report (NCR)No.11/2026 – Improper Compaction of Reinforced Fill behind RE Wall	AIPPL/AYOLEEZA/I E/NHIDCL/Karimganj /PKG-06/397	14.03.2026	Pending	

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**CHAPTER-14**  
WEATHER REPORT

Sl no.	Date	Temperature (In °c)		Humidity (In %)		Rainfall (mm)	Weather Condition	Remarks
		Minimum	Maximum	Minimum	Maximum			
1	01-03-2026	18.8	24.1	69.0	91.0	0.0	Sunny	
2	02-03-2026	21.8	24.8	71.0	83.0	0.0	Sunny	
3	03-03-2026	22.3	24.9	70.0	85.0	0.0	Sunny	
4	04-03-2026	23.1	25.6	71.0	86.0	0.0	Sunny	
5	05-03-2026	22.9	25.3	66.0	78.0	0.0	Sunny	
6	06-03-2026	23.8	26.0	64.0	80.0	0.0	Sunny	
7	07-03-2026	23.6	25.3	67.0	75.0	0.0	Sunny	
8	08-03-2026	23.9	26.2	70.0	77.0	0.0	Sunny	
9	09-03-2026	24.1	26.8	72.0	84.0	0.0	Sunny	
10	10-03-2026	24.9	27.0	69.0	76.0	0.0	Sunny	
11	11-03-2026	23.8	28.6	66.0	89.0	0.0	Sunny	
12	12-03-2026	24.9	26.9	72.0	81.0	29.0	Cloudy/Rainy	
13	13-03-2026	23.5	26.1	70.0	79.0	25.0	Cloudy/Rainy	
14	14-03-2026	21.2	24.0	72.0	77.0	19.0	Cloudy/Rainy	
15	15-03-2026	21.0	23.9	75.0	79.0	16.4	Cloudy/Rainy	
16	16-03-2026	20.8	23.5	76.0	83.0	39.0	Sunny/Rainy	
17	17-03-2026	22.9	25.1	75.0	84.0	0.0	Sunny	
18	18-03-2026	21.7	24.3	74.0	80.0	35.6	Sunny/Rainy	
19	19-03-2026	23.2	25.0	76.0	82.0	0.0	Sunny	
20	20-03-2026	22.0	24.2	74.0	84.0	9.6	Sunny/Rainy	
21	21-03-2026	21.8	24.1	73.0	80.0	18.0	Sunny/Rainy	
22	22-03-2026	23.0	25.2	72.0	83.0	0.0	Sunny	
23	23-03-2026	22.2	24.8	74.0	83.0	0.0	Sunny	
24	24-03-2026	23.1	25.3	73.0	82.0	11.0	Sunny/Rainy	
25	25-03-2026	23.8	26.8	74.0	85.0	0.0	Sunny	
26	26-03-2026	23.2	25.3	66.0	72.0	0.0	Sunny	
27	27-03-2026	23.4	26.3	71.0	80.0	0.0	Sunny/Cloudy	
28	28-03-2026	22.9	24.5	76.0	82.0	21.0	Sunny/Rainy	
29	29-03-2026	23.1	25.9	78.0	85.0	106.2	Cloudy/Rainy	
30	30-03-2026	24.2	27.8	77.0	86.0	15.0	Cloudy/Rainy	
31	31-03-2026	24.8	27.7	76.0	89.0	0.0	Sunny	

Rainfall Data					
SN	Description	Total Rainfall(mm)	Up to previous month(mm)	This month(mm)	Remark
1	Rainfall	4774.7	4429.9	344.8	

The maximum & minimum weather records are summarized below:

TEMPERATURE/ RAINFALL PERIOD: 1 <sup>st</sup> March, 2026 to 31 <sup>st</sup> March, 2026				
Temperature		Rainfall		
Maximum (in °C)	Minimum (in °C)	Maximum (in mm)	Minimum (in mm)	Total Days
28.6	18.8	106.2	9.60	12

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

**CHAPTER-15  
ACCIDENT REPORT**

**NIL**

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**

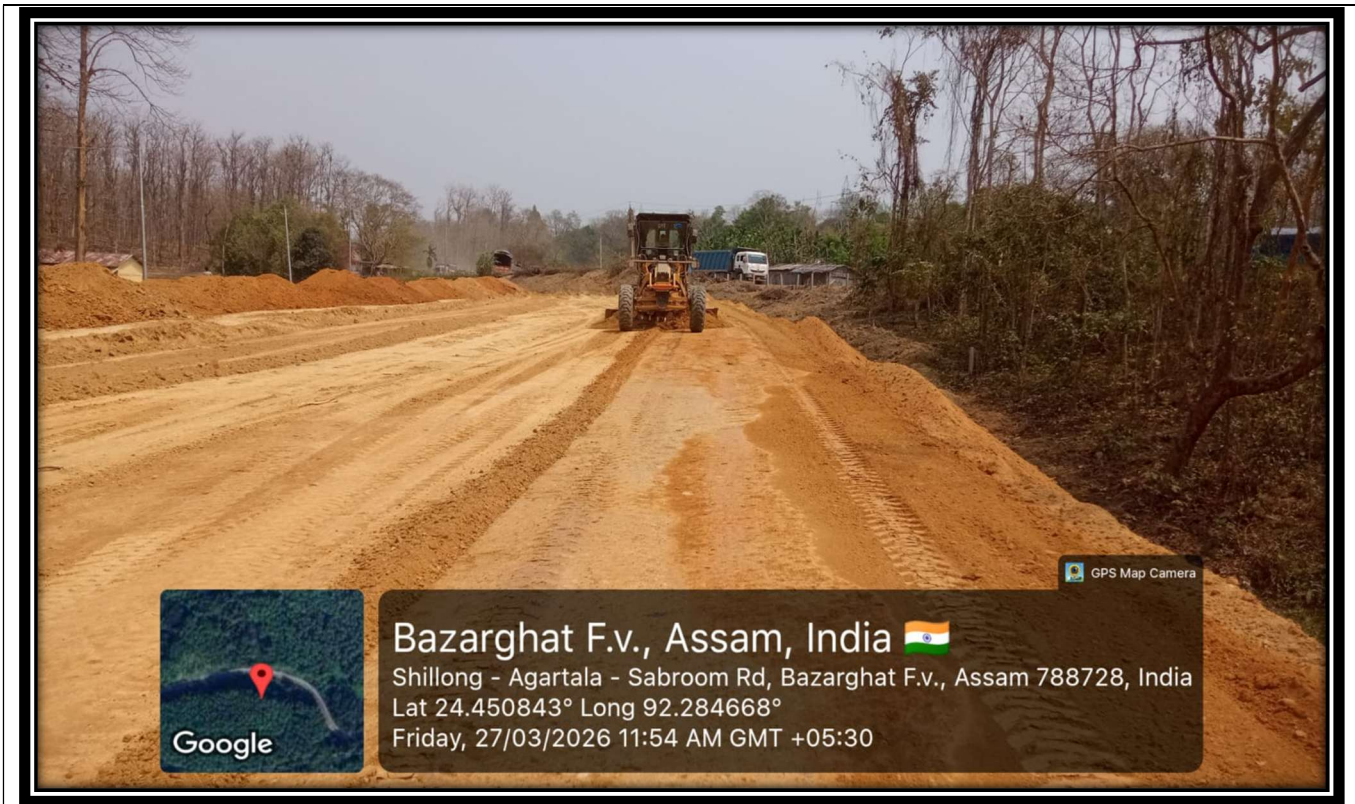
**CHAPTER-16**

**ROAD MAINTENANCE & SAFETY REPORT**

The Traffic Safety Arrangements during the execution of works is being carried out by the Concessionaire for safe movement of vehicles on the project highway. The Concessionaire has provided sufficient road signs, temporary barriers, gunny bags filled with soil with reflective stickers etc. at the construction sites.

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)

CHAPTER-17



SG Top Layer Grading work in progress at Ch.- 102+680 to 102+810 LHS



Factory Visit Hume Pipe NP4 Jointly visit With IE Representative (AIPPL)

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**



**GSB Top Layer work in progress at Ch- 97+850 To 98+010 LHS MCW.**



**Site Visit, Minister of State, Road Transport and Highway**

**Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)**



GPS Map  
Camera Lite

Shillong - Agartala - Sabroom Rd, Longai Forest, Assam 788726, India 

Latitude  
24.55497556°

Longitude  
92.31135188°

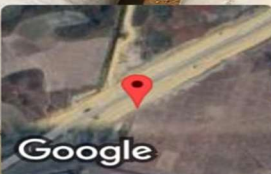
Local 09:00:45 AM  
GMT 03:30:45 AM


Altitude 27 meters  
Sunday, 29.03.2026

**Retaining Wall 3<sup>rd</sup> Lift work in progress at Ch.- 88+360 to 88+380 RHS**



GPS Map Camera



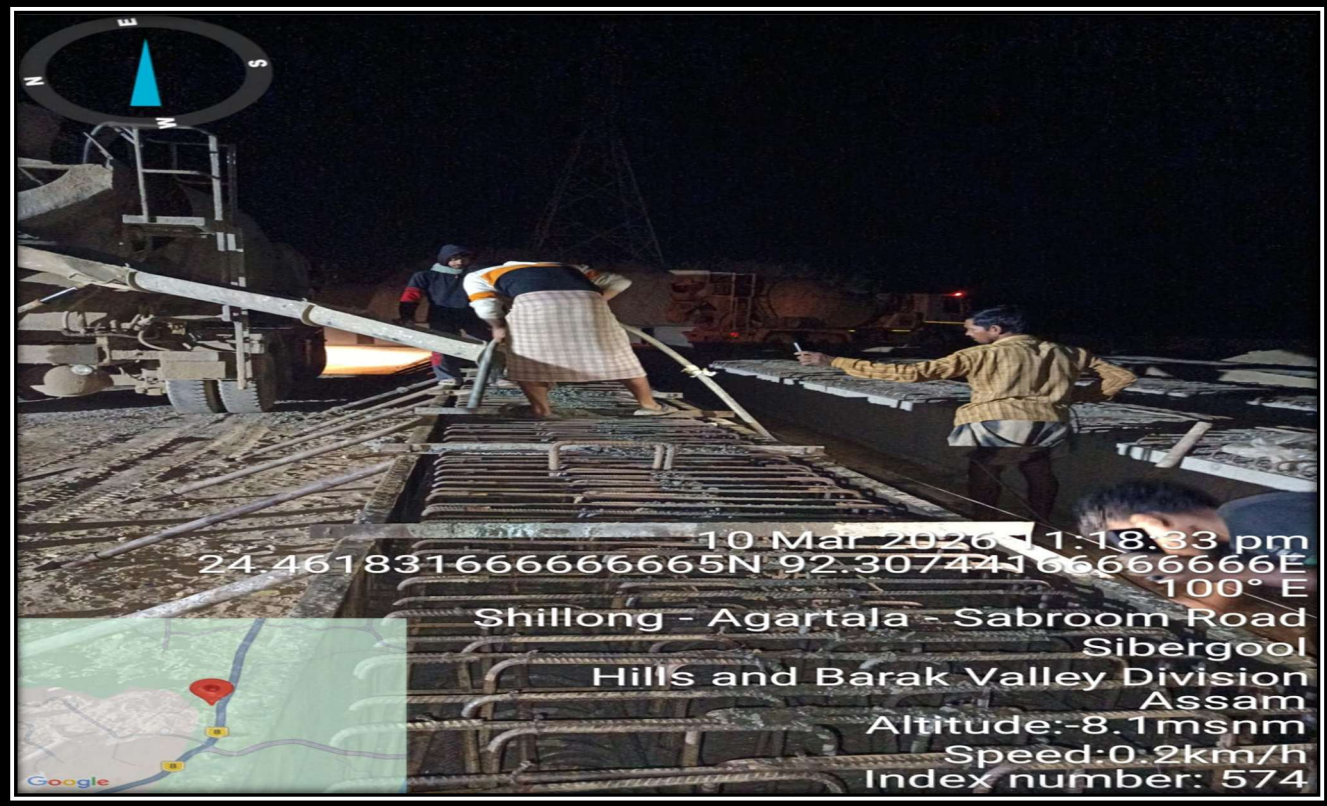
**Sribhumi, Assam, India** 

Shillong - Agartala - Sabroom Rd, Assam 788726,  
India, Sribhumi, Assam 788726, India

Lat 24.483428° Long 92.316796°  
Thursday, 02/04/2026 10:46 AM GMT +05:30

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)

Hume Pipe Erection Work In Progress at CH-97+381 RHS



VUP PSC Plank Concrete pouring work in progress at Ch.-100+100 Casting yard RHS



Box Culvert back filling rolling work in progress at CH- 100+680 LHS