



Ref No. MKCIL/ASSAM/PKG-6/415

Date:07.08.2025

To,
The Team Leader
M/S Agnitio Infrastructure Projects Pvt. Ltd. JV
with Ayoleeza Consultants Pvt. Ltd.,
Kamakhya Jewellers, Near Play Field,
Nilam Bazar, District- Karimganj, Assam.
Karimganj, Assam-788711.
Email id: - iebadarpurassampkg06@gmail.com

Subject: 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) – **“Submission of Monthly Progress Report for the month of July-2025”**.

Ref.:

1. LOA- NHIDCL/Procurement/Assam/2023-24/229226/3086 dated 11.03.2024
2. Concession Agreement dated 31st May 2024

Dear Sir,

With reference to above cited subject, we are herewith submitting the Monthly Progress Report for the month of July, 2025 as per Clause 13.1 of Article 13 of Concession Agreement for your kind review and concurrence please.

Assuring you of our best services at all times.

**Thanking you,
Your sincerely,**

Project Manager



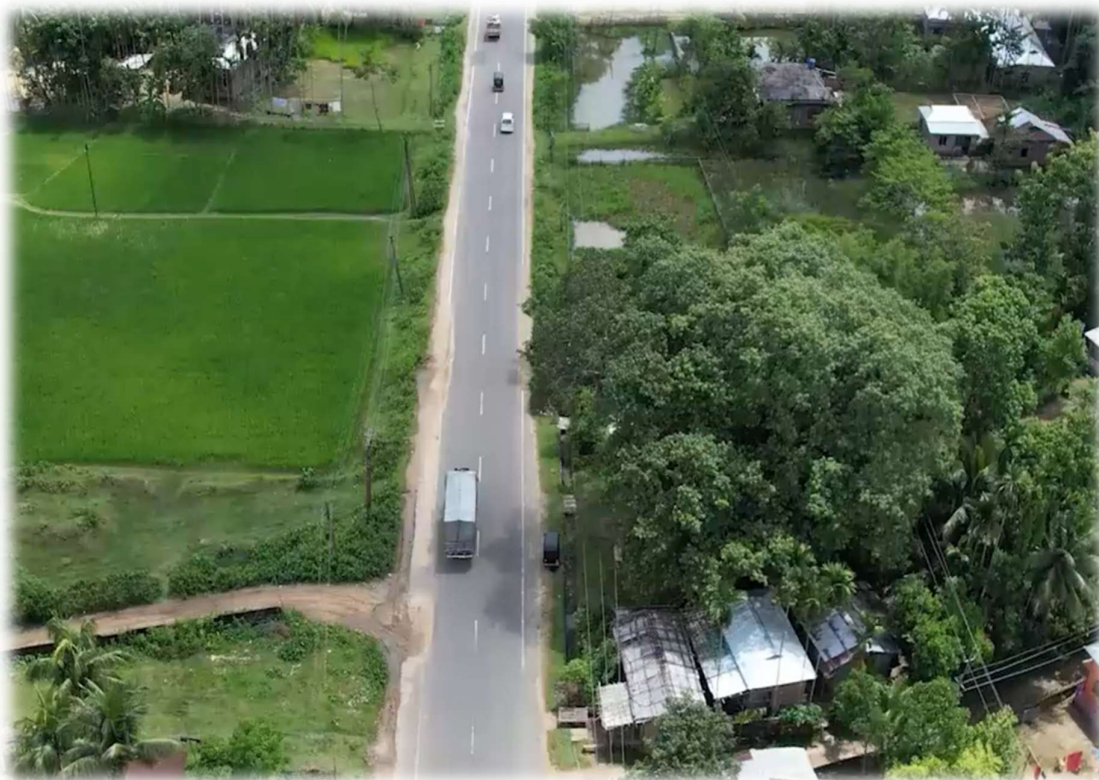
MKC Badarpur Churaibari Kamakhya Highways Private Limited.

Encl.: As Above

Copy to: General Manager, NHIDCL, PMU-Karimganj, 2nd Floor, Bipin Paul Road, Ward No.- 24, Opp. Basak House, Karimganj, Assam- 788711, Email id- pmukarimganj@gmail.com

Monthly Progress Report

July-2025



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

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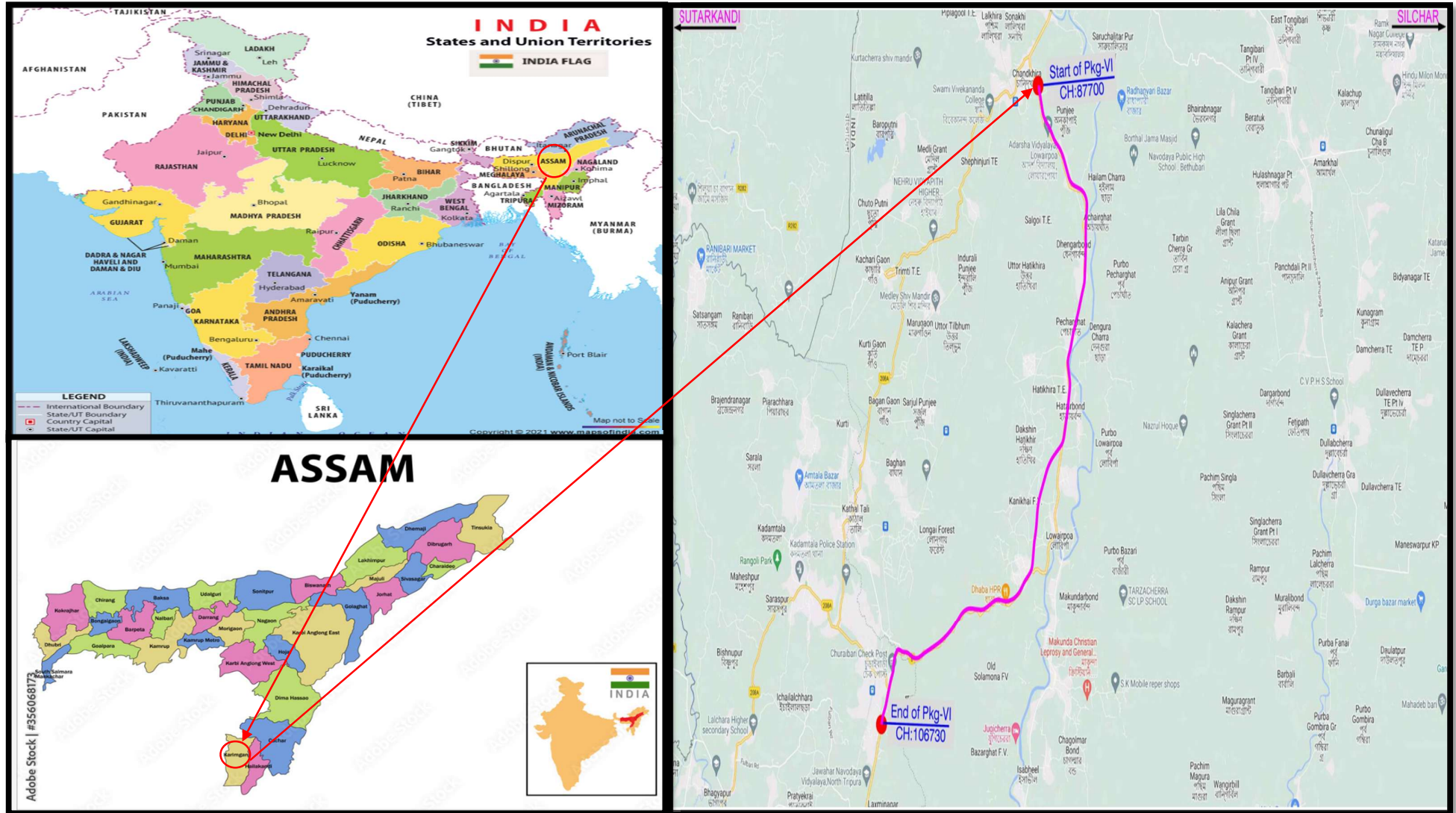
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Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)

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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)

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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 RHS (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.

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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6. Design and Drawing

The status of approval of Working Drawings for road works and structures submitted to Authority as on dated 31-03-2025 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	SqM.	52300.00	0.00	0.00	52300.00	
4.	Minor Bridge	Nos.	24.00	16.00	16.00	8.00	
5.	Underpass	Nos.	6.00	6.00	6.00	0.00	
6.	Box-Culvert	Nos.	38.00	36.00	36.00	2.00	
7.	HPC	Nos.	10.00	6.00	6.00	4.00	

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)

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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)

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

Procurement of ROW- The existing ROW and the stretches of 12.00 km. are subjected to following:

a) Stretches/ Hindered Free Land 12.310 Km out of 18.800 Km:

Stretches/ Encumbrances Free Land				Encumbrances/ Hindered Land		
Sr. No.	Side	Length (Km)	%	Side	Length (Km)	%
1.	BHS	12.31	65.00%	BHS	6.490	35.00%

b) Hindered due to Tree Cutting:

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

c) Encumbrances due to structures, boundary wall, temple etc.:

Sr. No.	Types	Chainage	Side	Remarks
1.	Grave	87+800	RHS	
2.	Small Temple without Shed	88+480	LHS	
3.	Bhagwati Temple	89+750	LHS	
4.	Vishwakarma Temple	90+390	LHS	
5.	Temple Building	92+360	LHS	
6.	Temple	92+780	LHS	
7.	Shiv & Kali Temple	94+200	RHS	
8.	Small Temple Structure	94+300	RHS	
9.	Temple	94+700	RHS	
10.	Temple	94+760	LHS	
11.	Sai Temple	95+280	RHS	
12.	Jama Masjid	95+650	RHS	
13.	Temple	95+750	RHS	
14.	Bishnu Temple	100+800	LHS	
15.	Old Temple Shed & Pipal Tree	102+610	RHS	
16.	Shiv Temple Shed	104+400	LHS	
17.	Temple Building	105+800	RHS	
18.	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)

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d) Details of Hindered Land:

DETAILS OF ENCUMBRANCES WITHIN ROW										
Sr. No	Chainage		Side	Length (mtr)	Remark	Chainage		Side	Length (mtr)	Remark
	From	To				From	To			
1	87+700	87+750	LHS	50	Structure	88+000	88+040	RHS	40	Structure
2	88+010	88+100	LHS	90	Structure	88+910	88+970	RHS	60	Structure
3	88+530	88+570	LHS	40	Structure	90+100	90+270	RHS	170	Structure
4	88+960	88+980	LHS	20	Structure	90+500	90+600	RHS	100	Structure
5	89+390	89+530	LHS	140	Structure	91+100	91+200	RHS	100	Structure
6	89+870	89+900	LHS	30	Structure	91+300	91+340	RHS	40	Structure
7	90+030	90+060	LHS	30	Structure	91+700	91+800	RHS	100	Structure
8	90+080	90+100	LHS	20	Structure	92+290	92+320	RHS	30	Structure
9	90+130	90+180	LHS	50	Structure	92+430	92+450	RHS	20	Structure
10	90+200	90+430	LHS	230	Structure	92+780	92+800	RHS	20	Structure
11	90+800	90+900	LHS	100	Structure	92+900	93+000	RHS	100	Structure
12	91+100	91+200	LHS	100	Structure	93+430	93+460	RHS	30	Structure
13	91+530	91+630	LHS	100	Structure	93+950	94+000	RHS	50	Structure
14	91+700	91+920	LHS	220	Structure	94+200	94+300	RHS	100	Structure
15	92+370	92+400	LHS	30	Structure	94+440	94+470	RHS	30	Structure
16	93+500	93+530	LHS	30	Structure	94+620	94+640	RHS	20	Structure
17	93+740	93+760	LHS	20	Structure	94+660	94+680	RHS	20	Structure
18	94+200	94+400	LHS	200	Structure	95+100	95+200	RHS	100	Structure
19	94+480	94+500	LHS	20	Structure	95+530	95+560	RHS	30	Structure
20	94+590	94+630	LHS	40	Structure	95+650	95+680	RHS	30	Structure
21	94+630	94+700	LHS	70	Structure	95+700	95+850	RHS	150	Structure
22	95+250	95+350	LHS	100	Structure	100+430	100+450	RHS	20	Structure
23	95+480	95+500	LHS	20	Structure	100+500	100+600	RHS	100	Structure
24	95+600	95+795	LHS	195	Structure	100+720	100+800	RHS	80	Structure
25	100+700	100+850	LHS	150	Structure	100+950	101+050	RHS	100	Structure
26	100+950	101+050	LHS	100	Structure	102+208	106+500	RHS	4.292	Reserve Forest Land
27	101+230	101+350	LHS	120	Structure					
28	101+920	102+000	LHS	80	Structure					
29	101+920	102+000	LHS	0.080	Structure					
30	102+208	106+500	RHS	4.292	Reserve Forest Land					
Total Hindered Length				6.687	LHS				5.932	RHS
Total Length BHS in RMT				12.619						

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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14. Current Issues:-

- 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 65% of the land is currently free from encumbrances.
- b) Schedule-G :-** The approval of Schedule-G remains pending as of now on the end of IE/Authority.
- c) Supply of material:-** The supply of materials is also being hampered due to disruption of road connectivity from Kalain to Badarpur (Gammon Bridge) and Kalain to Silichar.
- d) Water logging in PROW :-** Due to heavy rainfall, water has accumulated along almost the entire length of the project within the ROW, which has hampered construction activities.

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 / SilcharChuraibari /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)

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CHAPTER-2

CONTRACT DATA

Sr. No.	Items	Description
1.	Name of Project	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.	Project Length	18.80 km
3.	Project Bid Cost	449.81 Cr.
4.	Authority	National Highways & Infrastructure Development Corporation Limited
5.	Independent Engineer	M/s Agnitio Infrastructure Projects Pvt. Ltd. in JV with M/s Ayoleeza Consultants Pvt. Ltd.
6.	Concessionaire	MKC Badarpur Churaibari Kamakhya Highways Private limited
7.	Design Consultant	Geo Designs & Research Pvt. Ltd.
8.	DPR Consultant	Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.
9.	LOA No. & Date	NHIDCL/Procurement/Assam/2023-24/228965/3086 dated 11.03.2024
10.	Date of Concession Agreement	May 31, 2024
11.	Appointed Date	March 7, 2025
12.	Construction Period	730 days (from Appointed Date) [24-Months]
13.	Schedule Completion Date	March 7, 2027
14.	O&M Period	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)

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15	Project Milestone	
	Milestone- I	The Project Milestone-I shall occur on the date falling on the 256th (two hundred and fifty sixth) day from the Appointed Date (i.e., November 18, 2025)- (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)
	Milestone- II	438th Day from Appointed Date (i.e., May 19, 2026)- (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.).
	Milestone- III	620th Day from Appointed Date (i.e., November 17, 2026) (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).
	Scheduled Completion Date	730th Day from Appointed Date (i.e., March 7, 2027) The concessionaire shall have completed the Project in accordance with the Concession Agreement.

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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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	R-GSB	R-WMM	DBM	BC
	From	To						
MCW	87+700	106+500	18.800	500.00	205.00	185.00	50.00	30.00
				Sub-Grade	R-GSB	R-WMM	BC	
Service Road				500.00	200.00	150.00	30.00	

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	

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, 100- Culverts.
- Construction of Slip 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) Toll Plaza
- b) 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
- c) Operation and Maintenance centres
- d) Way side Amenities/ Service Areas
- e) Truck Lay-byes
- f) Bus Bay and Bus Shelter
- g) Pedestrian Facilities
- h) Highway Lighting
- i) Rainwater Harvesting
- j) Environmental Management Plan
- k) Land Scaping and Tree Plantation
- l) Advanced Traffic Management System (ATMS)
- m) Highway Petrol Unit
- n) Emergency Medical Services
- o) 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)

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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-06/342
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	Done	
2	Article 11	Shifting and Relocation Electrical Utilities	Done	
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		Any other permits or clearance	Done	
10		Labour Licence	Submit	
11	Clause 12.1	Quality Assurance Plan	Submit	MKCIL-169 dt. 01.04.2025
11		Construction Methodology	Submit	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)

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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	Remarks
1.	EHT Crossing	Nos.	8.00	Approval Pending	
2.	HT/ LT lines (including Transformers if any)	Nos.	741.00	In Progress	
3.	HT/ LT crossing	Nos.	67.00	In Progress	
4.	Water Pipeline	Km	26.98	In Progress	
5.	Water Pipeline Crossing	Nos.	24.00	In Progress	

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	
2.	Total Felling of Trees	340.00	
3.	Balance Trees	351.00	

5.4 Land Acquisition

The detailed working of Existing ROW, Proposed ROW and Land to be Acquired along the project highway are submitted by NHIDCL vide Joint Handover Memorandum on dated 7th February, 2025.

The detail of affected area for construction of the project road including various project facilities which requires prime attention to accelerate the work progress is given below.

HINDRANCE LIST – CHAINAGE WISE DETAILS

DETAILS OF ENCUMBRANCES WITHIN ROW										
Sr. No	Chainage		Side	Length (mtr)	Remark	Chainage		Side	Length(mtr)	Remark
	From	To				From	To			
1	87+700	87+750	LHS	50	Structure	88+000	88+040	RHS	40	Structure
2	88+010	88+100	LHS	90	Structure	88+910	88+970	RHS	60	Structure
3	88+530	88+570	LHS	40	Structure	90+100	90+270	RHS	170	Structure
4	88+960	88+980	LHS	20	Structure	90+500	90+600	RHS	100	Structure
5	89+390	89+530	LHS	140	Structure	91+100	91+200	RHS	100	Structure
6	89+870	89+900	LHS	30	Structure	91+300	91+340	RHS	40	Structure
7	90+030	90+060	LHS	30	Structure	91+700	91+800	RHS	100	Structure

**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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8	90+080	90+100	LHS	20	Structure		92+290	92+320	RHS	30	Structure
9	90+130	90+180	LHS	50	Structure		92+430	92+450	RHS	20	Structure
10	90+200	90+430	LHS	230	Structure		92+780	92+800	RHS	20	Structure
11	90+800	90+900	LHS	100	Structure		92+900	93+000	RHS	100	Structure
12	91+100	91+200	LHS	100	Structure		93+430	93+460	RHS	30	Structure
13	91+530	91+630	LHS	100	Structure		93+950	94+000	RHS	50	Structure
14	91+700	91+920	LHS	220	Structure		94+200	94+300	RHS	100	Structure
15	92+370	92+400	LHS	30	Structure		94+440	94+470	RHS	30	Structure
16	93+500	93+530	LHS	30	Structure		94+620	94+640	RHS	20	Structure
17	93+740	93+760	LHS	20	Structure		94+660	94+680	RHS	20	Structure
18	94+200	94+400	LHS	200	Structure		95+100	95+200	RHS	100	Structure
19	94+480	94+500	LHS	20	Structure		95+530	95+560	RHS	30	Structure
20	94+590	94+630	LHS	40	Structure		95+650	95+680	RHS	30	Structure
21	94+630	94+700	LHS	70	Structure		95+700	95+850	RHS	150	Structure
22	95+250	95+350	LHS	100	Structure		100+430	100+450	RHS	20	Structure
23	95+480	95+500	LHS	20	Structure		100+500	100+600	RHS	100	Structure
24	95+600	95+795	LHS	195	Structure		100+720	100+800	RHS	80	Structure
25	100+700	100+850	LHS	150	Structure		100+950	101+050	RHS	100	Structure
26	100+950	101+050	LHS	100	Structure		102+208	106+500	RHS	4.292	Reserve Forest Land
27	101+230	101+350	LHS	120	Structure						
28	101+920	102+000	LHS	80	Structure						
29	101+920	102+000	LHS	0.080	Structure						
30	102+208	106+500	RHS	4.292	Reserve Forest Land						
Total Hindered Length				6.687	LHS					5.932	RHS
Total Length BHS in RMT				12.619							

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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CHAPTER -6

MOBILIZATION

6.1 Manpower Mobilization of Concessionaire

Sr. No.	Name	Designation	Department	Remarks
1	Satish Chandra Pandeya	Senior General Manager	Tech. & Operation	HQ
2	Ajeet Kumar Shukla	Project Manager	Project Execution	
3	Ajeet Kumar	Deputy Manager	HR/Admin	
4	Dhirendra Thapa	Sr. Executive -Admin	HR/Admin	
5	Viikash Kumar Mishra	Executive	HR/Admin	
6	Amit Kumar Verma	Supervisor	Admin	
7	Rakesh Samanta	Deputy Manager	Survey	
8	Sunil Singh	Sr. Surveyor	Survey	
9	Dipanker Maity	Sr. Surveyor	Survey	
10	Saurav Nayak	Asst. Surveyor	Survey	
11	Vinay Ram Dubey	Asst. Manager	Liaison	
12	Gulzar Ahmed	Executive	Liaison	
13	Biswajit Santra	Manager	QA/ QC	
14	Jitendra Kumar Sah	Engineer	QA/ QC	
15	Kanhaiya Singh	Lab Technician	QA/ QC	
16	Shivam Dubey	Lab Technician	QA/ QC	
17	Sandeep Kumar Vishwakarma	Lab Technician	QA/ QC	
18	Pawas Kumar	Lab Assistant	QA/ QC	
19	Mohan Kumar Jha	Sr. Engineer	Highway	
20	Sonu	Sr. Engineer	Highway	
21	Ram Narain Sharma	Sr. Supervisor	Highway	
22	Gopal kharol	Supervisor	Highway	
23	Surendra Shrma	Sr. Supervisor	Highway	
24	Ankit Singh	Deputy Manager	Structure	
25	Jagdish Yadav	Sr. Engineer	Structure	
26	Satyendra Kumar Shah	Sr. Engineer	Structure	
27	Mr. Nilesh Kumar	Junior Engineer	Structure	
28	Mr. Barun Dubey	Junior Engineer	Structure	
29	Sumit Kumar	Asst. Engineer	Structure	
30	Jagdish Pandey	Asst. Manager	Billing	
31	Abhay Kr. Singh	Sr. Engineer- Q. S.	Billing	
32	Rajesh Gantayata	Assistant Engineer	Billing	

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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33	Abhinab Kishore	Engineer - QA/QC	Billing	
34	Tarun Kumar	G.E.T. (Q.S.)	Planning & Billing	
35	Bikash Chandra Sahu	Sr. Executive - IT	IT	
36	Anish Pati Tiwari	Asst. Manager	Store	
37	Santosh Kumar Jena	Manager	Store	
38	Santosh Kumar Yadav	Sr. Executive	Store	
39	Deepak Purty	Sr. Executive	Store	
40	Ananal Kumar	Executive	Store	
41	Anand Purty	Executive	Store	
42	Govind Ram Nagar	Officer	Store	
43	Rahul Mandal	Jr. Executive	Store	
44	Devesh Chaubey	Supervisor	Store	
45	Vikas Kumar Ojha	Supervisor	Store	
46	Shailesh Kumar Singh	Supervisor	Store	
47	Bhaskar Ganguly	Manager	Mechanical	
48	Rajiv Ranjan	Engineer	Mechanical	
49	Riyazudin	Engineer	Mechanical	
50	Sahajan Alom Choudhury	Executive	Mechanical	
51	Aman Kumar	Executive	Mechanical	
52	Aman Chaurasiya	Executive	Mechanical	
53	Shiv Kr. Pareek	Executive - Accounts	F & A	
54	Sandeep Kumar	Sr. Executive	Safety	

6.1 Manpower Mobilization of Independent Engineer

Sl. No.	Name	Designation	DOJ	Remark
1	Mr. Manoj Kumar Jha	Team Leader	01.05.2025	
2	Mr. Pritam Kumar Singh	Resident Engineer	19.05.2025	
3	Mr. Saurabh Chakravarti	Asst. Highway Engineer	15.05.2025	

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)

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CHAPTER-7

DEPLOYMENT OF PLANTS AND EQUIPMENT / PROJECT SET UP PLAN

7.1 Plants and Equipment Deployed

Sr. no.	Type of Machine	Nos	Remark
1	Excavator	11	
2	Tipper	34	
3	Farana 30 Ton capacity crane	01	
4	Hydra 14 Ton capacity	01	
5	Batching plant	01	
6	RE block Plant	01	
7	WMM Plant 250 TPH	01	
8	Soil Compactor Roller	08	
9	Mini Tandem Roller	01	
10	Motor Grader	03	
11	Transit Mixer	11	
12	Backhoe Loader	03	
13	LMV Vehicle	05	
14	Diesel Tanker	02	
15	Trailer	01	
16	DG	10	
17	Tractor	03	
18	Boom Placer	01	
19	Water Tanker	01	
20	Loader	01	
21	Paver	01	

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 July 31, 2025, is enclosed in this chapter of the report.

Road Works

S N	Description	Unit	Total	Submitted	Approval	Review 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.	Typical Cross Section	Nos	1.00	1.00	1.00	0.00	
4.	Pavement Design Report	Nos	1.00	1.00	1.00	0.00	
5.	RE Wall	Nos	52300.00	-	-	-	
7.	Minor Junction	Nos	24.00	-	-	-	
8.	Signage Plan	Nos	1.00	-	-	-	
9.	Rest Area	Nos	1.00	-	-	-	

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)

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Structure Works

Sr. No	Description	Total Nos	Submitted	Approved	Remarks
1.	LVUP	4	4	4	
2.	VUP	2	2	2	
3.	MNB	24	16	16	
4.	Box Culverts	38	36	36	
5.	Pipe Culvert	10	6	6	

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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**CHAPTER-9
PROJECT WORK PROGRESS**

9.1 Work Progress:

Progress as per Schedule G for the month July-2025

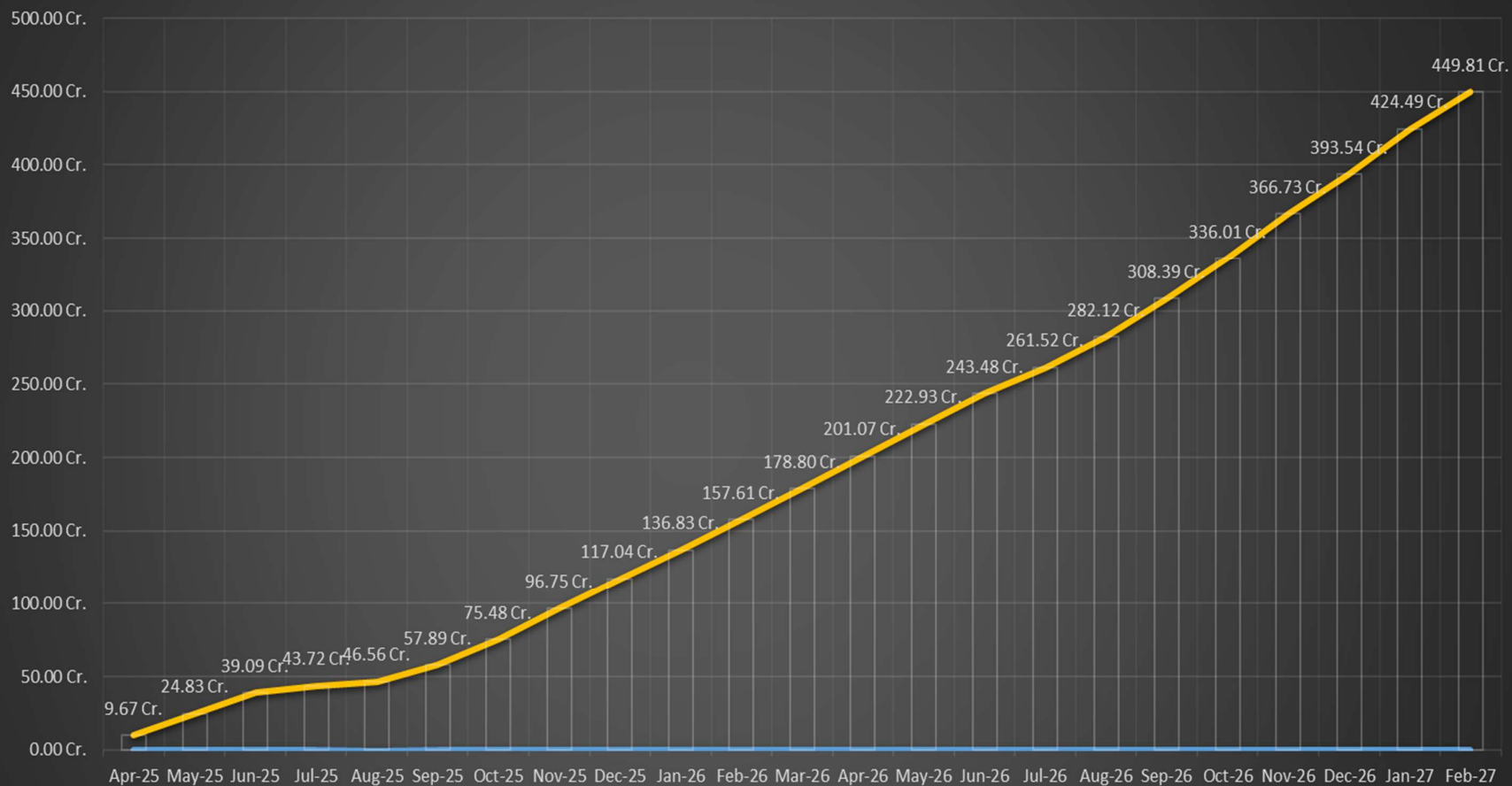
Item	Stage for measurement of Physical Progress	Unit	Qty.	Weightage in percentage to the contract price	Unit Rate	Qty	Physical Progress (%)	Value of Physical Progress (%)
	B-New 4 Lane Realignment/Bypass							
Road works including culverts, minor Bridges, underpasses, overpasses, approaches to ROB/RUB/Major Bridges/Structures (But excluding service road)	(1) Earthwork upto top of Sub-grade	L-Km	36.86	21.16%	2,58,29,400.71	4.98	13.51%	2.86%
	(2) Granular work (Sub-base & base courses)	L-Km	36.86	14.81%	1,80,71,420.08			
	(3) Shoulders	L-Km	36.86	0.12%	1,49,952.90			
	(4) Bituminous Work	L-Km	37.60	7.23%	86,43,924.81			
	Sub Total-B							
	C- New Culverts, Minor Bridges, underpasses, overpasses on existing road, realignment, bypasses:							
	1) Culverts	No.	96.00	5.35%	25,07,756.53	10.00	10.42%	0.56%
	2) Minor Bridge							
	a) Foundation	No.	84.00	9.50%	50,89,800.74	4.00	4.76%	0.45%
	b) Sub-Structure	No.	84.00	3.55%	19,01,782.74	4.00	4.76%	0.17%
	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 girders/ segments.							
	c-i) Precast Girder - On Casting (40%)	No.	20.00	3.69%	82,99,250.98			0.00%
	c-ii) Slab - after Completion of Slab (60%)	No.	64.00	5.54%	38,90,273.90	2.00	3.13%	0.17%
	5) Grade Separated Structures							
	a) Underpasses							
	i) Foundation	No.	16.00	3.31%	92,95,849.89	9.00	56.25%	1.86%
	ii) Sub-Structure	No.	16.00	1.46%	41,15,428.97	7.00	43.75%	0.64%
	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 precast girders/ segments.							
	iii-a) Precast Girder - On Casting (40%)	No.	4.00	0.81%	90,57,338.74			
	iii-b) Slab - after Completion of Slab (60%)	No.	12.00	1.21%	45,28,669.37	4.00	33.33%	0.40%
Structures (Elevated Section, Reinforced earth)	4) Reinforced Earth Wall (includes Approaches of ROB, Underpasses, Over passes, Flyover etc.) If RE-wall is used with fascia panels/blocks, 5% of weightage of the stage in percentage to bid project cost is assigned to the casting of such fascia panels/blocks for one complete approach.							
	i) Re-Wall using Panel/Blocks Casting (5%)	Sq.m	52,300.00	0.08%	66.72			
	ii) Re-Wall using Panel/Blocks Erection (95%)	Sq.m	52,300.00	1.47%	1,267.70			
Electrical and Public Health Utilities	UTILITY SHIFTING							
	EHT Crossing	No.	8.00	1.59%	89,42,150.37			
	HT/LT lines (including Transformers if any)	Km	18.80	0.10%	2,44,853.00	5.00	26.60%	0.03%
	HT/LT crossings	No.	67.00	0.69%	4,63,501.94			
	Water pipeline	L-Km	26.98	0.54%	9,02,006.23	26.98	100.00%	0.54%
	Water pipeline crossings	No.	23.00	0.35%	6,88,924.54			
Other Works	MISCELLANEOUS WORKS							
	ij) - Service Road / Slip Road	L-Km	20.90	3.68%	79,27,104.38			
	iii) Road Side Drains	L-Km	20.90	4.00%	86,18,043.25			
	iv) - Road signs, markings, Km Stone, Safety devices							
	(a) Road signs, markings, Km Stone	L-Km	37.60	0.56%	6,66,493.83			
	(b) Concrete Crash Barrier/W Beam Crash Barrier in Road work	L-Km	27.73	2.32%	37,70,920.21			
	v) - Project Facilities							
	(a) Bus Stop	No.	12.00	0.03%	1,11,776.88			
	(b) Rest Area	No.	1.00	0.62%	2,79,44,219.92			
	(c) Rain Water Harvesting	No.	38.00	0.14%	1,61,917.75			
	viii) - Protection Work							
	(a) Boulder Pitching/Geo Cell laying for Slopes Protection work	L-Km	13.30	0.51%	17,33,067.46			
	(b) Toe Wall / Retaining Wall		2.56	2.76%	4,84,65,741.93			
	x) Miscellaneous							
	(a) Street Lighting	No.	1,672.00	0.57%	15,328.33			
	(b) ATMS, HTMS, Traffic Aid Posts, Medical aid Posts, Vehicle Recue Posts, Telecom System	L-Km	37.60	0.47%	5,64,350.85			
	(c) Boundary Wall	L-Km	37.51	1.45%	17,43,719.32			
	(d) Junction	No.	24.00	0.31%	5,80,929.49			
	Sub Total-G >>>							
Grand Total >>>				100.00%				7.68%

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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9.2 S Curve

S Curve



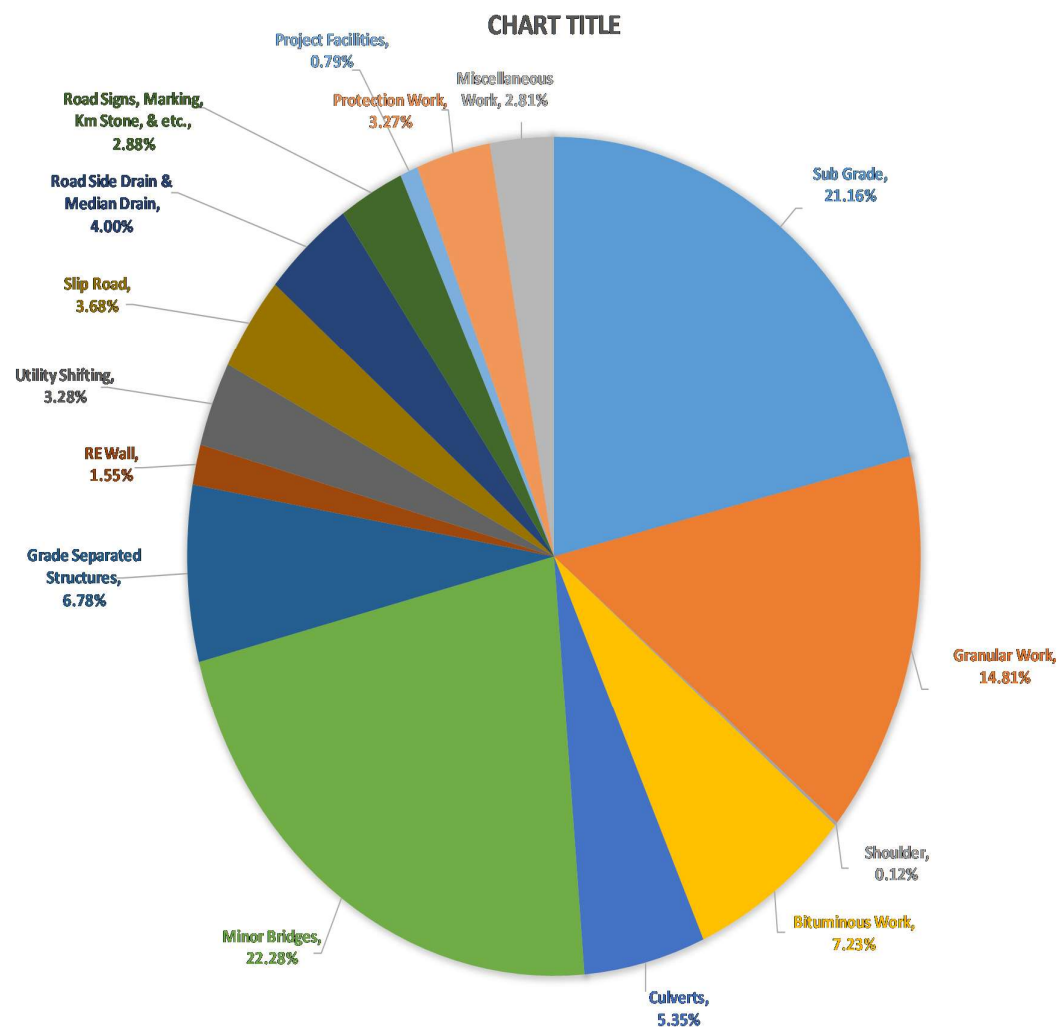
	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27
Plan in %	2.15%	3.37%	3.17%	1.03%	0.63%	2.52%	3.91%	4.73%	4.51%	4.40%	4.62%	4.71%	4.95%	4.86%	4.57%	4.01%	4.58%	5.84%	6.14%	6.83%	5.96%	6.88%	5.63%
Cummulative Amount	9.67 Cr	24.83 C	39.09 C	43.72 C	46.56 C	57.89 C	75.48 C	96.75 C	117.04	136.83	157.61	178.80	201.07	222.93	243.48	261.52	282.12	308.39	336.01	366.73	393.54	424.49	449.81

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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9.3 Weightages

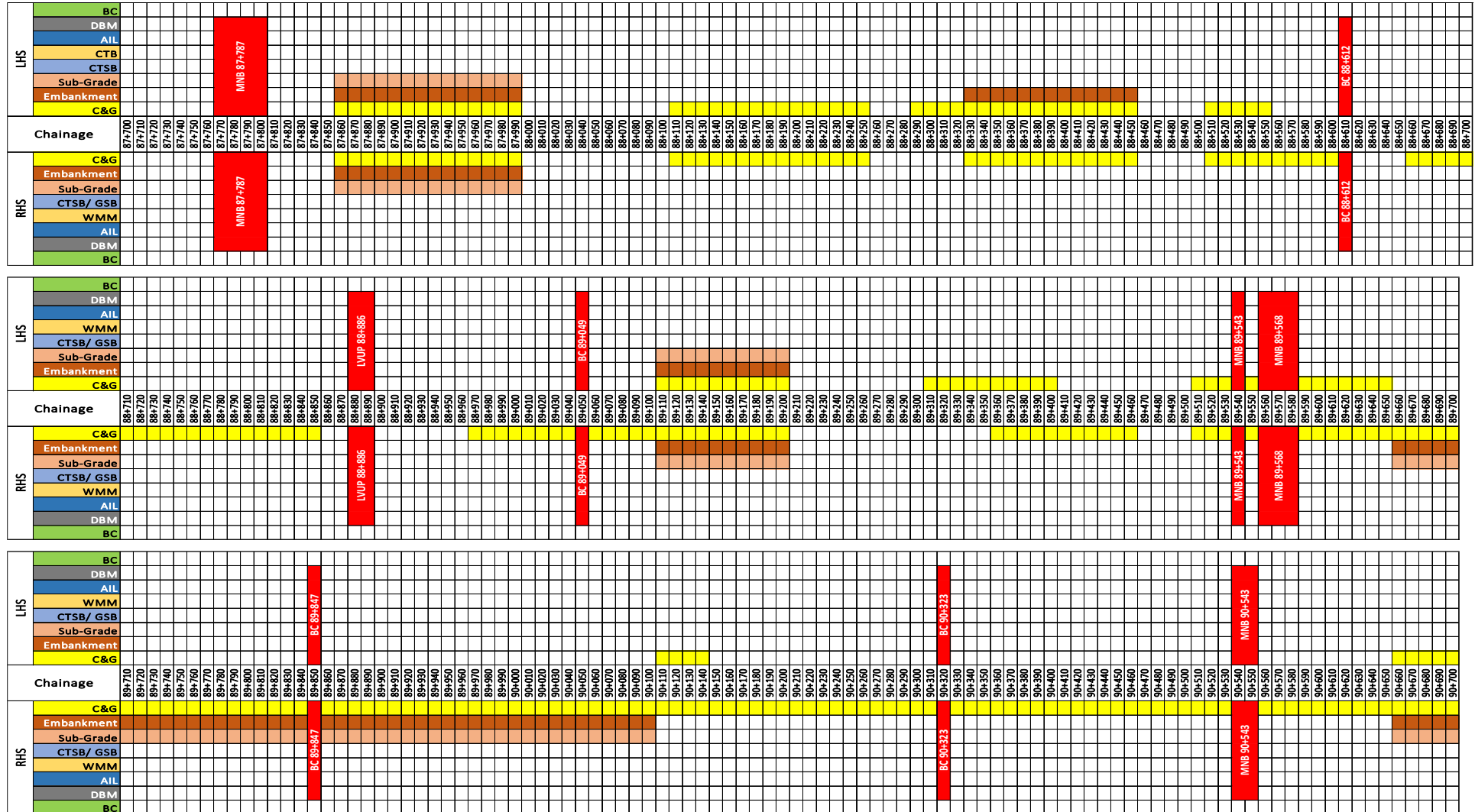
Work Description	% of Each sub components	Amount (Cr.)
Sub Grade	21.16%	95,19,99,387.67
Granular Work	14.81%	66,60,61,944.24
Shoulder	0.12%	55,26,843.97
Bituminous Work	7.23%	32,50,11,573.01
Culverts	5.35%	24,07,44,626.95
Minor Bridges	22.28%	1,00,22,55,561.58
Grade Separated Structures	6.78%	30,51,53,849.08
RE Wall	1.55%	6,97,90,085.65
Utility Shifting	3.28%	14,73,76,462.20
Slip Road	3.68%	16,56,76,481.56
Road Side Drain & Median Drain	4.00%	18,01,17,103.94
Road Signs, Marking, Km Stone, & etc.	2.88%	12,96,27,785.39
Project Facilities	0.79%	3,54,38,417.06
Protection Work	3.27%	14,71,22,096.56
Miscellaneous Work	2.81%	12,61,97,781.14
Total	100.00%	4,49,81,00,000.00



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)

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9.4 Strip Chart of Highway:



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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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RHS		LHS													
Chainage	C&G	Embankment	Sub-Grade	CTSB/ GSB	WMM	AIL	DBM	BC	LHS						
									Embankment	Sub-Grade	CTSB/ GSB	WMM	AIL	DBM	BC
	96+710														
	96+720														
	96+730														
	96+740														
	96+750														
	96+760														
	96+770														
	96+780														
	96+790														
	96+800														
	96+810														
	96+820														
	96+830														
	96+840														
	96+850														
	96+860														
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	97+610														
	97+620														
	97+630														
	97+640														
	97+650														
	97+660														
	97+670														
	97+680														
	97+690														
	97+700														

RHS		LHS													
Chainage	C&G	Embankment	Sub-Grade	CTSB/ GSB	WMM	AIL	DBM	BC	LHS						
									Embankment	Sub-Grade	CTSB/ GSB	WMM	AIL	DBM	BC
	97+710														
	97+720														
	97+730														
	97+740														
	97+750														
	97+760														
	97+770														
	97+780														
	97+790														
	97+800														
	97+810														
	97+820														
	97+830														
	97+840														
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	97+870														
	97+880														
	97+890														
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	97+950														
	97+960														
	97+970														
	97+980														
	97+990														
	98+000														
	98+010														
	98+020														
	98+030														
	98+040														

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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The figure displays three cross-sections of a four-lane highway, showing the profile of the Left Hand Side (LHS) and Right Hand Side (RHS) of the road. The chainage (distance from the start of the section) is indicated on the x-axis, ranging from 99+710 to 100+700, 101+710 to 102+700, and 103+710 to 104+700. The y-axis represents the elevation or height. The cross-sections show the road bed, embankment, sub-grade, and various engineering details like C&G (Cement Concrete Grade) and BC (Base Course). The diagrams are labeled with chainage ranges and specific details like BC 100+864, BC 101+461, BC 101+462, BC 101+463, BC 101+538, BC 101+883, and MNS 102+508.

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state of Assam on HAM mode. Package-VI (Length=18.80 km)

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RHS		Chainage						LHS							
BC	DBM	AIL	WMM	CTSB/ GSB	Sub-Grade	Embankment	C&G	BC	DBM	AIL	WMM	CTSB/ GSB	Sub-Grade	Embankment	C&G
							104+710								104+710
							104+720								104+720
							104+730								104+730
							104+740								104+740
							104+750								104+750
							104+760								104+760
							104+770								104+770
							104+780								104+780
							104+790								104+790
							104+800								104+800
							104+810								104+810
							104+820								104+820
							104+830								104+830
							104+840								104+840
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							104+860								104+860
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							105+190								105+190
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							105+370								105+370
							105+380								105+380
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							105+410								105+410
							105+420								105+420
							105+430								105+430
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							106+140								106+140
							106+150								106+150
							106+160	</							

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RHS	Chainage	BC	105+710
		DBM	105+720
		AIL	105+730
		WMM	105+740
		CTSB/ GSB	105+750
		Sub-Grade	105+760
		Embankment	105+770
		C&G	105+780
		LHS	Chainage
	105+800		
	105+810		
	105+820		
	105+830		
	105+840		
	105+850		
	105+860		
	105+870		
	105+880		
	105+890		
	105+900		
	105+910		
	105+920		
	105+930		
	105+940		
	105+950		
	105+960		
	105+970		
	105+980		
	105+990		
	106+000		
	106+010		
	106+020		
	106+030		
	106+040		
	106+050		
	106+060		
	106+070		
	106+080		
	106+090		
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	106+360		
	106+370		
	106+380		
	106+390		
	106+400		
	106+410		
	106+420		
	106+430		
	106+440		
	106+450		
	106+460		
	106+470		
	106+480		
	106+490		
	106+500		
		MNB 106+306	

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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9.5 Detailed Structure Work Progress

9.5.1 Status of Hume Pipe Culvert

SN	LHS												HPC Chainage	RHS											
	Protection Work	Parapet Wall	Chamber Wall	Top RCC Slab	H/W Final Lift	H/W-2nd Lift	H/W-1st Lift	H/W-PCC M15	Pipe Encasing/Filling	Laying of Pipe	PCC/Granular Bed	Layout & Excavation		Layout & Excavation	PCC/Granular Bed	Laying of Pipe	Pipe Encasing/Filling	H/W-PCC M15	H/W-1st Lift	H/W-2nd Lift	H/W Final Lift	Top RCC Slab	Chamber Wall	Parapet Wall	Protection Work
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												
	0	0	0	0	0	0	0	0	0	0	0	0	In Progress	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	Completed	0	0	0	0	0	0	0	0	0	0	0	0

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)**

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

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9.5.3 Status of Minor Bridge

SN	LHS											Minor Bridge Chainage	RHS													
	Miscellaneous Item	Protection Work	Parapet Wall	Top Slab	Top Haunch	Wall Final Lift	Wall 2nd Lift	Wall 1st Lift	Haunch	Raft	PCC/Granular Bed		Layout & Excavation	Abutment	Layout & Excavation	PCC/Granular Bed	Raft	Haunch	Wall 1st Lift	Wall 2nd Lift	Wall Final Lift	Top Haunch	Top Slab	Parapet Wall	Protection Work	Miscellaneous Item
1													A1	89+543	A1											
													A2		A2											
2													A1	90+543	A1											
													A2		A2											
3													A1	97+102	A1											
													A2		A2											
4													A1	97+458	A1											
													A2		A2											
5													A1	97+673	A1											
													A2		A2											
6													A1	97+782	A1											
													A2		A2											
7													A1	98+267	A1											
													A2		A2											
8													A1	98+508	A1											
													A2		A2											
9													A1	98+631	A1											
													A2		A2											
10													A1	99+045	A1											
													A2		A2											
11													A1	99+247	A1											
													A2		A2											
12													A1	102+109	A1											
													A2		A2											
13													A1	102+508	A1											
													A2		A2											
14													A1	103+116	A1											
													A2		A2											
15													A1	103+437	A1											
													A2		A2											
16													A1	103+784	A1											
													A2		A2											
17													A1	104+443	A1											
													A2		A2											
18													A1	105+378	A1											
													A2		A2											
19													A1	105+697	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)**

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9.5.4 Status of VUP

SN	LHS										VUP Chainage	RHS													
	Miscellaneous Item	Crash Barrier	Approach Slab	Desk Slab	Wall Final Lift	Wall 2nd Lift	Wall 1st Lift	Haunch	Raft	PCC/Granular Bed		Layout & Excavation	Abutment	Abutment	Layout & Excavation	PCC/Granular Bed	Raft	Haunch	Wall 1st Lift	Wall 2nd Lift	Wall Final Lift	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	

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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9.5.5 Status of LVUP

SN	LHS											LVUP Chainage	RHS												
	Protection Work	Parapet Wall	Top Slab	Top Haunch	Wall Final Lift	Wall 2nd Lift	Wall 1st Lift	Haunch	Raft	PCC/Granular Bed	Layout & Excavation		Abutment	Abutment	Layout & Excavation	PCC/Granular Bed	Raft	Haunch	Wall 1st Lift	Wall 2nd Lift	Wall Final Lift	Top Haunch	Top Slab	Parapet Wall	Protection Work
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 31st March, 2025 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 Black Tiger (OPC 53 Grade), 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 and Elegant Steel.

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10.3.4 Status of materials source approval & Mix Design

Mix Design				
SN	Grade	Letter No.	Status	IE Letter No.
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 dt. 06.06.2025
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 dt. 06.06.2025

Cement				
SN	Brand Name	Letter No.	Status	IE Letter No.
1.	Black Tiger Cement	MKCIL/ASSAM/PKG-06/148 dt. 22.03.2025	Review	AIPPL-AYOLEEEZA/IE/NHIDCL/Karimganj/PKG06/24 dt. 29.05.2025
2.	Dalmia Cement	MKCIL/ASSAM/PKG-06/149 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/11 dt. 26.05.2025
3.	Max Cement	MKCIL/ASSAM/PKG-06/150 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/26 dt. 30.05.2025
4.	Star Cement	MKCIL/ASSAM/PKG-06/151 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/12 dt. 26.05.2025
5.	Amrit Cement	MKCIL/ASSAM/PKG-06/157 dt. 24.03.2025	Not Acceptable	AIPPL-AYOLEEEZA/IE/NHIDCL/Karimganj/PKG06/27 dt. 30.05.2025

Reinforcement Steel				
SN	Brand Name	Letter No.	Status	IE Letter No.
1.	Rashmi Metaliks Limited	MKCIL/ASSAM/PKG-06/106 dt. 29.01.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/63 dt. 27.06.2025
2.	Shyam Steel industries Ltd.	MKCIL/ASSAM/PKG-06/107 dt. 29.01.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/13 dt. 27.05.2025
3.	SRMB Srijan Pvt. Ltd.	MKCIL/ASSAM/PKG-06/152 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/16 dt. 27.05.2025
4.	Elegant Steel	MKCIL/ASSAM/PKG-06/203 dt. 19.04.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/64 dt. 01.07.2025
5.	Shyam Metaliks & Energy Ltd.	MKCIL/ASSAM/PKG-06/175 dt. 04.04.2025	Under Process	AIPPL-AYOLEEEZA/IE/NHIDCL/Karimganj/PKG06/44 dt. 11.06.2025

Admixture				
SN	Brand Name	Letter No.	Status	IE Letter No.
1.	Berger Paints Pvt. Ltd.	MKCIL/ASSAM/PKG-06/143 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/15 dt. 27.05.2025
2.	CHRYSO India Pvt. Ltd	MKCIL/ASSAM/PKG-06/144 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/18 dt. 28.05.2025
3.	CICO Technologies Ltd.	MKCIL/ASSAM/PKG-06/145 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/19 dt. 28.05.2025
4.	FOSROC Chemicals (India) Ltd.	MKCIL/ASSAM/PKG-06/146 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/20 dt. 28.05.2025
5.	Vista Chemtech Pvt. Ltd.	MKCIL/ASSAM/PKG-06/147 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/17 dt. 27.05.2025

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GFRP Bar				
SN	Brand Name	Letter No.	Status	IE Letter No.
1.	Tata Steel	MKCIL/ASSAM/PKG-06/272 dt. 31.05.2025	Approved	AIPPL- AYOLEEZ/IE/NHIDCL/ Karimganj/Pkg-06/58 dt. 25.06.2025
2.	Titan Technovators	MKCIL/ASSAM/PKG-06/349 dt. 04.07.2025		
3.	Abhuva Innovation Private Limited	MKCIL/ASSAM/PKG-06/350 dt. 04.07.2025		
4.	ARC Insulation & Insulators Limited	MKCIL/ASSAM/PKG-06/365 dt. 12.07.2025		
5.	MRG Composites India Pvt. Ltd.	MKCIL/ASSAM/PKG-06/366 dt. 12.07.2025		
6.	Plurimo Pultrusion Composites Pvt. Ltd.	MKCIL/ASSAM/PKG-06/367 dt. 12.07.2025		
7.	MRA Composites India Pvt. Ltd.	MKCIL/ASSAM/PKG-06/368 dt. 12.07.2025		
8.	AERON Composite Limited	MKCIL/ASSAM/PKG-06/387 dt. 18.07.2025		
9.	JAM Infra Pvt. Ltd.	MKCIL/ASSAM/PKG-06/408 dt. 28.07.2025		
10.	Fibretron Composites Pvt. Ltd.	MKCIL/ASSAM/PKG-06/408 dt. 28.07.2025		

Geo-Composite, Geo-Textile, Geo-Cell, & Geo-Grid				
SN	Brand Name	Letter No.	Status	IE Letter No.
1.	TechFub India Industries Ltd.	MKCIL/ASSAM/PKG-06/372 dt. 14.07.2025	Approved	AIPPL- AYOLEEZ/IE/NHIDCL/ Karimganj/Pkg-06/79 dt. 21.07.2025

Test Laboratory				
SN	Brand Name	Letter No.	Status	IE Letter No.
1.	Avian Test 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

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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Monthly Laboratory Report

Summary of Quality Control Test For The Month of July-2025

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 cChecked by IE			% Checked by IE	Remarks
				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed		
LAB & FIELD TEST'S																	
(I). OGL Samples		IRC:36-2010															
1.1	Free Swelling Index (FSI)	IS : 2720 (P-40)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.2	Grain size analysis	IS : 2720 (P-4)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.3	Liquid limits (LL)	IS : 2720 (P-5)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.4	Plasticity Index (PI)	IS : 2720 (P-5)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
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)	475	459	16	21	19	2	496	478	18	0	0	0	0.00	
(II). Borrow area Samples (EMB/SG)		MoRT&H (Clause-305)															
2.1	Free Swelling Index (FSI)	IS : 2720 (P-40)	2 Test's / 3000 Cum.	188	188	0	8	8	0	196	196	0	1	1	0	12.50	
2.2	Grain size analysis (GSA)	IS : 2720 (P-4)	2 Test's / 3000 Cum.	188	188	0	8	8	0	196	196	0	1	1	0	12.50	
2.3	Liquid limits (LL)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	188	188	0	8	8	0	196	196	0	1	1	0	12.50	
2.4	Plasticity Index (PI)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	188	188	0	8	8	0	196	196	0	1	1	0	12.50	
2.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	2 Test's / 3000 Cum.	188	188	0	8	8	0	196	196	0	1	1	0	12.50	
2.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	1 Test's / 3000 Cum.	94	94	0	4	4	0	98	98	0	1	1	0	25.00	
2.7	Field Compaction Test (Emb)	IS : 2720 (P-28)	1 Set / 3000 Sqm. (1Set = 10 Pit's)	2602	2541	61	164	160	4	2766	2701	65	20	20	0	12.20	
2.8	Field Compaction Test (Subgrade)	IS : 2720 (P-28)	1 Set / 2000 Sqm. (1Set = 10 Pit's)	567	537	30	25	23	2	592	560	32	3	3	0	12.00	

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(III). Coarse Agg. for Concrete Work's		MoRT&H Table - 900-6														
3.1	Gradation of Coarse Aggregate	IS : 2386 (P-1)	1 Test / Every day's work	114	114	0	31	31	0	145	145	0	4	4	0	12.90
3.2	Flakiness Index (FI)	IS : 2386 (P-1)	1 Test for source / Weekly	15	15	0	4	4	0	19	19	0	1	1	0	25.00
3.3	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test for source / Weekly	15	15	0	4	4	0	19	19	0	1	1	0	25.00
3.4	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	3	3	0	1	1	0	4	4	0	1	1	0	100.00
3.5	Water Absorption	IS : 2386 (P-3)	1 Test / Source	3	3	0	1	1	0	4	4	0	1	1	0	100.00
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	114	114	0	31	31	0	145	145	0	4	4	0	12.90
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
(IV). Fine Agg. for Concrete		MoRT&H Table - 900-6														
4.1	Gradation	IS : 383	1 Test / Every day's work	114	114	0	31	31	0	145	145	0	4	4	0.0	12.90
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	7	7	0	4	4	0	11	11	0	0	0	0.0	0.00
4.5	Moisture correction	IS : 2386 (P-3)	1 Test / Every day's work	114	114	0	31	31	0	145	145	0	4	4	0.0	12.90
(V). Concrete Cube's Compressive Strength Test		IS: 516														
♣ Grade of Concrete : M-10 PCC																
5.1	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	18	18	0	5	5	0	23	23	0	0	0	0	0.00
5.2	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	48	48	0	2	2	0	50	50	0	0	0	0	0.00
♣ Grade of Concrete : M-15 PCC																
5.3	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
5.4	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
♣ Grade of Concrete : M-20 PCC																
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
♣ Grade of Concrete : M-20 RCC																
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
♣ Grade of Concrete : M-20 for KERB																
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
♣ Grade of Concrete : M-25 RCC																
5.11	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
5.12	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
♣ Grade of Concrete : M-30 RCC																
5.13	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	66	66	0	26	26	0	92	92	0	5	0	0	19.23
5.14	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	202	202	0	45	45	0	247	247	0	20	0	0	44.44
♣ Grade of Concrete : M-35 RCC																
5.15	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	22	22	0	17	17	0	39	39	0	3	3	0	17.65
5.16	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	19	19	0	28	28	0	47	47	0	10	10	0	35.71
♣ Grade of Concrete : M-35 Pile																
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
♣ Grade of Concrete : M-35 RE BLOCK																
5.19	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	8	8	0	27	27	0	35	35	0	5	5	0	18.52
5.20	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	48	48	0	48	48	0	10	10	0	20.83
♣ Grade of Concrete : M-40 RCC																
5.21	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	8	8	0	8	8	0	1	1	0	12.50
5.22	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	1	1	0	1	1	0	0	0	0	0.00
♣ Grade of Concrete : M-45 RCC/PSC																
5.23	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
5.24	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

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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Grade of Concrete : M-50 RCC/PSC																
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
Grouting of PSC Girders																
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
(VI). Cement tests																
6.1	Fineness of Cement	IS : 4031 (P-1)	1 Test Every Batch of Cement	18	18	0	3	3	0	21	21	0	1	1	0	33.33
6.2	Normal Consistency	IS : 4031 (P-4)	1 Test Every Batch of Cement	18	18	0	3	3	0	21	21	0	1	1	0	33.33
6.3	Initial Setting Time	IS : 4031 (P-5)	1 Test Every Batch of Cement	18	18	0	3	3	0	21	21	0	1	1	0	33.33
6.4	Final Setting time	IS : 4031 (P-5)	1 Test Every Batch of Cement	18	18	0	3	3	0	21	21	0	1	1	0	33.33
6.5	Compressive Strength (03 Days)	IS : 516	1 Test Every Batch of Cement	15	15	0	6	6	0	21	21	0	1	1	0	16.67
6.6	Compressive Strength (07 Days)	IS : 516	1 Test Every Batch of Cement	15	15	0	6	6	0	21	21	0	1	1	0	16.67
6.7	Compressive Strength (28 Days)	IS : 516	1 Test Every Batch of Cement	14	14	0	4	4	0	18	18	0	1	1	0	25.00
6.8	Soundness	IS : 4031 (P-3)	1 Test Every Batch of Cement	0	0	0	0	0	0	0	0	0	0	0	0	0.0
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	0.0
(VII). Granular Sub-Base (GSB)		MoRT&H Clause - 401														
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 Prior 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 Pit's)	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(VIII). Wet Mix Macadam (WMM)		MoRT&H-406														
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	Combined Flakiness & Elongation (FI & EL)	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 Pit's)	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(IX). Dense Bituminous Macadam (DBM)		MoRT&H-500														
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 & EL)	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 Sqm	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

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(X). Bituminous Concrete (BC)		MoRTH-500														
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
(XI). Bitumen (VG-40)																
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
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
(XII). MODIFIED BITUMEN (PMB 76E-10)																
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
(XIII). Emulsion (SS-1)																
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
(XIV). Emulsion (RS-1)																
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

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THIRD PARTY TESTS (NABL ACCREDITED LABORATORY)																
(XV). Coarse Aggregates																
15.1	Gradation	IS : 2386 (P-1)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
15.2	FI & EI	IS : 2386 (P-1)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
15.3	Aggregate Impact Value	IS : 2386 (P-4)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
15.4	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
15.5	Water Absorption	IS : 2386 (P-3)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
15.6	Deleterious Content	IS : 2386 (P-1)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
15.7	L.A.V.	IS : 2386 (P-4)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
15.8	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
15.9	Soundness	IS : 2386(P-5)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
15.10	Petrographic Examination	IS : 2386 (P-8)	1 Test / Source	2	2	0	0	0	0	2	2	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
(XVI). Fine Aggregates																
16.1	Gradation	IS : 383	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
16.2	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
16.3	Water Absorption	IS : 2386 (P-3)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
16.4	Deleterious Content	IS : 2386 (P-1)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
16.5	Silt Content	IS : 2386 (P-4)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
16.6	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
16.7	Soundness	IS : 2386(P-5)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
16.8	Organic Impurities	IS : 2386 (P-8)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
16.9	Fineness Modulus	IS : 383	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
(XVII). TMT Bar's (Steel)																
17.1	Physical properties	IS : 1786	< 10mm - 1 sample/25 MT, 10-16mm-1sample/35 MT,	11	11	0	0	0	0	11	11	0	0	0	0	0.00
17.2	Chemical properties	IS : 1786	> 16mm - 1 sample/45 MT	11	11	0	0	0	0	11	11	0	0	0	0	0.00
(XVIII). Construction Water																
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
(XIX). Chemical Admixture																
19.1	Physical & Chemical properties	IS : 9103	1 Test/ Per Lot	1	1	0	0	0	0	1	1	0	0	0	0	0.00
(XX). Cement (OPC-53 Grade)																
20.1	Physical & Chemical properties	IS : 8112	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
(XXI). Soil - Borrow Area																
21.1	Mechanical	IS : 2720 (P-39)	1 Test / Source	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXII). NP-4 Hume Pipe Test																
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
(XXIII). Bitumen (Emulsion)																
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
(XXIV). Bitumen (VG-40)																
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
(XXV). Bitumen (PMB)																
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
(XXVI). Curing Compound																
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
Remarks:																

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**CHAPTER-11
CORRESPONDENCE**

11.1 Outward Letter (Concessionaire)

SN	Letter No.	Date	Subject	To
1	MKCIL/ASSAM/ PKG-06/341	01.07.2025	Regarding Submission of Plan and Profile for Lined Drain with design report.	TL
2	MKCIL/ASSAM/ PKG-06/342	01.07.2025	Non-fulfilment of obligations as per the Condition Precedent required to be satisfied by the Authority	GM (PMU Karimganj)
3	MKCIL/ASSAM/ PKG-06/346	03.07.2025	Regarding storage of Reinforcement bars.	TL
4	MKCIL/ASSAM/ PKG-06/349	04.07.2025	Submission of profile and credential of Titan technovators for source approval	TL
5	MKCIL/ASSAM/ PKG-06/350	04.07.2025	Submission of profile and credential of Abhuva innovation for source approval.	TL
6	MKCIL/ASSAM/ PKG-06/351	04.07.2025	Regarding Submission of Laboratory equipment list	TL
7	MKCIL/ASSAM/ PKG-06/355	05.07.2025	Submission of Monthly Progress Report for the month of June-2025.	TL
8	MKCIL/ASSAM/ PKG-06/356	07.07.2025	Regarding the appointment for the member of Dispute Resolution Board	IAS, Jaipur
9	MKCIL/ASSAM/ PKG-06/357	07.07.2025	Regarding Submission of Typical Design & Drawing for Retaining Wall Without Embankment	TL
10	MKCIL/ASSAM/ PKG-06/358	07.07.2025	Regarding Submission of Consent letter of DRB Member	GM (PMU Karimganj)
11	MKCIL/ASSAM/ PKG-06/362	11.07.2025	Regarding Submission of GAD for Box Culvert (1x2x2) at Ch. 93+355, 99+447 & 99+517	TL
12	MKCIL/ASSAM/ PKG-06/364	12.07.2025	Intimation of Force Majeure Event under Clause 28 of the Concession Agreement due to Indefinite Suspension of Train Services on the Lumding-Badarpur Route Following Landslides.	TL
13	MKCIL/ASSAM/ PKG-06/365	12.07.2025	Submission of profile and credential of ARC insulation & insulators limited for source approval.	TL
14	MKCIL/ASSAM/ PKG-06/366	12.07.2025	Submission of profile and credential of MRG India composite Pvt. Ltd. for source approval	TL
15	MKCIL/ASSAM/ PKG-06/367	12.07.2025	Submission of profile and credential of Plurimo composite Pvt. Ltd. for source approval	TL
16	MKCIL/ASSAM/ PKG-06/368	12.07.2025	Submission of profile and credential of MRA composite India Pvt. Ltd. for source approval	TL
17	MKCIL/ASSAM/ PKG-06/369	12.07.2025	Regarding Submission of GFC Drawings for 32 Nos. Approved Box Culverts	TL
18	MKCIL/ASSAM/ PKG-06/372	14.07.2025	Submission of profile and credential of Techfab India for source approval	TL
19	MKCIL/ASSAM/ PKG-06/373	14.07.2025	Regarding finalization of Contract Price Weightage as per Annexure - I of Schedule – G of Concession Agreement.	TL
20	MKCIL/ASSAM/ PKG-06/375	15.07.2025	Regarding Submission of Design & Drawing for Box Culvert at Ch. 101+064 (1x4x2).	TL

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21	MKCIL/ASSAM/ PKG-06/378	16.07.2025	Regarding Submission of Typical Design & Drawing of RE Wall.	TL
22	MKCIL/ASSAM/ PKG-06/379	16.07.2025	Regarding Submission of RE Wall Drawing for LVUP at Ch. 92+248.	TL
23	MKCIL/ASSAM/ PKG-06/382	17.07.2025	Regarding Submission of RE Wall Drawing for LVUP at Ch. 88+886.	TL
24	MKCIL/ASSAM/ PKG-06/383	17.07.2025	Non-fulfillment of obligations as per the Condition Precedent required to be satisfied by the Authority.”- Reminder.	GM (PMU Karimganj)
25	MKCIL/ASSAM/ PKG-06/386	18.07.2025	Regarding review comments of Independent Engineer on MPR of June-2025.	TL
26	MKCIL/ASSAM/ PKG-06/387	18.07.2025	Submission of profile and credential of Aeron composite Pvt. Ltd. for source approval.	TL
27	MKCIL/ASSAM/ PKG-06/389	18.07.2025	Regarding submitted Pavement Design Report	TL
28	MKCIL/ASSAM/ PKG-06/392	19.07.2025	Submission of Contract Price Weightage as per Annexure - I of Schedule – G of Concession Agreement - reg	TL
29	MKCIL/ASSAM/ PKG-06/396	21.07.2025	Request for Immediate Demolition of Structures Hindrance.	GM (PMU Karimganj)
30	MKCIL/ASSAM/ PKG-06/400	25.07.2025	Regarding Compliance Submission of observations on Typical RE Wall Design and Drawing.	TL
31	MKCIL/ASSAM/ PKG-06/401	25.07.2025	Submission of PMS-01	TL
32	MKCIL/ASSAM/ PKG-06/404	26.07.2025	Regarding Submission of RE Wall Drawing for LVUP at Ch. 94+625.	TL
33	MKCIL/ASSAM/ PKG-06/407	28.07.2025	Submission of profile and credential of JAM (Jindal) Infra Pvt. Ltd for source approval.	TL
34	MKCIL/ASSAM/ PKG-06/408	28.07.2025	Submission of profile and credential of Fibretron Composites Private Ltd for source approval.	TL
35	MKCIL/ASSAM/ PKG-06/409	28.07.2025	Regarding Submission of Design and Drawing for Super Structure of VUP at Ch.97+000 (1x20) & 100+290 (1x20)	TL
36	MKCIL/ASSAM/ PKG-06/412	31.07.2025	Submission of Contract Price Weightage as per Annexure - I of Schedule – G of Concession Agreement - reg	TL

11.2 Inward Letter (IE)

SN	Letter No.	Date	Subject	To
1	AIPPL- AYOLEEZA/IE/NHIDCL/ Karimganj/PKG06/64	01.07.2025	Regarding submission of third-party test reports and updated documents of Elegant Steel for source approval.	
2	AIPPL- AYOLEEZA/IE/NHIDCL/ Karimganj/PKG06/65	01.07.2025	Regarding storage of Reinforcement Bar	
3	AIPPL- AYOLEEZA/IE/NHIDCL/ Karimganj/PKG06/67	12.07.2025	Regarding submission of contract price weightage as per Annexure I of Schedule G of Concession Agreement	
4	AIPPL- AYOLEEZA/IE/NHIDCL/ Karimganj/PKG06/68	14.07.2025	Regarding Review Comments of Independent Engineer Regarding submission of Monthly Progress Report of June 2025	

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5	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/69	14.07.2025	Regarding Submission of Design of Staging of Deck Slab for MNB, LVUP & VUP.	
6	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/70	15.07.2025	Submission of Monthly Progress Report for the month of June 2025.	
7	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/71	16.07.2025	Submission of Design & Drawing for Foundation & Substructure of VUP at Ch-97.000(1x20) and Ch 100.290(1x20)	
8	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/72	16.07.2025	Submission of Design & Drawing for Box Culvert at Ch 101+064 (1X4X2).	
9	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/73	16.07.2025	Submission of Typical Design & Drawing for Precast Box Culvert (1X2X2)	
10	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/74	16.07.2025	Submission of Typical Design & Drawing for Precast Box Culvert (1X3X3).	
11	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/75	16.07.2025	Submission of Typical Design & Drawing for Precast Additional Box Culvert (1X4X3)	
12	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/76	17.07.2025	Submission of GAD for Box Culverts (1x2x2) at Ch 93+355, Ch 99+447 & Ch99+517.	
13	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/77	18.07.2025	Maintenance of Existing Road During Construction Period	
14	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/78	18.07.2025	Finalization of Contract Price Weightage as per Annexure - I of Schedule – G of Concession Agreement	
15	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/79	21.07.2025	Submission of profile & Credentials of Tech-fab India for source approval.	
16	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/80	23.07.2025	Submission of Typical Design & Drawing of RE Wall.	
17	AIPPL/IE/Chandkhira Village/Pkg.-06/Assam/2025/2130	24.07.2025	Finalization of Contract Price Weight-age as per Annexure - I of Schedule – G of Concession Agreement	GM (PMU Karimganj)
18	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/93	28.07.2025	Submission of Payment Milestone-I (First)	

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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.

S N	Letter No.	Date	Subject	To
1	MKCIL/ASSAM/PKG- 06/277	02.06.2025	Notification of Flood Fury and Extremely Heavy Torrential Rain as per Article 28 of the Concession Agreement.	TL (AIPPL)
2	MKCIL/ASSAM/PKG- 06/289	07.06.2025	Notification regarding closure of Major Bridge (Known as Gammon Bridge) over Barak River as per Article 28, Force Majeure.	TL (AIPPL)
3	MKCIL/ASSAM/PKG- 06/308	16.06.2025	Notifying the delay in Providing Right of Way to the Concessionaire in respect of all land.	GM (NHIDCL)
4	MKCIL/ASSAM/PKG- 06/315	18.06.2025	Notification regarding collapse of Bridge over Harang River as per Article 28, Force Majeure of the Concession Agreement.	TL (AIPPL)

**CHAPTER-13
NON-CONFORMANCE REPORT**

NIL

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**CHAPTER-14
WEATHER REPORT**

Report for the month

Sl no.	Date	Temperature (In °c)		Humidity (In %)		Rainfall (mm)	Weather Condition	Remarks
		Minimum	Maximum	Minimum	Maximum			
1	01-07-2025	28.9	31.9	76.0	83.0	20.0	Sunny/Rainy	
2	02-07-2025	29.1	30.5	77.0	82.0	0.0	Sunny	
3	03-07-2025	29.4	31.1	78.0	81.0	0.0	Sunny	
4	04-07-2025	29.6	32.1	77.0	82.0	12.0	Sunny/Rainy	
5	05-07-2025	28.1	30.9	78.0	83.0	41.3	Sunny/Rainy	
6	06-07-2025	28.2	31.1	76.0	84.0	12.8	Sunny/Rainy	
7	07-07-2025	28.8	30.4	81.0	88.0	40.0	Sunny/Rainy	
8	08-07-2025	26.7	28.9	84.0	90.0	44.6	Sunny/Cloudy	
9	09-07-2025	26.8	28.4	86.0	91.0	18.4	Sunny/Cloudy	
10	10-07-2025	28.1	30.2	81.0	88.0	7.8	Sunny/Cloudy	
11	11-07-2025	29.3	31.4	77.0	83.0	0.0	Sunny	
12	12-07-2025	29.7	31.9	78.0	82.0	0.0	Sunny	
13	13-07-2025	29.2	31.1	71.0	78.0	0.0	Sunny	
14	14-07-2025	28.1	30.3	77.0	83.0	25.2	Sunny/Rainy	
15	15-07-2025	28.2	30.9	78.0	91.0	0.0	Sunny	
16	16-07-2025	27.9	29.8	80.0	87.0	10.4	Sunny/Rainy	
17	17-07-2025	28.3	30.9	78.0	84.0	9.2	Sunny/Rainy	
18	18-07-2025	28.1	30.4	80.0	85.0	70.0	Sunny/Rainy	
19	19-07-2025	28.8	30.2	84.0	92.0	12.8	Rainy/Cloudy	
20	20-07-2025	28.1	31.4	85.0	90.0	0.0	Sunny/Rainy	
21	21-07-2025	28.1	30.2	81.0	89.0	34.6	Sunny/Rainy	
22	22-07-2025	29.4	32.1	81.0	87.0	0.0	Sunny	
23	23-07-2025	30.1	32.9	76.0	86.0	0.0	Sunny	
24	24-07-2025	29.2	32.4	80.0	89.0	0.0	Sunny/Cloudy	
25	25-07-2025	28.1	30.9	77.0	88.0	29.0	Sunny/Rainy	
26	26-07-2025	28.2	29.8	86.0	93.0	15.2	Sunny/Rainy	
27	27-07-2025	28.4	30.2	87.0	92.0	6.0	Sunny/Rainy	
28	28-07-2025	27.2	30.5	85.0	91.0	19.0	Sunny/Rainy	
29	29-07-2025	29.4	33.1	78.0	85.0	0.0	Sunny/Cloudy	
30	30-07-2025	28.9	31.2	77.0	86.0	13.0	Sunny/Rainy	
31	31-07-2025	28.8	30.9	76.0	82.0	0.0	Sunny	

Rainfall Data					
SN	Description	Total Rainfall(mm)	Up to previous month(mm)	This month(mm)	Remark
1	Rainfall	2466.8	2025.5	441.3	

The maximum & minimum weather records are summarized below:

TEMPERATURE/ RAINFALL PERIOD: 1 st July, 2025 to 31 st July, 2025				
Temperature		Rainfall		
Maximum (in ° C)	Minimum (in ° C)	Maximum (in mm)	Minimum (in mm)	Total Days
26.7	33.1	70	6.0	20

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CHAPTER-15
ACCIDENT REPORT

NIL

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.

CHAPTER-17

SITE PHOTOGRAPHS



FDD Checking 92+350 to 92+440 RHS



FDD Checking 94+480 to 94+520 RHS

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CH-100+290 VUP Wall Work In Progress



CH-98+590 Curing Work in Progress

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Electric Pole Shifting in progress



Cube Testing in front GM-NHIDCL (Authority)

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Diversion and Safety Barricading 92+250