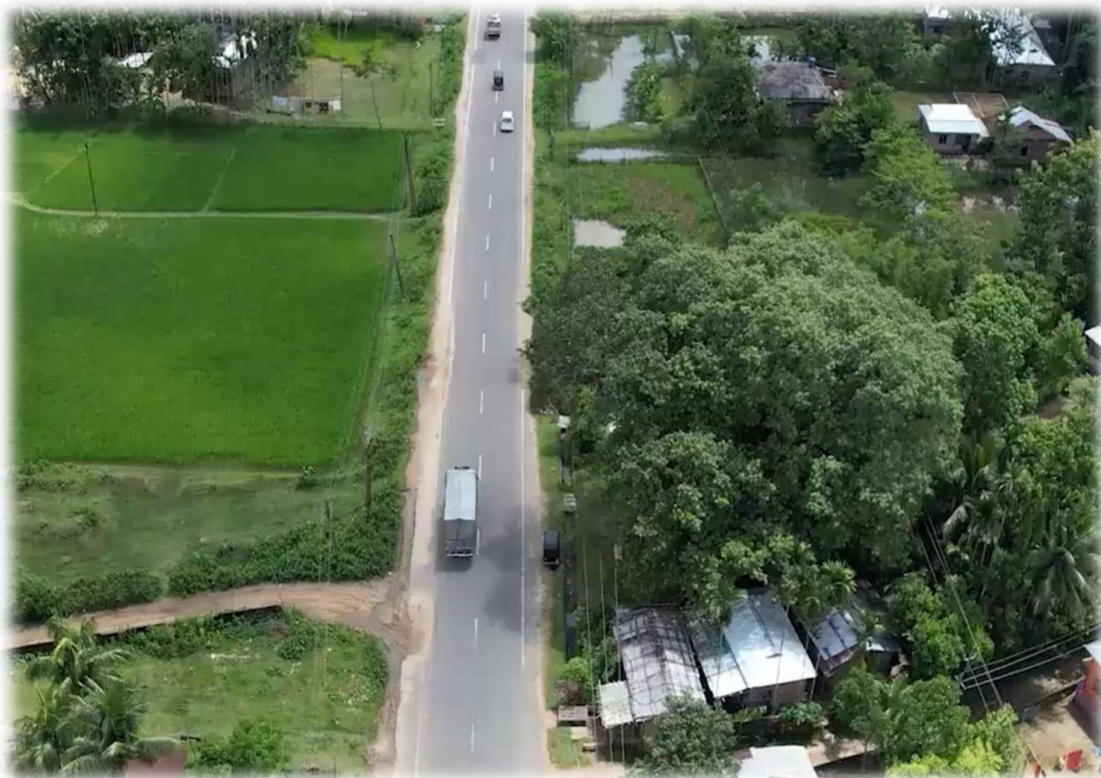


Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)

Monthly Progress Report

October-2025



Authority		National Highways Infrastructure Development Corporation Limited
Independent Engineer		M/s Agnitio Infrastructure Projects Pvt. Ltd. in JV with M/s Ayoleeza Consultants Pvt. Ltd.
Concessionaire		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)

TABLE OF CONTENTS

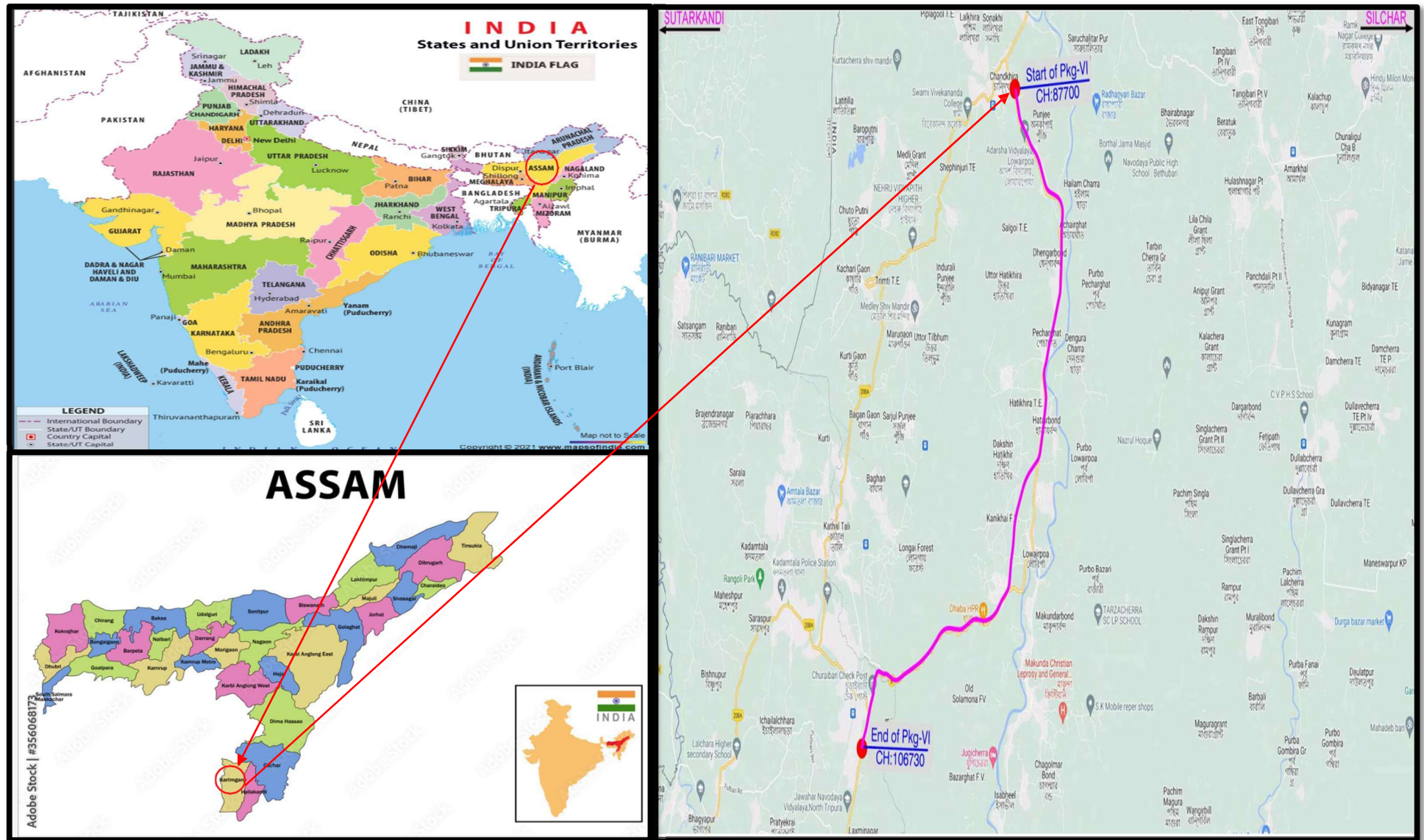
CHAPTERS	DESCRIPTIONS	PAGES
	TABLE OF CONTENTS	
	Project Road Location Map / Index Map	
	EXECUTIVE SUMMARY	
	1. The Project Road	
	2. Mobilization	
	3. Pre-Construction Activity	
	4. EPC Contractor	
	5. Status of Project Works Progress	
	6. Design & Drawing	
	7. Work Program	
	8. Quality Control & Material	
	9. Supervision and Monitoring of Project works	
	10. Site Visit and Meeting	
	11. Schedule Completion Date	
	12. Operation and Maintenance (O&M)	
	13. Area of Concern	
	14. Current Issues	
1	INTRODUCTION	
	General	
2	CONTRACT DATA	
3	SALIENT FEATURES OF PROJECT HIGHWAY	
	3.1 Pavement Composition (MCW)	
	3.2 Details of New/ Widening of Structures and Project Facilities	
4	SCOPE OF WORKS AND PROJECT FACILITIES	
	4.1 Scope of Works	
	4.2 Project Facilities	
5	PRE-CONSTRUCTION ACTIVITY	
	5.1 Obligations	
	5.2 Shifting of Utilities	
	5.3 Tree Cutting	
	5.4 Land Acquisition	
6	MOBILIZATION	
	6.1 Manpower Mobilization of Concessionaire	
	6.2 Manpower Mobilization of Independent Engineer	

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	DEPLOYMENT OF PLANTS AND EQUIPMENT / PROJECT SET UP PLAN	
	7.1 Plants and Equipment Deployed	
8	DESIGN AND DRAWING	
	8.1 Design	
	8.2 Drawing	
	8.3 Status of Drawings	
9	PROJECT WORK PROGRESS	
	9.1 Work Progress	
	9.2 S Curve of Project	
	9.3 Weightages of Components	
	9.4 Highway work Progress	
	9.5 Detailed Structure Works Progress	
10	QUALITY CONTROL AND MATERIAL	
	10.1 Quality Control	
	10.2 Site Laboratory	
	10.3 Material Testing	
	10.3.1 Soli and Aggregates	
	10.3.2 Cement	
	10.3.3 Reinforcement Steel	
	10.3.4 Status of Material Sources Approvals & Mix Designs	
	10.3.5 Details of QC Test conducted during the month	
11	CORRESPONDENCE	
12	FORCE MAJEURE EVENT	
13	NON-CONFORMANCE REPORT	
14	WEATHER REPORT	
15	ACCIDENT REPORT	
16	ROAD MAINTENANCE AND SAFETY REPORT	
17	PROJECT PROGRESS PHOTOGRAPHS	

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 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.

6. Design and Drawing

The status of approval of Working Drawings for road works and structures submitted to Authority as on dated **31-10-2025** 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	Nos	5.0	3.0	3.00	2.0	
4.	Minor Bridge	Nos.	24.00	22.00	22.00	2.00	
5.	Underpass	Nos.	6.00	6.00	6.00	0.00	
6.	Box-Culvert	Nos.	38.00	38.00	38.00	0.00	
7.	HPC	Nos.	10.00	08.00	08.00	2.00	

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	12.900	68.62%	BHS	5.890	38.38%

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.	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	92+780	LHS	
6.	Small Temple Structure	94+300	RHS	
7.	Temple	94+760	LHS	
8.	Jama Masjid	95+650	RHS	
9.	Temple	95+750	RHS	
10.	Bishnu Temple	100+800	LHS	
11.	Old Temple Shed & Pipal Tree	102+610	RHS	
12.	Shiv Temple Shed	104+400	LHS	
13.	Temple Building	105+800	RHS	
14.	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:

DETAILS OF ENCUMBRANCES WITHIN ROW											
Sr. No	Chainage		Side	Total Length (KM)	Remark		Chainage		Side	Total Length (KM)	Remark
	From	To					From	To			
1	87+700	87+750	LHS	0.050	structure		88+000	88+030	RHS	0.030	structure
2	88+010	88+100	LHS	0.090	structure		88+910	88+970	RHS	0.060	structure
3	88+960	88+980	LHS	0.020	structure		90+100	90+270	RHS	0.170	structure
4	89+700	89+830	LHS	0.130	structure		90+500	90+530	RHS	0.030	structure
6	89+870	89+900	LHS	0.030	structure		91+300	91+340	RHS	0.040	structure
7	90+030	90+060	LHS	0.030	structure		91+700	91+800	RHS	0.100	structure
8	90+080	90+100	LHS	0.020	structure		92+290	92+320	RHS	0.030	structure
9	90+300	90+430	LHS	0.130	structure		92+900	93+000	RHS	0.100	structure
12	91+530	91+630	LHS	0.100	structure		93+430	93+460	RHS	0.030	structure
13	91+700	91+920	LHS	0.220	structure		93+950	94+000	RHS	0.050	structure
14	92+370	92+400	LHS	0.030	structure		94+420	94+450	RHS	0.030	structure
15	93+500	93+530	LHS	0.030	structure		95+100	95+200	RHS	0.100	structure
16	93+740	93+760	LHS	0.020	structure		95+650	95+680	RHS	0.030	structure
17	94+200	94+400	LHS	0.200	structure		95+700	95+850	RHS	0.150	structure
18	94+480	94+500	LHS	0.020	structure		100+430	100+450	RHS	0.020	structure
19	94+630	94+700	LHS	0.070	structure		100+500	100+600	RHS	0.100	structure
20	95+250	95+350	LHS	0.100	structure		100+720	100+800	RHS	0.080	structure
21	95+480	95+500	LHS	0.020	structure		100+950	101+050	RHS	0.100	structure
22	95+600	95+795	LHS	0.195	structure		102+208	106+500	RHS	4.292	Forest Land
23	100+700	100+850	LHS	0.150	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+208	106+500	LHS	4.292	Forest Land						
Total Hindered Length				6.247	LHS					5.542	RHS
Total Hindered Length BHS in RMT				11.789							

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)

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 **68.62%** of the land is currently free from encumbrances.

b) Proposal of COS: - The proposal of Change of scope for unsuitable soil is still pending by the end of IE/authority.

c) Remark of joint inspection- The remark of the joint inspection, referenced under letter no. **MKCIL/ASSAM/PKG-06/250**, for the existing minor bridge at location **98+267** and **99+247** is still pending by the end IE/Authority.

d) 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.

e) Unpredictable rainfall: - During this month, the occurrence of unpredictable rainfall has adversely affected site activities, resulting in a slowdown in the overall progress of the 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)

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

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)

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)

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
				Sub-Grade	R-GSB	R-WMM	DBM	BC
Service Road/Slip Road				500.00	200.00	175.00	50.00	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, 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) 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 Patrol 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)

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	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		Labour License	Done	
10	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)

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	In Progress	
5	Water Pipeline Crossing	Nos.	24	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	Non Forest area
2.	Total Felling of Trees	441.00	
3.	Balance Trees	250.00	

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 March, 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.

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

DETAILS OF ENCUMBRANCES WITHIN ROW											
Sr. No	Chainage		Side	Total Length (KM)	Remark		Chainage		Side	Total Length (KM)	Remark
	From	To					From	To			
1	87+700	87+750	LHS	0.050	structure		88+000	88+030	RHS	0.030	structure
2	88+010	88+100	LHS	0.090	structure		88+910	88+970	RHS	0.060	structure
3	88+960	88+980	LHS	0.020	structure		90+100	90+270	RHS	0.170	structure
4	89+700	89+830	LHS	0.130	structure		90+500	90+530	RHS	0.030	structure
6	89+870	89+900	LHS	0.030	structure		91+300	91+340	RHS	0.040	structure
7	90+030	90+060	LHS	0.030	structure		91+700	91+800	RHS	0.100	structure
8	90+080	90+100	LHS	0.020	structure		92+290	92+320	RHS	0.030	structure
9	90+300	90+430	LHS	0.130	structure		92+900	93+000	RHS	0.100	structure
12	91+530	91+630	LHS	0.100	structure		93+430	93+460	RHS	0.030	structure
13	91+700	91+920	LHS	0.220	structure		93+950	94+000	RHS	0.050	structure
14	92+370	92+400	LHS	0.030	structure		94+420	94+450	RHS	0.030	structure
15	93+500	93+530	LHS	0.030	structure		95+100	95+200	RHS	0.100	structure
16	93+740	93+760	LHS	0.020	structure		95+650	95+680	RHS	0.030	structure
17	94+200	94+400	LHS	0.200	structure		95+700	95+850	RHS	0.150	structure
18	94+480	94+500	LHS	0.020	structure		100+430	100+450	RHS	0.020	structure
19	94+630	94+700	LHS	0.070	structure		100+500	100+600	RHS	0.100	structure
20	95+250	95+350	LHS	0.100	structure		100+720	100+800	RHS	0.080	structure
21	95+480	95+500	LHS	0.020	structure		100+950	101+050	RHS	0.100	structure
22	95+600	95+795	LHS	0.195	structure		102+208	106+500	RHS	4.292	Forest Land
23	100+700	100+850	LHS	0.150	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+208	106+500	LHS	4.292	structure						
Total Hindered Length				6.247	LHS					5.542	RHS
Total Hindered Length BHS in RMT				11.789							

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

Sr. No.	Name of Employee	Designation	Department
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.	Lakshman Samai	Surveyor	Survey
10.	Saurav Nayak	Junior Surveyor	Survey
11.	Vinay Ram Dubey	Assistant 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.	Nilamber Mahto	Lab Technician	QA/QC
19.	Shivam Shroshria	G.E.T	QA/QC
20.	Pritom Manna	Junior Engineer	QA/QC
21.	Debjyoti jena	Junior Engineer	QA/QC
22.	Deepak Kumar Mishra	Deputy Manager	Highway
23.	Mohan Kumar Jha	Senior Engineer	Highway
24.	Sonu	Senior Engineer	Highway
25.	Beetan Banarje	Senior Engineer RE Wall	Highway
26.	Ashwini Gupta	Engineer	Highway
27.	Md Shariqre Alam	Jr. Engineer	Highway
28.	Pawan Gupta	Jr. Engineer	Highway
29.	Sadanand Yadav	Jr. 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)

30.	Ram Narain Sharma	Sr. Supervisor	Highway
31.	Surendra Sharma	Sr. Supervisor	Highway
32.	Bharat Mahto	Sr. Supervisor	Highway
33.	Gopal Karol	Supervisor	Highway
34.	Karuparthi Kumarswamy	DPM	Structure
35.	Sohan Mishra	Manager	Structure
36.	Jagdish Yadav	Senior Engineer	Structure
37.	Varun Kumar Gautam	Engineer	Structure
38.	Abhishek Singh	Engineer	Structure
39.	Vishal Kumar	Engineer	Structure
40.	Nilesh Kumar	Junior Engineer	Structure
41.	Barun Dubey	Junior Engineer	Structure
42.	Sumit Kumar	Junior Engineer	Structure
43.	Shubham Pandey	Junior Engineer	Structure
44.	Ankit Krishnaut	GET	Structure
45.	Jagdish Pandey	Manager	Planning & Billing
46.	Abhay Kr. Singh	Senior Engineer	Planning & Billing
47.	Rajesh Gantayata	Assistant Engineer	Planning & Billing
48.	Abhinab Kishore	Engineer	Planning & Billing
49.	Harsh	Engineer	Planning & Billing
50.	Tarun Kumar	Get	Planning & Billing
51.	Bikash Chandra Sahu	Senior Executive	IT
52.	Santosh Kumar Jena	Manager	Store
53.	Santosh Kumar Yadav	Senior Executive	Store
54.	Ankit Kumar	Executive	Store
55.	Shiva Dutta Pani	Executive	Store
56.	Asheesh Shukla	Executive	Store
57.	Govind Ram Nagar	Officer	Store
58.	Rahul Mandal	Jr. Executive	Store
59.	Vikas Kumar Ojha	Supervisor	Store
60.	Shailesh Kumar Singh	Supervisor	Store
61.	Ram Mohan Pandey	Supervisor	Store
62.	Sanjay Singh	Supervisor	Store
63.	Arvind Ray	Supervisor	Store
64.	Yashwant Raj	Supervisor	Store
65.	Bhaskar Ganguly	Manager	Mechanical
66.	Milan Kumar Swain	Sr. Engineer	Mechanical
67.	Rajiv Ranjan	Engineer	Mechanical

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)

68.	Sahajan Alom Choudhury	Executive	Mechanical
69.	Aman Kumar	Executive	Mechanical
70.	Mithilesh Kumar	Executive	Mechanical
71.	Debasis Sahoo	Sr, Supervisor	Mechanical
72.	Vijay Ram Dubey	Fleet In-Charge	Mechanical
73.	Shiv Kr. Pareek	Executive	F & A
74.	Shivam Singh	Junior Executive	H.S.E - Safety
75.	Rishu Kumar	Engineer	Electrical

6.2 Manpower Mobilization of Independent Engineer

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

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)

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	02	
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	04	
13	LMV Vehicle	11	
14	Diesel Tanker	02	
15	Trailer	01	
16	DG	12	
17	Tractor	03	
18	Boom Placer	01	
19	Water Tanker	01	
20	Loader	01	
21	Paver	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 **October 31, 2025**, 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	1.00	
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	22	22	
Box Culverts	38	38	38	
Pipe Culvert	10	8	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)

CHAPTER-9

PROJECT WORK PROGRESS

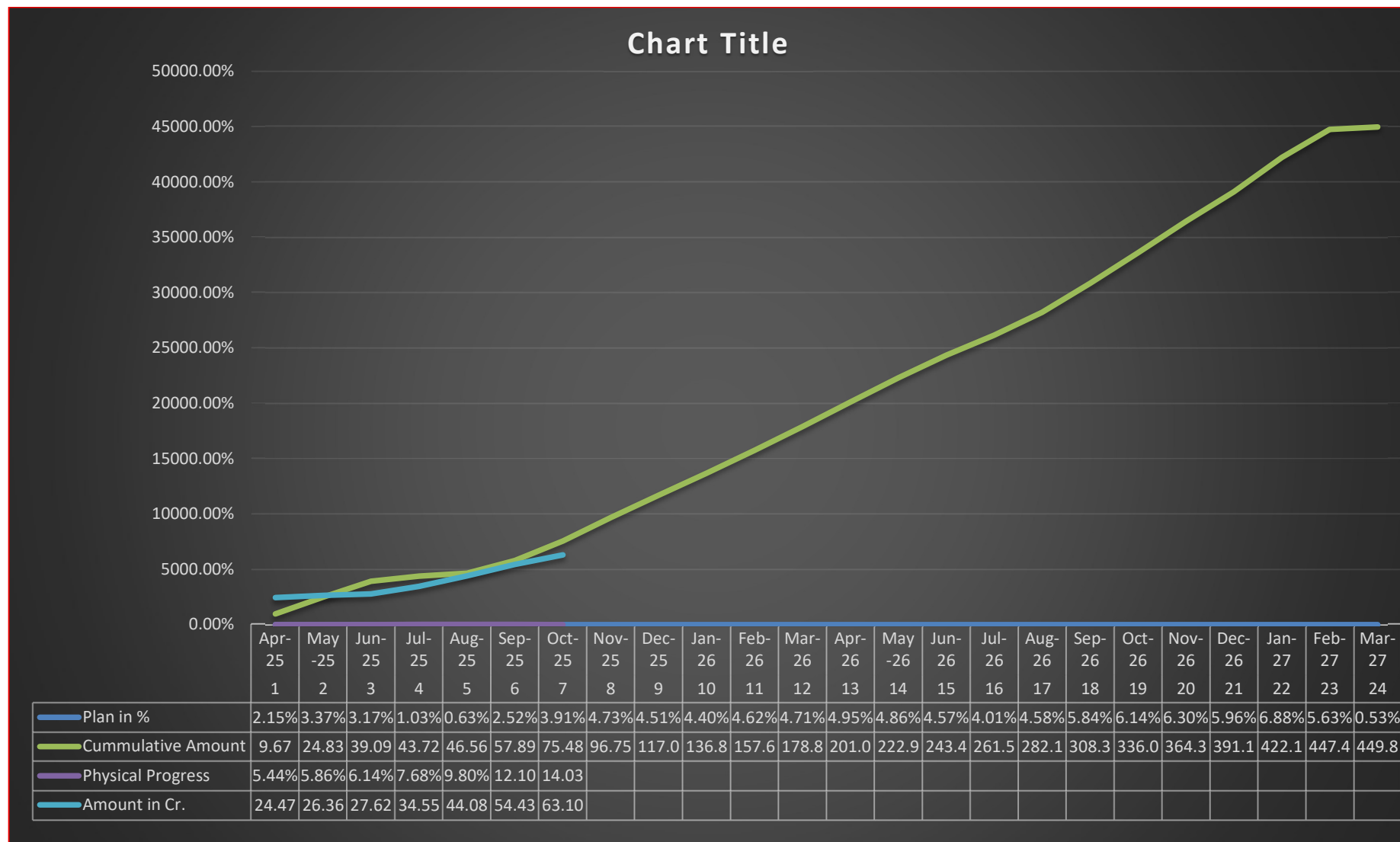
9.1 Work Progress:

Progress as per Schedule G for the month October-2025.

Schedule-G							
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
Road works including culverts, minor Bridges, underpasses, overpasses, approaches to ROB/RUB/Major Bridges/Strctures (But excluding service road)	A - Widening and strengthening of existing road						
	(1) Earthwork upto top of Sub-grade	L-Km	26.17	15.79%	4.40	16.8%	2.7%
	(2) Granular work (Sub-base, base,shoulder)						
	(a) GSB	L-Km	26.17	5.19%		0.0%	0.0%
	(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%	2.00	6.3%	0.1%
	(7) Widening and repair of Minor Bridges	No.	18.00	4.44%	5.00	27.8%	1.2%
	B - New 4 Lane Realignment/Bypass						
	(1) Earthwork upto top of Sub-grade	L-Km	10.67	5.16%	0.96	9.0%	0.5%
	(2) Granular work (Sub-base, base, Shoulder)						
	(a) GSB	L-Km	10.67	2.50%		0.0%	0.0%
	(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%
	C- New Culverts, Minor Bridges, underpasses, overpasses on existing road, realignment, bypasses:						
	1) Culverts	No.	64.00	3.52%	21.00	32.8%	1.2%
	2) Minor Bridges						
	a) Foundation	No.	62.00	7.87%	8.00	12.9%	1.0%
	b) Sub-Structure	No.	62.00	2.54%	7.00	11.3%	0.3%
	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	2.32%		0.0%	0.0%
	c-ii) Slab - after Completion of Slab (60%)	No.	42.00	3.48%	5.00	11.9%	0.4%
	5) Grade Separated Structures						
	a) Underpasses						
Structures (Elevated Section, Reinforced earth)	i) Foundation	No.	16.00	3.12%	14.00	87.5%	2.7%
	ii) Sub-Structure	No.	16.00	1.38%	12.00	75.0%	1.0%
	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	0.74%			
	iii-b) Slab - after Completion of Slab (60%)	No.	12.00	1.10%	8.00	66.7%	0.7%
	iv) Reinforced earth wall (includes Approaches or 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 casting of such precast panels/blocks for complete approach						
	i) Re-Wall using Panel/Blocks Casting (5%)	Sq.m	52,300.00	0.08%	42,000.00	80.3%	0.1%
	ii) Re-Wall using Panel/Blocks Erection (95%)	Sq.m	52,300.00	1.56%	150.00	0.3%	0.0%
	UTILITY SHIFTING						
	EHT Crossing	No.	8.00	1.59%			
Electrical and Public Health Utilities	HT/LT lines (including Transformers if any)	Km	18.80	0.35%	7.00	37.2%	0.1%
	HT/LT crossings	No.	67.00	2.36%	34.00	50.7%	1.2%
	Water pipeline	L-Km	26.98	0.49%	26.98	100.0%	0.5%
	Water pipeline crossings	No.	23.00	0.32%	3.00	13.0%	0.0%
	MISSCELANEOUS WORKS						
Other Works	i) - Service Road / Slip Road	L-Km	20.90	4.23%			
	iii) Road Side Drains	L-Km	20.90	3.78%	1.60	7.7%	0.3%
	iv) - Road signs,markings, Km Stone, Safety devices						
	(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%
	v) - Project Facilities						
	(a) Bus bays	No.	12.00	0.03%		0.0%	0.0%
	(c) Rest Area	No.	1.00	0.59%			
	viii) - Protection Work						
	(b) Toe / Retaining Wall	L-Km	2.56	2.60%		0.0%	0.0%
	x) Miscellaneous						
	(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%
Grand Total >>>				100.00%			14.0299%

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)

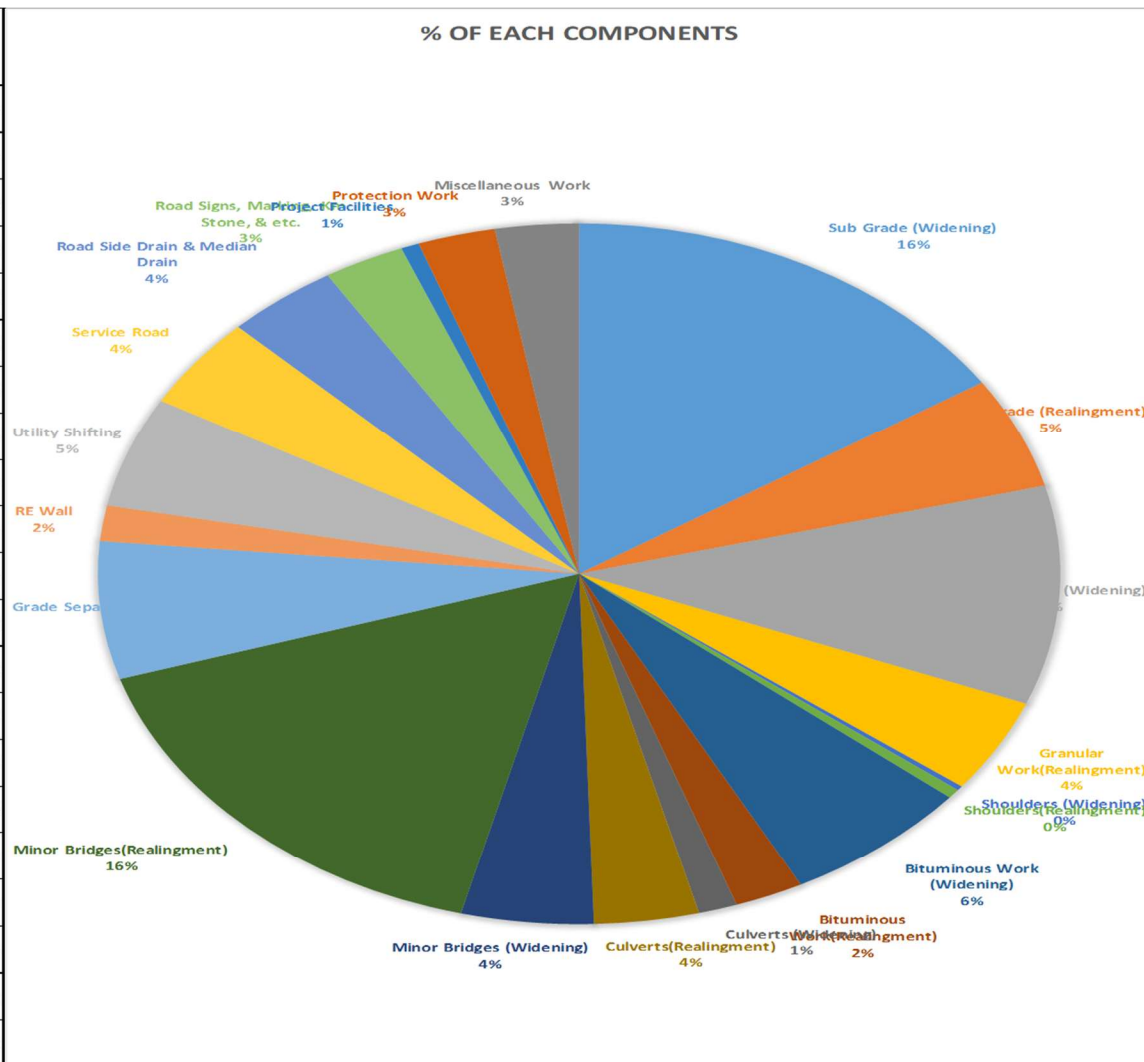
9.2 S Curve



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 Drain	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:

RHS	LHS						RHS	LHS						RHS	LHS						RHS	LHS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	BC	DBM	AIL	CTSB/ GSB	Sub-Grade	Embankment		Chainage	C&G	Embankment	Sub-Grade	CTSB/ GSB	WMM		AIL	DBM	BC	Chainage	C&G	Embankment		Sub-Grade	CTSB/ GSB	WMM	AIL	DBM	BC	Chainage	C&G	Embankment	Sub-Grade	CTSB/ GSB	WMM	AIL	DBM	BC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

[illegible]

Station	LHS	RHS
93+700		
93+720		
93+740		
93+760		
93+780		
93+800		
93+820		
93+840		
93+860		
93+880		
93+900		
93+920		
93+940		
93+960		
93+980		
94+000		
94+020		
94+040		
94+060		
94+080		
94+100		
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94+300		
94+320		
94+340		
94+360		
94+380		
94+400		
94+420		
94+440		
94+460		
94+480		
94+500		
94+520		
94+540		
94+560		
94+580		
94+600		
94+620		
94+640		
94+660		
94+680		
94+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)									
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
LHS	Chainage	C&G	Embankment	Sub-Grade	CTS/ GSB	WMM	AIL	DBM	BC
RHS									

RHS		Chainage		LHS											
BC	DBM	AIL	WMM	CTSB/ GSB	Sub-Grade	Embankment	C&G	Chainage	Embankment	Sub-Grade	CTSB/ GSB	WMM	AIL	DBM	BC
								101+710							
								101+720							
								101+730							
								101+740							
								101+750							
								101+760							
								101+770							
								101+780							
								101+790							
								101+800							
								101+810							
								101+820							
								101+830							
								101+840							
								101+850							
								101+860							
								101+870							
								101+880							
								101+890							
								101+900							
								102+000							
								102+010							
								102+020							
								102+030							
								102+040							
								102+050							
								102+060							
								102+070							
								102+080							
								102+090							
								102+100							
								102+110							
								102+120							
								102+130							
								102+140							
								102+150							
								102+160							
								102+170							
								102+180							
								102+190							
								102+200							
								102+210							
								102+220							
								102+230							
								102+240							
								102+250							
								102+260							
								102+270							
								102+280							
								102+290							
								102+300	</						

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)

RHS	Chainage	LHS					
		BC	DBM	AIL	WMM	CTS/ GSB	Sub-Grade
	104+710						
	104+720						
	104+730						
	104+740						
	104+750						
	104+760						
	104+770						
	104+780						
	104+790						
	104+800						
	104+810						
	104+820						
	104+830						
	104+840						
	104+850						
	104+860						
	104+870						
	104+880						
	104+890						
	104+900						
	104+910						
	104+920						
	104+930						
	104+940						
	104+950						
	104+960						
	104+970						
	104+980						
	104+990						
	105+000						
	105+010						
	105+020						
	105+030						
	105+040						
	105+050						
	105+060						
	105+070						
	105+080						
	105+090						
	105+100						
	105+110						
	105+120						
	105+130						
	105+140						
	105+150						
	105+160						
	105+170						
	105+180						
	105+190						
	105+200						
	105+210						
	105+220						
	105+230						
	105+240						
	105+250						
	105+260						
	105+270						
	105+280						
	105+290						
	105+300						
	105+310						
	105+320						
	105+330						
	105+340						
	105+350						
	105+360						
	105+370						
	105+380						
	105+390						
	105+400						
	105+410						
	105+420						
	105+430						
	105+440						
	105+450						
	105+460						
	105+470						
	105+480						
	105+490						
	105+500						
	105+510						
	105+520						
	105+530						
	105+540						
	105+550						
	105+560						
	105+570						
	105+580						
	105+590						
	105+600						
	105+610						
	105+620						
	105+630						
	105+640						
	105+650						
	105+660						
	105+670						
	105+680						
	105+690						
	105+700						
	104+710						
	104+720						
	104+730						
	104+740						
	104+750						
	104+760						
	104+770						
	104+780						
	104+790						
	104+800						
	104+810						
	104+820						
	104+830						
	104+840						
	104+850						
	104+860						
	104+870						
	104+880						
	104+890						
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	104+920						
	104+930						
	104+940						
	104+950						
	104+960						
	104+970						
	104+980						
	104+990						
	105+000						
	105+010						
	105+020						
	105+030						
	105+040						
	105+050						
	105+060						
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	105+100						
	105+110						
	105+120						
	105+130						
	105+140						
	105+150						
	105+160						
	105+170						
	105+180						
	105+190						
	105+200						
	105+210						
	105+220						
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	105+350						
	105+360						
	105+370						
	105+380						
	105+390						
	105+400						
	105+410						
	105+420						
	105+430						
	105+440						
	105+450						
	105+460						
	105+470						
	105+480						
	105+490						
	105+500						
	105+510						
	105+520						
	105+530						
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	105+550						
	105+560						
	105+570						
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	105+150						
	105+160						
	105+170						
	105+180						
	105+190						
	105+200						
	105+210						
	105+220						
	105+230						
	105+240						
	105+250						
	105+260						
	105+270						
	105+280						
	105+290						
	105+300						
	105+310						
	105+320						
	105+330						

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)

RHS	Chainage	LHS
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	
	105+790	
	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	
	106+100	
	106+110	
	106+120	
	106+130	
	106+140	
	106+150	
	106+160	
	106+170	
	106+180	
	106+190	
	106+200	
	106+210	
	106+220	
	106+230	
	106+240	
	106+250	
	106+260	
	106+270	
	106+280	
	106+290	
	106+300	
	106+310	MNB 106+306
	106+320	
	106+330	
	106+340	
	106+350	
	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	

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											
	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												

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)

9.5.2 Status of Box Culvert

S Z	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	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)

9.5.3 Status of Minor Bridge

SI.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										
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 **31th October 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 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 Metalics and Energy Limited Elegant Steel.

10.3.4 Status of materials source approval & Mix Design

Mix Design				
Sr. No.	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
	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

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)

Cement				
Sr. No.	Brand Name	Letter No.	Status	IE Letter No.
1.	Black Tiger Cement	MKCIL/ASSAM/PKG-06/148 dt. 22.03.2025	Not approved	
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		

Reinforcement Steel				
Sr. No.	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
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
4.	Shyam Metalics & Energy Ltd.	MKCIL/ASSAM/PKG-06/175 dt. 04.04.2025		

Admixture				
Sr. No.	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
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

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)

GFRP Bar				
Sr. No.	Brand Name	Letter No.	Status	IE letter no.
(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

Test Laboratory				
Sr. No.	Brand Name	Letter No.	Status	IE letter no.
1	Avian Lab	MKCIL/ASSAM/PKG-06/270 dt. 31.05.2025	Approved	L 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	L 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)

Monthly Laboratory Report

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

Summary of Quality Control Test For The Month of October-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)	516	498	18	26	21	5	542	519	23	4	4	0	15.38	
(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.	206	206	0	7	7	0	213	213	0	4	4	0	57.14	
2.2	Grain size analysis (GSA)	IS : 2720 (P-4)	2 Test's / 3000 Cum.	206	206	0	7	7	0	213	213	0	4	4	0	57.14	
2.3	Liquid limits (LL)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	206	206	0	7	7	0	213	213	0	4	4	0	57.14	
2.4	Plasticity Index (PI)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	206	206	0	7	7	0	213	213	0	4	4	0	57.14	
2.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	2 Test's / 3000 Cum.	206	206	0	7	7	0	213	213	0	4	4	0	57.14	
2.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	1 Test's / 3000 Cum.	104	104	0	4	4	0	108	108	0	2	2	0	50.00	
2.7	Field Compaction Test (Emb)	IS : 2720 (P-28)	1 Set / 3000 Sqm. (1Set = 10 Pit's)	2970	2899	71	155	147	8	3125	3046	79	80	72	8	51.61	
2.8	Field Compaction Test (Subgrade)	IS : 2720 (P-28)	1 Set / 2000 Sqm. (1Set = 10 Pit's)	601	569	32	10	9	1	611	578	33	5	5	0	50.00	
(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	206	206	0	31	31	0	237	237	0	10	10	0	32.26	
3.2	Flakiness Index (FI)	IS : 2386 (P-1)	1 Test for source / Weekly	27	27	0	4	4	0	31	31	0	1	1	0	25.00	
3.3	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test for source / Weekly	27	27	0	4	4	0	31	31	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	206	206	0	31	31	0	237	237	0	12	12	0	38.71	
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	206	206	0	31	31	0	237	237	0	10	10	0.0	32.26	
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	22	22	0	5	5	0	27	27	0	3	3	0.0	60.00	
4.5	Moisture correction	IS : 2386 (P-3)	1 Test / Every day's work	206	206	0	31	31	0	237	237	0	10	10	0.0	32.26	

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)

(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	29	29	0	10	10	0	39	39	0	2	2	0	20.00	
5.2	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	70	70	0	10	10	0	80	80	0	3	3	0	30.00	
➤ Grade of Concrete : M-15 PCC																	
5.3	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	18	18	0	16	16	0	34	34	0	5	5	0	31.25	
5.4	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	43	43	0	43	43	0	10	10	0	23.26	
➤ 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	11	11	0	25	25	0	36	36	0	8	8	0	32.00	
5.12	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	42	42	0	42	42	0	15	15	0	35.71	
➤ Grade of Concrete : M-30 RCC																	
5.13	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	163	163	0	40	40	0	203	203	0	35	35	0	87.50	
5.14	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	388	388	0	94	94	0	482	482	0	80	80	0	85.11	
➤ Grade of Concrete : M-35 RCC																	
5.15	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	68	68	0	5	5	0	73	73	0	3	3	0	60.00	
5.16	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	153	153	0	38	38	0	191	191	0	30	30	0	78.95	
➤ 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	82	82	0	23	23	0	105	105	0	6	6	0	26.09	
5.20	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	196	196	0	76	76	0	272	272	0	20	20	0	26.32	
➤ Grade of Concrete : M-40 RCC																	
5.21	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	38	38	0	23	23	0	61	61	0	4	4	0	17.39	
5.22	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	53	53	0	67	67	0	120	120	0	20	20	0	29.85	
➤ 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	
➤ 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	33	33	0	10	10	0	43	43	0	6	6	0	60.00	
6.2	Normal Consistency	IS : 4031 (P-4)	1 Test Every Batch of Cement	33	33	0	10	10	0	43	43	0	5	5	0	60.00	
6.3	Initial Setting Time	IS : 4031 (P-5)	1 Test Every Batch of Cement	33	33	0	10	10	0	43	43	0	5	5	0	50.00	
6.4	Final Setting time	IS : 4031 (P-5)	1 Test Every Batch of Cement	33	33	0	10	10	0	43	43	0	5	5	0	50.00	
6.5	Compressive Strength (03 Days)	IS : 516	1 Test Every Batch of Cement	35	35	0	8	8	0	43	43	0	3	3	0	37.50	
6.6	Compressive Strength (07 Days)	IS : 516	1 Test Every Batch of Cement	38	38	0	8	8	0	46	46	0	4	4	0	50.00	
6.7	Compressive Strength (28 Days)	IS : 516	1 Test Every Batch of Cement	33	33	0	7	7	0	40	40	0	5	5	0	71.43	
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). Gravel 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-II)	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 Pts)	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)

(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	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	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	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	0.00
8.5	Combined Flakiness & Elongation (FI & EI)	IS : 2386 (P-1)	1 Test / 500 Cum	0	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	0.00
8.7	Soundness	IS : 2386 (P-3)	As Required	0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.00
(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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0
11.8	Solubility Test	IS : 1216	As Required	0	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	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	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	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	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	0
13.2	Water Content	IS : 8887:2004	As Required	0	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	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	0
14.2	Water Content	IS : 8887:2004	As Required	0	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	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)

THIRD PARTY TESTS (NABL ACCREDITED LABORATORY)																	
(XV). Coarse Aggregates																	
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	2	2	0	1	1	0	3	3	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	3	3	0	0	0	0	3	3	0	0	0	0	0.00	
16.2	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00	
16.3	Water Absorption	IS : 2386 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00	
16.4	Deleterious Content	IS : 2386 (P-1)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00	
16.5	Silt Content	IS : 2386 (P-4)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00	
16.6	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00	
16.7	Soundness	IS : 2386(P-5)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00	
16.8	Organic Impurities	IS : 2386 (P-8)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00	
16.9	Finesness Modulus	IS : 383	1 Test / Source	3	3	0	0	0	0	3	3	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	
(XXVII). Soil																	
26.1	Direct Shear Test	ASTM C309	As per Source 1 Test/ As Required	3	3	0	0	0	0	3	3	0	0	0	0	0.00	
Remarks:																	

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-06/514	03.10.2025	Permission for Temporary Closure of Hathikhira Bypass (Ch. 97+000 to 100+300) and Diversion of Traffic via Lowaipuwa – Reg.	GM (NHIDCL)
2	MKCIL/ASSAM/PKG-06/515	03.10.2025	Submission of Monthly Progress Report for the month of September-2025.	TL (AIPPL)
3	MKCIL/ASSAM/PKG-06/516	03.10.2025	Regarding finalization of Pavement Design.	TL (AIPPL)
4	MKCIL/ASSAM/PKG-06/518	06.10.2025	Submission of Bar Bending schedule for Approval.	TL (AIPPL)
5	MKCIL/ASSAM/PKG-06/519	06.10.2025	Regarding Submission of details of Borrow Area 3A RHS & 4A LHS for Approval.	TL (AIPPL)
6	MKCIL/ASSAM/PKG-06/520	06.10.2025	Regarding Submission of Profile and Credentials for Approval – Procurement of Pre-Stressing Components.	TL (AIPPL)
7	MKCIL/ASSAM/PKG-06/523	08.10.2025	Submission of Payment Milestone -II (2nd).	TL (AIPPL)
8	MKCIL/ASSAM/PKG-06/526	10.10.2025	Maintenance and Repairing of Existing highways Reply to Notice".	GM (NHIDCL)
9	MKCIL/ASSAM/PKG-06/528	14.10.2025	Regarding formal reminder of proposed Pavement Design approval.	TL (AIPPL)
10	MKCIL/ASSAM/PKG-06/529	14.10.2025	Regarding Clarification on Change of Scope for Alignment of Minor Bridge at Chainage 106+306 (1x20m).	TL (AIPPL)
11	MKCIL/ASSAM/PKG-06/531	17.10.2025	Reg. Submission of Aggregate 20mm Samples for Conducting Third Party Test.	Managing Director (Avian Test Lab)
12	MKCIL/ASSAM/PKG-06/533	18.10.2025	Reg. Printing arrangement at concrete batch mix.	TL (AIPPL)
13	MKCIL/ASSAM/PKG-06/534	18.10.2025	Delay in Providing Right of Way & Forest Clearance for works permission to the Concessionaire in Respect of All Land – 2nd Reminder.	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)

11.2. Inward Letter AIPPL and NHIDCL

Sr.No	Letter no.	Date	Subject	From
1	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/163	03.10.2025	Regarding Submission of Design and Drawing for MNB at Ch. 95+595 (1x20).	AIPPL-AYOLEEZA (JV)
2	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/164	06.10.2025	Regarding Monthly Progress Report for the Month of September 2025.	AIPPL-AYOLEEZA (JV)
3	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/167	07.10.2025	Printing Arrangement at Concrete Batch Mix Plant at Base Camp Km 88+700.	AIPPL-AYOLEEZA (JV)
4	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/168	08.10.2025	Review & Comments of Independent Engineer Regarding Submission of Monthly Progress Report for the month of September 2025.	AIPPL-AYOLEEZA (JV)
5	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/169	09.10.2025	Submission of Details for Approval of Borrow Area.	AIPPL-AYOLEEZA (JV)
6	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/170	10.10.2025	Regarding Submission of Typical Design & Drawing for Drain.	AIPPL-AYOLEEZA (JV)
7	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/171	10.10.2025	Regarding Submission of Revised Design and Drawing MNB at Ch. 98+511 (1x6) & 98+634 (1x6)	AIPPL-AYOLEEZA (JV)
8	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/172	13.10.2025	Regarding Payment during Construction period on Achievement of Payment Milestone-2 (Second).	AIPPL-AYOLEEZA (JV)
9	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/173	23.10.2025	Regarding Clarification on Change of scope for Alignment of Minor Bridge at Chainage 106+306 (1x20m).	AIPPL-AYOLEEZA (JV)
10	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/176	23.10.2025	Clarification Regarding ROW and Structure Width in Reference to Contract Agreement.	AIPPL-AYOLEEZA (JV)
11	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/178	25.10.2025	Forwarding of Concessionaire's Proposed Pavement Design Incorporating Geogrid-Stabilized Layers – Request for Review and Approval	AIPPL-AYOLEEZA (JV)
12	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/179	29.10.2025	Regarding Third party Testing of Fine Aggregate (Balachera River Sand) for Deleterious Materials and Organic Impurities.	AIPPL-AYOLEEZA (JV)
13	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/180	26.10.2025	Arrangement of Temporary diversion at Ch. 98+631 LHS.	AIPPL-AYOLEEZA (JV)
14	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/181	29.10.2025	Regarding Slow Progress of Work.	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)

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.

SN	Letter no.	Date	Subject	To
1	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)
2	MKCIL/ASSAM/PKG-06/475	10.09.2025	Delay in providing Right of Way to concessionaire in respect Of all land -Reminder	TL (AIPPL)
3	MKCIL/ASSAM/PKG-06/496	19.09.2025	Regarding Encumbrances on Site.	GM (NHIDCL)

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

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-14
WEATHER REPORT**

Sl no.	Date	Temperature (In °c)		Humidity (In %)		Rainfall (mm)	Weather Condition
		Minimum	Maximum	Minimum	Maximum		
1	01-10-2025	28.5	30.2	78.0	86.0	17.0	Cloudy/Rainy
2	02-10-2025	26.6	29.8	79.0	84.0	31.8	Cloudy/Rainy
3	03-10-2025	28.3	30.7	78.0	85.0	18.2	Cloudy/Rainy
4	04-10-2025	28.4	30.5	77.0	82.0	0.0	Sunny
5	05-10-2025	28.1	30.8	79.0	84.0	23.0	Sunny/Rainy
6	06-10-2025	27.5	29.7	80.0	90.0	71.8	Rainy
7	07-10-2025	27.2	29.9	82.0	91.0	40.5	Sunny/Rainy
8	08-10-2025	27.6	29.1	84.0	90.0	22.0	Cloudy/Rainy
9	09-10-2025	27.4	29.0	82.0	89.0	54.2	Cloudy/Rainy
10	10-10-2025	27.3	29.2	79.0	86.0	98.2	Cloudy/Rainy
11	11-10-2025	27.4	29.5	81.0	93.0	0.0	Sunny
12	12-10-2025	27.9	30.2	80.0	88.0	0.0	Sunny
13	13-10-2025	27.6	29.9	81.0	90.0	0.0	Sunny
14	14-10-2025	28.8	30.1	82.0	91.0	0.0	Sunny
15	15-10-2025	28.1	29.8	81.0	90.0	0.0	Sunny
16	16-10-2025	28	30.9	80.0	89.0	0.0	Sunny
17	17-10-2025	27.9	29.8	79.0	87.0	0.0	Sunny
18	18-10-2025	27.5	29.0	79.0	89.0	0.0	Sunny
19	19-10-2025	28.3	30.7	78.0	90.0	0.0	Sunny
20	20-10-2025	26.6	29.8	79.0	89.0	0.0	Sunny
21	21-10-2025	27.5	29.7	80.0	90.0	0.0	Sunny
22	22-10-2025	28	31.9	65.0	80.0	0.0	Sunny
23	23-10-2025	28.7	33.1	68.0	81.0	0.0	Sunny
24	24-10-2025	28.1	30.9	76.0	84.0	0.0	Sunny
25	25-10-2025	27.8	31.6	77.0	85.0	0.0	Sunny
26	26-10-2025	27.5	32.8	75.0	84.0	0.0	Sunny
27	27-10-2025	26	31.7	79.0	92.0	0.0	Sunny
28	28-10-2025	27.3	30.2	78.0	89.0	0.0	Sunny
29	29-10-2025	28.2	32.3	70.0	88.0	10.2	Sunny/Rainy
30	30-10-2025	27.8	31.7	72.0	90.0	0.0	Sunny
31	31-10-2025	26.2	30.8	74.0	87.0	22.4	Sunny/Rainy

Rainfall Data					
SN	Description	Total Rainfall(mm)	Up to previous month(mm)	This month(mm)	Remark
1	Rainfall	4342.7	3933.4	409.3	

The maximum & minimum weather records are summarized below:

TEMPERATURE/ RAINFALL PERIOD: 1 st October, 2025 to 31 th , 2025				
Temperature		Rainfall		
Maximum (in ° C)	Minimum (in ° C)	Maximum (in mm)	Minimum (in mm)	Total Days
33.1	26	98.2	10.2	

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

6ACCIDENT REPORT

NIL

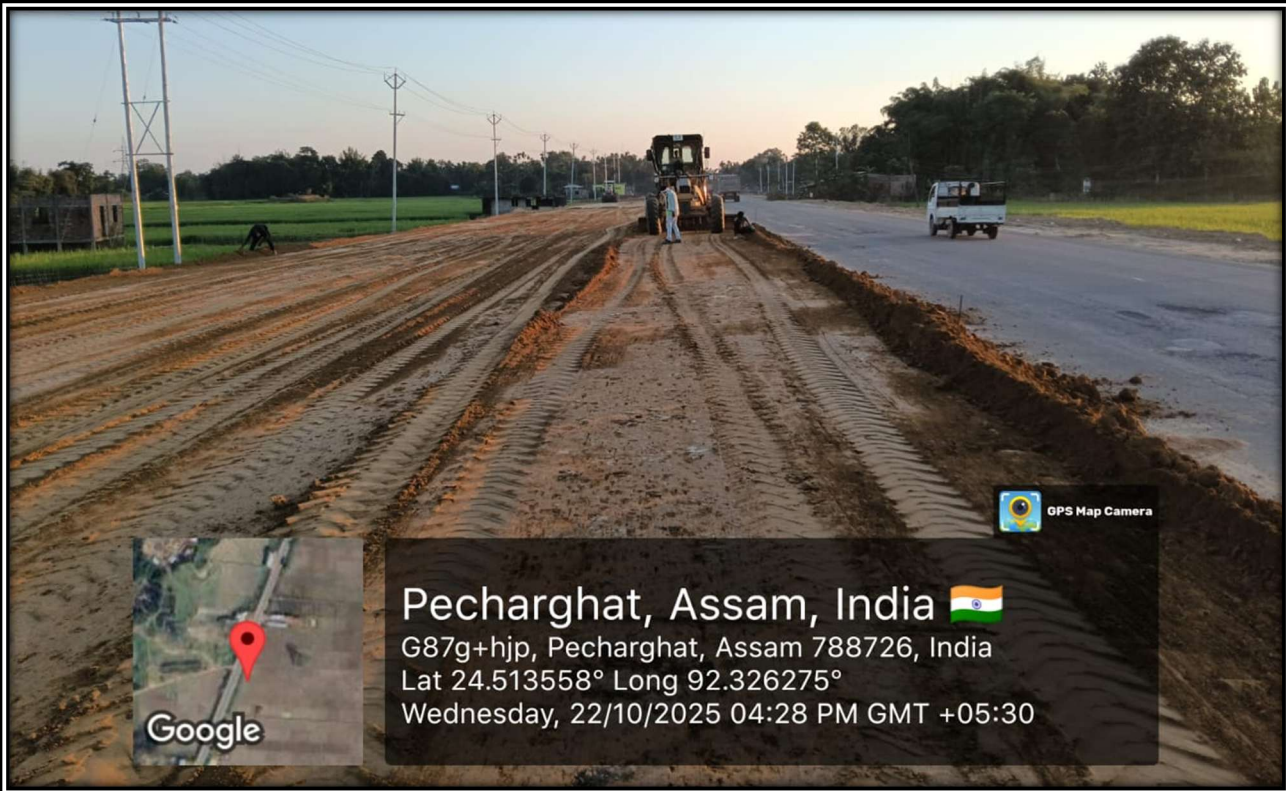
CHAPTER-16

ROAD MAINTENANCE & SAFETY REPORT

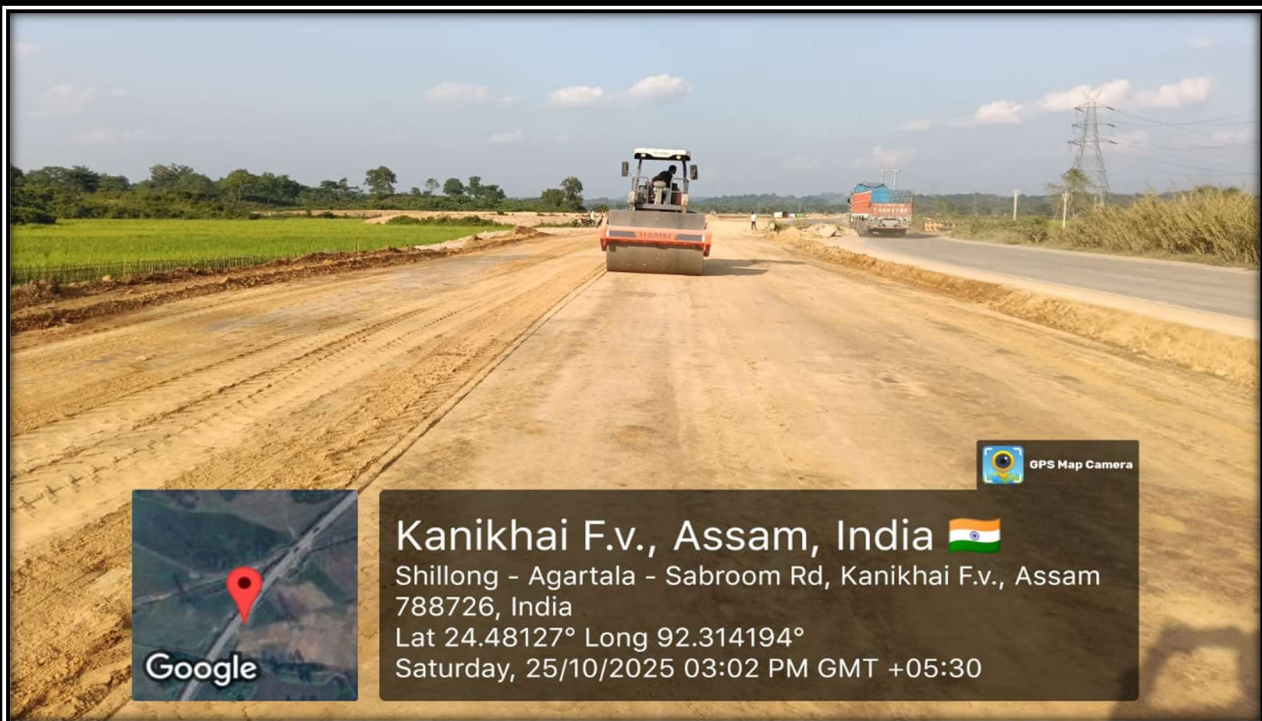
The Traffic Safety Arrangements during the execution of works is being carried out by the Concessionaire for safe movement of vehicles on the project highway. The Concessionaire has provided sufficient road signs, temporary barriers, gunny bags filled with soil with reflective stickers etc. at the construction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

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



Subgrade work at chainage-93+850 LHS



Sub-Grade top at chainage-97+700RHS

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)



Box-culvert backfilling work at chainage-92+862 A1



Excavation work for Retaining wall at chainage-98+587

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)



Plank casting for MNB slab-98+631



Reinforcement Placing work at 97+000 VUP

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)



Reinforcement work for slab at chainage 89+543(Sr. Road)



Reinforcement work at chainage-97+102 MNB (Sr.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)



Friction slab casting work in Progress at Ch.- 95+350



Excavation work at chainage- 95+595 (for MNB foundation)

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)



Excavation work at chainage-97+000 (VUP)



G89G+XXV, Shillong - Agartala - Sabroom Rd, Dhengarbong, Assam
788726, India 🇮🇳

Latitude
24.51930263°
Local 10:51:46 AM
GMT 05:21:46 AM

Longitude
92.32859983°
Altitude 31 meters
Tuesday, 28.10.2025

Pre-Cast Box-culvert Erection work at chainage-93+118

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)



Reinforcement placing work at 98+634 (MNB)



Formwork for Super-structure at chainage-98+508 (MNB)

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)



Reinforcement work at chainage-90+543(MNB)



RE Block curing work in progress at Ch.- 95+100