

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

Monthly Progress Report

DECEMBER - 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 (PKG-4) Highways Pvt. Ltd.

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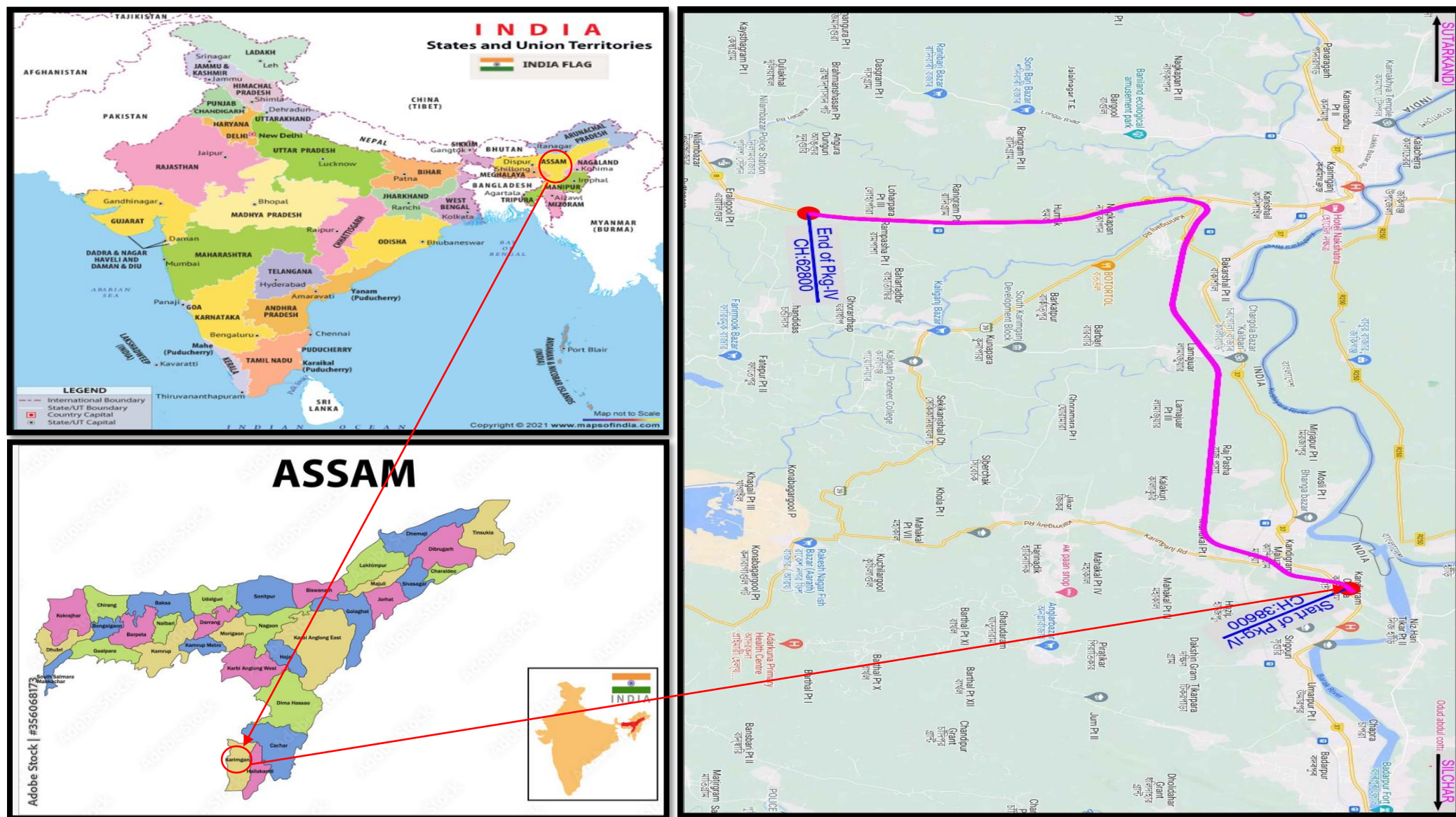
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PROJECT LOCATION MAP / INDEX MAP



Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

EXECUTIVE SUMMARY

The Concessionaire has signed the Concession Agreement with National Highway Infrastructure Development Corporation Limited (NHIDCL) on dated September 17, 2024. This Executive Summary presents the works progress of the Project Highway during the construction period from August 18, 2025 to August 18, 2027.

1. The Project Road:

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2. Mobilization:

The Concessionaire has mobilized the required Engineers/ Staff Personnel, Machineries/Equipment's, Plants and established main Base Camp at CH: - 55+200 RHS (Sharifnagar).

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. Design and Drawing

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

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-04/414, dated 18.12.2025 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-04/167 on dated 05.08.2025. 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

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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 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 August 18, 2025, the Scheduled completion Date shall occur on August 18, 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.

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

Procurement of ROW- The existing ROW and the stretches of 24.20 km. are subjected to following:

a) Stretches/ Hindered Free Land 19.50 Km out of 24.20 Km:

Stretches/ Hindered Free Land				Encumbrances/ Hindered Land		
Sr. No.	Side	Length (Km)	%	Side	Length (Km)	%
1.	BHS	19.50	80.58%	BHS	4.700	19.42%

b) Hindered due to Tree Cutting:

Description	Total Nos.	Impacted Length (km)	Remarks
Total Trees	648	7.0	

c) Encumbrances due to Religious Structure:

Sr. No.	Types	Chainage	Side	Village	Remarks
1	Tree Tample	40+000	RHS	Kankalesh Part-I	
2	Masjid	50+800	RHS	Nathupur Part-I	
3	Danpra (masjid)	55+200	RHS	Saidambor Part-I	
4	Sani Mandir (ROW)	56+200	LHS	Saidambor Part-II	

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5	Danptra (Kali Mandir)	56+550	LHS	Saidambor Part-II	
6	Kali Mandir	56+800	RHS	Saidambor Part-II	
7	Kali Mandir	57+800	RHS	Umarpur Part-I	
8	Sahid Smark	58+875	LHS	Umarpur Part-II	
9	Sani mandir & Pipal	58+975	RHS	Umarpur Part-II	
10	Kali Mandir	59+750	RHS	Umarpur Part-III	
11	Satsang bhawan	60+030	RHS	Umarpur Part-III	
12	Hajrat ali Masjid	61+800	RHS	Berajal	
13	Kali Mandir	62+800	LHS	Bhuja	

d) Details of Hidered Land:

DETAILS OF ENCUMBRANCES WITHIN ROW					
Sr. No	Chainage		Side	Total Length (KM)	Description
	From	To			
1	39+950	40+200	BHS	250.000	Residencial & Boundary Wall
2	40+550	40+650	BHS	100.000	Building and other Zirats
3	41+400	41+700	RHS	300.000	House and Boundary Wall
4	43+000	43+200	BHS	200.000	Pond/ shades
5	48+350	48+900	BHS	550.000	Residential Building
6	50+800	50+850	RHS	50.000	Residential Building
7	52+920	53+000	BHS	80.000	Office Building
8	53+700	53+900	RHS	200.000	Assam Type House
9	54+360	54+400	RHS	40.000	Assam Type House/ Tin Shade
10	54+700	55+100	LHS	400.000	Assam Type House/RCC Building
11	55+000	55+050	LHS	50.000	Assam Type House/RCC Building
12	55+220	55+270	BHS	50.000	Assam Type House/RCC Building
13	55+540	55+580	RHS	40.000	Assam Type House/RCC Building
14	55+670	55+700	RHS	30.000	Assam Type House/RCC Building
15	56+120	56+200	BHS	80.000	Assam Type House/RCC Building
16	56+510	56+550	BHS	40.000	Assam Type House/RCC Building
17	56+800	56+900	RHS	100.000	Assam Type House/RCC Building
18	57+100	57+130	BHS	30.000	Assam Type House/RCC Building
19	57+600	57+660	RHS	60.000	Assam Type House/RCC Building
20	57+800	58+000	BHS	200.000	Assam Type House/RCC Building
21	58+030	58+080	BHS	50.000	Assam Type House/RCC Building
22	58+950	59+100	BHS	150.000	Assam Type House/RCC Building
23	59+400	60+250	BHS	850.000	Assam Type House/RCC Building
24	60+300	60+550	RHS	250.000	Assam Type House/RCC Building
25	60+580	60+610	RHS	30.000	Assam Type House/RCC Building
26	60+780	60+880	RHS	100.000	Assam Type House/RCC Building

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27	60+980	61+000	RHS	20.000	Assam Type House/RCC Building
28	61+400	61+550	RHS	150.000	Assam Type House/RCC Building
29	61+780	61+810	RHS	30.000	Assam Type House/RCC Building
30	62+030	62+060	RHS	30.000	Assam Type House/RCC Building
31	62+080	62+110	RHS	30.000	Assam Type House/RCC Building
32	62+250	62+400	RHS	150.000	Assam Type House/RCC Building
33	62+500	62+560	RHS	60.000	Assam Type House/RCC Building
52	57+800	58+000	BHS	200.000	Assam Type House/RCC Building
53	58+030	58+080	BHS	50.000	Assam Type House/RCC Building
54	58+950	59+100	BHS	150.000	Assam Type House/RCC Building
55	59+400	60+250	BHS	850.000	Assam Type House/RCC Building
56	60+300	60+550	RHS	125.000	Assam Type House/RCC Building
57	60+580	60+610	RHS	15.000	Assam Type House/RCC Building
58	60+780	60+880	RHS	50.000	Assam Type House/RCC Building
59	60+980	61+000	RHS	10.000	Assam Type House/RCC Building
60	61+400	61+550	RHS	75.000	Assam Type House/RCC Building
61	61+780	61+810	RHS	15.000	Assam Type House/RCC Building
62	62+030	62+060	RHS	15.000	Assam Type House/RCC Building
63	62+080	62+110	RHS	15.000	Assam Type House/RCC Building
64	62+250	62+400	RHS	75.000	Assam Type House/RCC Building
65	62+500	62+560	RHS	30.000	Assam Type House/RCC Building
Total Hindered Length				4700.00	

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14. Current Issues:-

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

- a) **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.
- b) **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 80.58% of the land is currently free from encumbrances(refer the Concessionaire's letter no. MKCIL/ASSAM/PKG-04/424 dated 24.12.2025)
- c) **As per Joint Handover Memorandum (Appendix-I) dated 18.08.2025**

SUMMARY OF LAND ACQUISITION & CLEARANCES

Sl. No	Total Land Required (in Ha)	Available Land (in Ha)	Remaining Land (In Ha)	% Available Land	Hindrance free length (in Km)	% Available Hindrance free length
1	138.06	113.78	• 3A- 19.37 Ha • 3G- 4.91 Ha	82.41%	19.500 Km	80.58%

Note: The hindrance free length is calculated based on the right of way required against construction zone. M/s MKC Badarpur Churaibari Kamakhya (Pkg-4) Highways Pvt. Ltd. will not claim any damages from the Authority as specified in Cl 4.2 of Concession Agreement for the period delay and time extension in accordance with Cl 4.1.2 of Concession Agreement.

Authorized Representative:



M/s MKC Badarpur Churaibari Kamakhya (Pkg-4) Highways Pvt. Ltd.

Date: 18/08/25

Place: Karimganj.

General Manager(P)

18.8.2025

PMU-Karimganj
NHIDCL
General Manager (P)
NHIDCL, PMU-Karimganj
Karimganj, Assam

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- d) Existing Road Maintenance:** One time tender floatation decision for maintenance of the existing road is pending by the end of the Authority.

The Concessionaire has submitted its concern regarding the deteriorated condition of the existing road and clarified that it has only a limited scope of work, which includes only pothole repairs. During the meeting held at HQ, NHIDCL, New Delhi under the chairmanship of the MD (NHIDCL), this issue was acknowledged by the Hon'ble MD (NHIDCL), who directed the PMU and RO to float a one-time tender for the maintenance of the existing road.

- e) Non-Permission from PWD Authorities:** - The Concessionaire has submitted its concern regarding the permission for using the PWD rural roads for carrying of forest materials under Bharat Mala Project vide letter no. MKCIL/ASSAM/PKG-04/056 dated 26.02.2025.

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

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

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

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CHAPTER-1

INTRODUCTION

General

The NHIDCL proposes to implement the development, maintenance, and management of National Highway No. 37 & NH-8 stretch from end of Badarpur Bypass to Nilambazar/Cheragi Bypass Km. 38.600 to Km. 62.800 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.

This executive summary is submitted along with the Final detailed project report to cover the key aspects of the project.

Project Overview

As described earlier the project road stretch from end of Badarpur Bypass to Nilambazar/Cheragi Bypass. The proposed alignment passes through Karimganj district in the state of Assam connecting villages Kandigram, Sharifnagar, Nagkapan, Ranigram, Loharpara, Etc.

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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 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.
2.	Project Length	24.200 km
3.	Project Bid Cost	554.16 Cr.
4.	Authority	National Highways & Infrastructure Development Corporation Limited
5.	Independent Engineer	Agnitio Infrastructure Projects Pvt. Ltd. In JV with Ayoleeza Consultant Pvt Ltd.
6.	Concessionaire	MKC Badarpur Churaibari Kamakhya (PKG-4) Highways Private Limited
7.	Design Consultant	MKC Infrastructure Ltd.
8.	DPR Consultant	Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.
9.	LOA No. & Date	NHIDCL/Procurement/Assam/2023-24/228965/3085 dated 11.03.2024
10.	Date of Concession Agreement	September 17, 2024
11.	Appointed Date	August 18, 2025
12.	Construction Period	730 days (from Appointed Date) [24-Months]
13.	Schedule Completion Date	August 18, 2027
14.	O&M Period	15 Years from the date of COD

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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., May 01, 2026)- (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., October 30, 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., April 30, 2027) (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., August 18, 2027) The concessionaire shall have completed the Project in accordance with the Concession Agreement.

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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.	Pavement Composition in mm.						
	From	To		Sub-Grade	R-GSB	R-WMM	DBM	BC	DLC	PQC
MCW	38+600	62+800	24.200	500.00	200.00	190.00	50.00	30.00	-	-
				Sub-Grade	GSB	R-WMM	BC	-		
Service Road				500.00	200.00	185.00	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.	Railway over Bridge	New Construction	Nos.	2	
2.	Major Bridge	New Construction	Nos.	2	
3.	Minor Bridge	New Construction	Nos.	10	
		Widening and Retained	Nos.	3	
4.	VUP	New Construction	Nos.	5	
5.	LVUP	New Construction	Nos.	4	
6.	SVUP	New Construction	Nos.	0	
7.	Box Underpass	New Construction	Nos.	7	
8.	Box Culvert	New Construction	Nos.	43	
		Reconstruction	Nos.	0	
9.	Hume Pipe Culvert	New Construction	Nos.	0	
10.	Bus Bay		Nos.	1	
11.	Major Junction		Nos.	3	
12.	Minor Junction		Nos.	7	
13.	Cross Road		Nos.	30	
14.	W-beam Single faced metal crash barrier		Rmt.	31092	
15.	Drain (covered)		Rmt.	5300	

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CHAPTER -4

SCOPE OF THE WORKS AND PROJECT FACILITIES

4.1 Scope of Works

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

- Reconstruction of existing 2 lane carriageway to 4 lane divided carriageway including strengthening existing carriageway by providing bituminous overlays in accordance with the Specifications and Standards.
- Construction of 2- ROB, 2- Major Bridge, 13- Minor Bridge, 16- Underpasses, 43- Culverts.
- Construction of Slip Road of 6.290 Km
- Construction of Service Road of 0.860 Km

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) Bus Bay and Bus Shelter
- f) Pedestrian Facilities
- g) Highway Lighting
- h) Rainwater Harvesting
- i) Environmental Management Plan
- j) Advanced Traffic Management System (ATMS)
- k) Highway Petrol Unit
- l) Emergency Medical Services
- m) Crane Services

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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	Completed	
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	
5	Clause 10.3	Joint Memorandum	Executed	

Obligations of Concessionaire-

Sr. No.	Clause No.	Obligation	Status	Remark/ Reference
1	Clause 9.1	Performance Security	Submitted	
2	Article 11	Shifting and Relocation Electrical Utilities	In-Progress	
3	Article 26	Insurance	Done	
4	Clause 4.1.3 (Schedule-E)	Applicable Permits	Done	
5		A permission of State Govt. for boulders extraction	Done	
6		Permission of Village Panchayet and Pollution Board for installation of crushers	Done	
7		License for use of explosives	N.A	
8		Permission of the State Govt. from drawing water from river/ reservoir	Done	
9		Labour Licence	Done	
10	Clause 12.1	Quality Assurance Plan	Done	MKCIL/ASSAM/PKG-04/168
11		Construction Methodology	Done	MKCIL/ASSAM/PKG-04/168

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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	Scope Qty.	Status	Remarks
1.	HT/ LT Lines (including Transformer if any)	Kms	24.20	In Progress	
2.	HT/ LT crossing	Nos.	85	In Progress	
3.	Water Pipelines	Kms	9.07	In Progress	
4.	Water Pipeline Crossing	Nos.	11	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	648	
2.	Total Felling of Trees	14	
3.	Balance Trees	634	

5.4 Land Acquisition

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

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

CHAPTER -6

MOBILIZATION

6.1 Manpower Mobilization of Concessionaire

Sr. No.	Name of Employee	Designation	Department
1	Satish Kumar Pandey	Sr. GM	HQ
2	Manoj Kumar Singh	General Manager	Project
3	Dabasis Sinha	SPM	Highway
4	Proshant Gangwar	Project Manager	Highway
5	Kishore Pejjai	SPM	Structure
6	Proshant Gangwar	Project Manager	Structure
7	Biraj Hazarika	Project Manager	Project
8	Srinivasarao Avula	Deputy Project Manager	Project
9	Dhirendra Thapa	Asst. Manager	HR/Admin
10	Manish Kumar Dixit	Executive	HR/Admin
11	Shyam babu Singh	Manager	Liaison
12	M/S Adiranajan Kumar	Manager	Liaison
13	Deepak Sharma	Executive	Liaison
14	Satyam Dey	Executive	Liaison
15	Samil Hussain Laskar	Executive	Liaison
16	Jagdish Pandey	Asst. Manager	Billing & Planning
17	Vimlesh Tailor	Sr. Engineer	Billing & Planning
18	Sudheer Kumar	Sr. Engineer	Billing & Planning
19	Shamim Ahamd	Sr. Engineer	Billing & Planning
20	Surajit Samanta	Engineer	Billing & Planning
21	Partha Phukan	Asst. Engineer	Accounts
22	Santosh Singh	Dy. Manager	Structure
23	Vageesh Tripathi	Senior Engineer	Structure
24	Ranjan Kumar	Senior Engineer	Structure
25	Brijendra Giri	Senior Engineer	Structure
26	Ajay Kumar	Senior Engineer	Structure

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

27	Souvik Paul	Engineer	Structure
28	Deepak Chauhan	Engineer	Structure
29	Sujit Kumar Ray	Sr. Supervisor	Structure
30	Ankit Chaurasia	Supervisor	Structure
31	Narayan Kumar	Supervisor	Structure
32	Ankit Solanki	Supervisor	Structure
33	Sai Prakash Maddinani	Manager	Highway
34	Avneesh Kumar Pandey	Dy. Manager	Highway
35	Samarjeet Singh	Engineer	Highway
36	Rishab Pal	Senior Engineer	Highway
37	Tapas Basak	Engineer	Highway
38	Arya Yadav	Engineer	Highway
39	Subhash Kumar	Jr. Engineer	Highway
40	Jay Prakash Singh	Senior Supervisor	Highway
41	Anmol	Supervisor	Highway
42	Md. Mohbub Ahmed	Supervisor	Highway
43	Imrat Ahirwar	Supervisor	Highway
44	Yogendra Rai	Supervisor	Highway
45	Ratan Thakur	Supervisor	Highway
46	Krishna Singh	Supervisor	Highway
47	Chandrakant	Supervisor	Highway
48	Manosh Pritm Laskar	Supervisor	Highway
49	Grithartha Gautam Saikia	Supervisor	Highway
50	Jamil Uddin Tappadar	Supervisor	Highway
51	Ashish Koley	Dy. Manager	Survey
52	Jayanta Mallick	Sr. Surveyor	Survey
53	Koushik Rout	Sr. Surveyor	Survey
54	Biswajit Dhara	Sr. Surveyor	Survey
55	Ram Poojan	Surveyor	Survey
56	Amit Singh	Surveyor	Survey

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

57	Subrata Dinda	Sr. Manager	P & M
58	Ajay kumar	Manager	P & M
59	Amit Bhaduria	Executive	P & M
60	Ramkaran Sahu	Engineer	P & M
61	Deepak Thakur	Executive	P & M
62	Amit Tiwari	Supervisor	P & M
63	Indrajit Majumder	Supervisor	P & M
64	Prabhakar Kumar	Jr. Engineer	P & M
65	Subham Kar	Supervisor	P & M
66	Ajmal Hussain Laskar	Foreman	P & M
67	Srihari.CH	Supervisor	P & M
68	Tama	Supervisor	P & M
69	Surajit Das	Asst. Manager	Store
70	Amit Sikarwar	Sr. Executive	Store
71	Deepak Purty	Jr. Executive	Store
72	Sujeet Sharma	Supervisor	Store
73	Sumanta Datta	Supervisor	Store
74	Milan Samanta	Supervisor	Store
75	Ravi Shankar Tripathi	Sr. Manager	QA/QC
76	Ranjan Kumar	Engineer	QA/QC
77	Sujay De Sarkar	Engineer	QA/QC
78	Ashok Kumar Mondal	Engineer	QA/QC
79	Subham Singh	Asst. Engineer	QA/QC
80	Daya Shankar	Lab Tech.	QA/QC
81	Ramprakash Mishra	Lab Tech.	QA/QC
82	Karan Kumar	Lab Tech.	QA/QC
83	Amit Pathak	Lab Tech.	QA/QC
84	Arun Kumar Mondal	Lab Tech.	QA/QC
85	Ravikhanth Kumar	Lab Tech.	QA/QC
86	Pankaj Baser	Jr. Engineer	Electrical
87	Kapil Sharma	Executive	Accounts

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

CHAPTER-7

DEPLOYMENT OF PLANTS AND EQUIPMENT / PROJECT SET UP PLAN

7.1 Plants and Equipment Deployed

S.no	Equipment type	Unit	Qty	Remarks
1	LMV	Nos.	20	
2	TIPPER	Nos.	55	
3	MOBILE CRANE	Nos.	02	
4	SOIL COMPACTOR	Nos.	5	
5	EXCAVATOR	Nos.	11	
6	BACK HOE LOADER	Nos.	07	
7	DIESEL DISPENCER	Nos.	02	
8	TRANSIT MIXER	Nos.	10	
9	TRACTOR	Nos.	01	
10	GRADER	Nos.	5	
11	BABY ROLLER	Nos.	0	
12	HM PLANT	Nos.	0	
13	BATCHING PLANT	Nos.	3	30CPH
14	RE BLOCK PLANT	Nos.	0	
15	DG	Nos.	8	25KV
16	TRAILER	Nos.	3	
17	CRUSHER	Nos.	2	Kalain, Karimganj
18	WATER TANKER	Nos.	4	
19	FARANA	Nos	02	
20	LOADER	Nos.	2	
21	JCB	Nos	7	
22	DOZER	Nos	02	

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

CHAPTER-8

DESIGN AND DRAWING

The project highway has been designed for four lane divided carriageway facility with provision of central raised median of 1.6m. 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 December-31, 2025, is enclosed in this chapter of the report.

Road Works

S N	Description	Unit	Total	Submitted	Approval	Balance	Remarks
1.	Plan & Profile MCW	Km	24.20	24.20	24.20	0.000	
2.	Plan & Profile Slip Road	Km	6.29	0.00	0.000	0.000	
3.	Typical Cross Section	Nos	1.00	1.00	1.00	0.00	
4.	Pavement Design Report	Nos	1.00	1.00	0.00	1.00	
5.	RE Wall	Sqm.	46480.00	-	-	-	
6.	Major Junction	Nos	3.00	-	-	-	
7.	Minor Junction	Nos	7.00	-	-	-	
8.	Bus Bay Drawing	Nos	1.00	-	-	-	
9.	Road Signage Plan	Km	24.20	-	-	-	
10	Boundry Wall	NOS	01	1.00	1.00	0.00	
11	FSCB	NOS	01	1.00	1.00	0.00	

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

Structure Works:-

Structure				
Description	Total Nos	Submitted	Approved	Balance
Box Underpass	7	7	7	0.00
LVUP	4	3	3	0.00
VUP	5	5	5	0.00
MNB	13	13	13	0.00
MJB	2	2	2	0.00
ROB	2	2	2	0.00
Box Culvert	43	43	43	0.00

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

CHAPTER-9

PROJECT WORK PROGRESS

9.1 Work Progress:

9.1.1 Progress Summary

Key reporting metrics	Value/ %/ Amount
Scheduled Physical Progress (%)	5.80%
Cumulative Physical Progress up to current month (%)	5.38%
Physical Progress during current month (%)	4.43%
Financial progress (%)	0.00%
Cumulative Expenditure against Financial till Progress date (Rs Cr)	0.00
Cumulative Expenditure against Physical till Progress date (Rs Cr)	29.81
Test passed as % of total tests witnessed by AE	99.00%
Test passed as % of total tests conducted by AE	99.00%
Number of pending COS proposals	01
Amount for pending COS (Rs Cr)	21.18

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

9.1.1 Progress With Proposed Sch-G

Project Name	Four Laning of Badarpur – Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of proposed Badarpur Bypass) to Km. 62.800 (Start of proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV)						
Authority Engineer	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 Name	MKC Badarapur Churaibari Kamakhya Highways Private Limited						
Total Contract Price	5,54,16,00,000						
Schedule-G							
Item	Stage for measurement of Physical Progress	Unit	Qty.	Weightage in percentage to the contract price	Value of Physical Progress	Physical Progress Qty	Remarks
Road works including culverts, minor Bridges, underpasses, overpasses, approaches to ROB/RUB/Major Bridges/Structures (But excluding service road)	B-New 4 Lane Realignment/Bypass						
	(1) Earthwork up to top of Sub-grade	L-Km					
	(a) Earthwork up to 50% of Embankment Height	L-Km	46.52	15.00%	1.61%	5.00	
	(b) Earthwork up to top of Embankment	L-Km	46.52	15.00%	1.61%	5.00	
	(c) Earthwork up to top of Sub-grade	L-Km	46.52	7.14%	0.27%	1.73	
	(2) Granular work (Sub-base, base, shoulder)						
	(a) GSB	L-Km	46.52	6.21%	0.00%		

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

(b) WMM	L-Km	46.52	4.45%	0.00%		
(3) Shoulders	L-Km	46.52	0.19%	0.00%		
(4) Bituminous Work						
(a) DBM	L-Km	46.52	2.90%	0.00%		
(b) BC	L-Km	46.52	1.80%	0.00%		
C- New Culverts, Minor Bridges, underpasses, overpasses on existing road, realignment, bypasses:						
1) Culverts						
a) Culverts (60% on Casting)	No.	86.00	3.12%	0.58%	16.00	
b) Culverts (40% on Erection)	No.	86.00	2.08%	0.24%	10.00	
2) Minor Bridge						
a) Foundation	No.	39.00	3.02%	0.47%	6.00	
b) Sub-Structure	No.	39.00	1.36%	0.00%	-	
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.	8.00	0.25%	0.00%		
c-ii) Slab - after Completion of Slab (60%)	No.	31.00	1.09%	0.00%		
5) Grade Separated Structures						
a) Underpasses						

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

	i) Foundation	No.	44.00	4.01%	0.36%	4.00	
	ii) Sub-Structure	No.	44.00	1.11%	0.00%	-	
	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.	12.00	0.47%	0.00%		
	iii-b) Slab - after Completion of Slab (60%)	No.	32.00	1.29%	0.00%		
Major Bridge works and ROB/RUB	C- New Major Bridges						
	(1) Foundation						
	(b) Pile Foundation/Well Foundation	No.	14.00	2.63%	0.00%		
	(2) Sub-structure	No.	14.00	0.59%	0.00%		
	(3) 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.						
	3-a) Precast Girder - On Casting (40%)	No.	10.00	0.41%	0.00%		
	3-b) Slab - after Completion of Slab (60%)	No.	10.00	0.61%	0.00%		
	D- New rail-road bridges						
	(a) ROB						
	(1) Foundation	No.	16.00	3.17%	0.00%		
	(2) Sub-structure	No.	16.00	1.44%	0.00%		

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

	(3) 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.						
	3-a) Precast Girder - On Casting (40%)	No.	12.00	1.36%	0.00%		
	3-b) Slab - after Completion of Slab (60%)	No.	12.00	2.05%	0.00%		
Structures (Elevated Section, Reinforced earth)	4) Reinforced Earth Wall (includes Approaches of ROB, Underpasses, Overpasses, 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 facia panels/blocks for one complete approach.						
	i) Re Panel/Blocks Casting (5%)	Sq.m	46,480.00	0.04%	0.00%		
	ii) Re Panel/Blocks Erection (95%)	Sq.m	46,480.00	0.80%	0.00%		
	UTILITY SHIFTING						
Electrical and Public Health Utilities	HT/LT lines (including Transformers if any)	Km	24.20	1.72%	0.21%	3.00	
	HT/LT crossings	No.	85.00	0.65%	0.02%	3.00	
	Water pipeline	Km	9.07	0.07%	0.00%		
	Water pipeline crossings	No.	11.00	0.06%	0.00%		
	MISSCELANEOUS WORKS						
Other Works	i) Service Road/ Slip Road	L-Km	7.15	1.59%	0.00%		
	ii) Toll Plaza	No	1.00	0.57%	0.00%		
	iii) Road Side Drains	L-Km	5.30	0.53%	0.00%		
	iv) Road signs, markings, Km Stone, Safety devices						

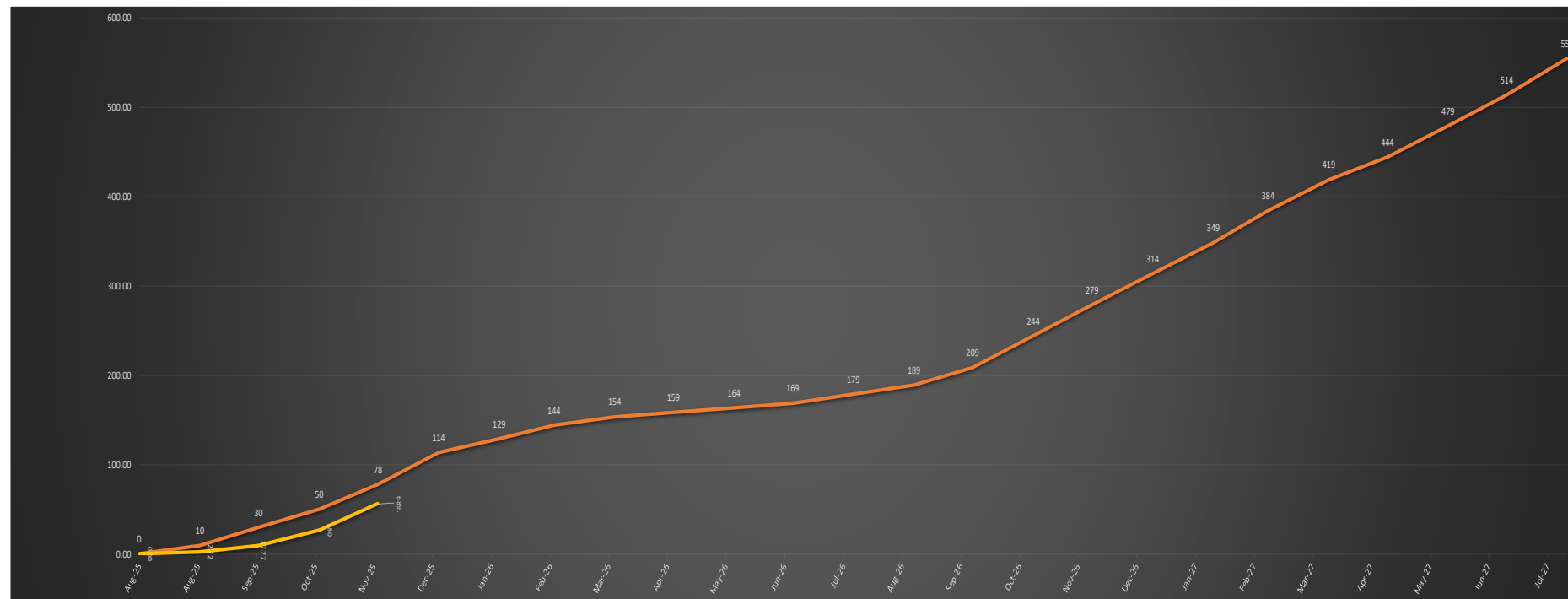
Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

(a) Road signs, markings, Km Stone	L-Km	48.40	0.37%	0.00%		
(d) Concrete Crash Barrier/W Beam Crash Barrier in Road work	L-Km	33.674	1.62%	0.00%		
v) Project Facilities						
(a) Bus bay	No.	2.00	0.05%	0.00%		
(c) Rest Area	No.	2.00	0.41%	0.00%		
v) Protection Work						
(a) Boulder Pitching on Slopes	L-Km	18.040	1.15%	0.00%		
(b) Toe Wall / Retaining Wall	L-Km	6.51	5.45%	0.00%		
vi) Miscellaneous						
(a) Boundary Wall	RMT	46,520.00	0.79%	0.00%		
(b) Junctions	No.	45.00	0.46%	0.00%		
(c) Street Lightning	No.	913.00	0.29%	0.00%		
(d) ATMS, HTMS, Traffic Aid Posts, Medical aid Posts, Vehicle Recue Posts, Telecom System	Km	24.20	0.63%	0.00%		
Grand Total			100.00%	5.38%		

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9.2 S - Curve

S Curve



Months	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	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27
Monthly Target in (%)	0.00%	1.80%	3.61%	3.61%	5.80%	6.47%	2.71%	2.71%	1.80%	0.90%	0.90%	0.90%	1.80%	1.80%	3.61%	6.32%	6.32%	6.32%	6.32%	6.32%	6.32%	4.51%	6.32%	6.32%	7.28%
Monthly Targets In (Cr)	0.00	10.00	20.00	20.00	28.00	35.83	15.00	15.00	10.00	5.00	5.00	5.00	10.00	10.00	20.00	35.00	35.00	35.00	35.00	35.00	35.00	25.00	35.00	35.00	40.33
Monthly Archive In (%)	0.00%	0.49%	1.29%	3.09%	5.38%																				
Monthly Achieved (In Crs)	0.00	2.72	7.15	17.12	29.81	0.00																			
Cumulative Targets In (Cr)	0.00	10.00	30.00	50.00	78.00	113.83	128.83	143.83	153.83	158.83	163.83	168.83	178.83	188.83	208.83	243.83	278.83	313.83	348.83	383.83	418.83	443.83	478.83	513.83	554.16
Cumulative Achieved (Cr)	0.00	2.72	9.86	26.99	56.80																				

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

9.3 Highway Progress:

		38+600 to 39+600									
LHS	BC										
	DBM										
	WMM										
	GSB										
	Sub-Grade										
	Embankment										
	C&G										
Chainage		38+600	38+610	38+620	38+630	38+640	38+650	38+660	38+670	38+680	38+690
RHS	BC										
	DBM										
	WMM										
	GSB										
	Sub-Grade										
	Embankment										
	C&G										
Chainage		38+700	38+710	38+720	38+730	38+740	38+750	38+760	38+770	38+780	38+790
Chainage		38+800	38+810	38+820	38+830	38+840	38+850	38+860	38+870	38+880	38+890
Chainage		38+900	38+910	38+920	38+930	38+940	38+950	38+960	38+970	38+980	38+990
Chainage		40+000	40+010	40+020	40+030	40+040	40+050	40+060	40+070	40+080	40+090
Chainage		40+100	40+110	40+120	40+130	40+140	40+150	40+160	40+170	40+180	40+190
Chainage		40+200	40+210	40+220	40+230	40+240	40+250	40+260	40+270	40+280	40+290
Chainage		40+300	40+310	40+320	40+330	40+340	40+350	40+360	40+370	40+380	40+390
Chainage		40+400	40+410	40+420	40+430	40+440	40+450	40+460	40+470	40+480	40+490
Chainage		40+500	40+510	40+520	40+530	40+540	40+550	40+560	40+570	40+580	40+590
Chainage		40+600									

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

[illegible]

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[illegible]

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[illegible]

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[illegible]

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[illegible]

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[illegible]

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

RHS		LHS	
Chainage	BC	Chainage	BC
53+610		53+610	BC
53+620		53+620	DBM
53+630		53+630	WMM
53+640		53+640	GSB
53+650		53+650	Sub-Grade
53+660		53+660	Embankment
53+670		53+670	C&G
53+680		53+680	
53+690		53+690	
53+700		53+700	
53+710		53+710	
53+720		53+720	
53+730		53+730	
53+740		53+740	
53+750		53+750	
53+760		53+760	
53+770		53+770	
53+780		53+780	
53+790		53+790	
53+800		53+800	
53+810		53+810	
53+820		53+820	
53+830		53+830	
53+840		53+840	
53+850		53+850	
53+860		53+860	
53+870		53+870	
53+880		53+880	
53+890		53+890	
53+900		53+900	
53+910		53+910	
53+920		53+920	
53+930		53+930	
53+940		53+940	
53+950		53+950	
53+960		53+960	
53+970		53+970	
53+980		53+980	
53+990		53+990	
54+000		54+000	
54+010		54+010	
54+020		54+020	
54+030		54+030	
54+040		54+040	
54+050		54+050	
54+060		54+060	
54+070		54+070	
54+080		54+080	
54+090		54+090	
54+100		54+100	
54+110		54+110	
54+120		54+120	
54+130		54+130	
54+140		54+140	
54+150		54+150	
54+160		54+160	
54+170		54+170	
54+180		54+180	
54+190		54+190	
54+200		54+200	
54+210		54+210	
54+220		54+220	
54+230		54+230	
54+240		54+240	
54+250		54+250	
54+260		54+260	
54+270		54+270	
54+280		54+280	
54+290		54+290	
54+300		54+300	
54+310		54+310	
54+320		54+320	
54+330		54+330	
54+340		54+340	
54+350		54+350	
54+360		54+360	
54+370		54+370	
54+380		54+380	
54+390		54+390	
54+400		54+400	
54+410		54+410	
54+420		54+420	
54+430		54+430	
54+440		54+440	
54+450		54+450	
54+460		54+460	
54+470		54+470	
54+480		54+480	
54+490		54+490	
54+500		54+500	
54+510		54+510	
54+520		54+520	
54+530		54+530	
54+540		54+540	
54+550		54+550	
54+560		54+560	
54+570		54+570	
54+580		54+580	
54+590		54+590	

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

RHS		LHS	
BC		BC	
DBM		DBM	
WMM		WMM	
GSB		GSB	
Sub-Grade		Sub-Grade	
Embankment		Embankment	
C&G		C&G	
Chainage		Chainage	
C&G	56400	C&G	56400
Embankment	56420	Embankment	56420
Sub-Grade	56430	Sub-Grade	56430
GSB	56440	GSB	56440
WMM	56450	WMM	56450
O	56460	O	56460
DBM	56470	DBM	56470
BC	56480	BC	56480
	56490		56490
	56500		56500
	56510		56510
	56520		56520
	56530		56530
	56540		56540
	56550		56550
	56560		56560
	56570		56570
	56580		56580
	56590		56590
	56600		56600
	56610		56610
	56620		56620
	56630		56630
	56640		56640
	56650		56650
	56660		56660
	56670		56670
	56680		56680
	56690		56690
	56700		56700
	56710		56710
	56720		56720
	56730		56730
	56740		56740
	56750		56750
	56760		56760
	56770		56770
	56780		56780
	56790		56790
	56800		56800
	56810		56810
	56820		56820
	56830		56830
	56840		56840
	56850		56850
	56860		56860
	56870		56870
	56880		56880
	56890		56890
	56900		56900
	56910		56910
	56920		56920
	56930		56930
	56940		56940
	56950		56950
	56960		56960
	56970		56970
	56980		56980
	56990		56990
	57000		57000
	57010		57010
	57020		57020
	57030		57030
	57040		57040
	57050		57050
	57060		57060
	57070		57070
	57080		57080
	57090		57090
	57100		57100
	57110		57110
	57120		57120
	57130		57130
	57140		57140
	57150		57150
	57160		57160
	57170		57170
	57180		57180
	57190		57190
	57200		57200
	57210		57210
	57220		57220
	57230		57230
	57240		57240
	57250		57250
	57260		57260
	57270		57270
	57280		57280
	57290		57290
	57300		57300
	57310		57310
	57320		57320
	57330		57330
	57340		57340
	57350		57350
	57360		57360
	57370		57370
	57380		57380
	57390		57390
	57400		57400
	57410		57410
	57420		57420
	57430		57430
	57440		57440
	57450		57450
	57460		57460
	57470		57470
	57480		57480
	57490		57490
	57500		57500
	57510		57510
	57520		57520
	57530		57530
	57540		57540
	57550		57550
	57560		57560
	57570		57570
	57580		57580
	57590		57590

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

[illegible]

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

		LHS		RHS	
	BC				
	DBM				
	WMM				
	GSB				
	Sub-Grade				
	Embankment				
	C&G				
	Chainage	61+610			
	61+620				
	61+630				
	61+640				
	61+650				
	61+660				
	61+670				
	61+680				
	61+690				
	61+700				
	61+710				
	61+720				
	61+730				
	61+740				
	61+750				
	61+760				
	61+770				
	61+780				
	61+790				
	61+800				
	61+810				
	61+820				
	61+830				
	61+840				
	61+850				
	61+860				
	61+870				
	61+880				
	61+890				
	61+900				
	61+910				
	61+920				
	61+930				
	61+940				
	61+950				
	61+960				
	61+970				
	61+980				
	61+990				
	62+000				
	62+010				
	62+020				
	62+030				
	62+040				
	62+050				
	62+060				
	62+070				
	62+080				
	62+090				
	62+100				
	62+110				
	62+120				
	62+130				
	62+140				
	62+150				
	62+160				
	62+170				
	62+180				
	62+190				
	62+200				
	62+210				
	62+220				
	62+230				
	62+240				
	62+250				
	62+260				
	62+270				
	62+280				
	62+290				
	62+300				
	62+310				
	62+320				
	62+330				
	62+340				
	62+350				
	62+360				
	62+370				
	62+380				
	62+390				
	62+400				
	62+410				
	62+420				
	62+430				
	62+440				
	62+450				
	62+460				
	62+470				
	62+480				
	62+490				
	62+500				
	62+510				
	62+520				
	62+530				
	62+540				
	62+550				
	62+560				
	62+570				
	62+580				
	62+590				
	62+600				

		LHS		RHS	
	BC				
	DBM				
	WMM				
	GSB				
	Sub-Grade				
	Embankment				
	C&G				
	Chainage	62+610			
	62+620				
	62+630				
	62+640				
	62+650				
	62+660				
	62+670				
	62+680				
	62+690				
	62+700				
	62+710				
	62+720				
	62+730				
	62+740				
	62+750				
	62+760				
	62+770				
	62+780				
	62+790				
	62+800				

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

9.5.1 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	38+823	A1 A2											
2												A1 A2	39+194	A1 A2											
3												A1 A2	39+726	A1 A2											
4												A1 A2	40+040	A1 A2											
5												A1 A2	40+240	A1 A2											
6												A1 A2	40+780	A1 A2											
7												A1 A2	41+166	A1 A2											
8												A1 A2	41+300	A1 A2											
9												A1 A2	41+666	A1 A2											
10												A1 A2	41+903	A1 A2											
11												A1 A2	42+300	A1 A2											
12												A1 A2	42+577	A1 A2											
13												A1 A2	43+028	A1 A2											
14												A1 A2	43+165	A1 A2											
15												A1 A2	43+506	A1 A2											
16												A1 A2	43+872	A1 A2											
17												A1 A2	43+959	A1 A2											
18												A1 A2	44+105	A1 A2											
19												A1 A2	44+488	A1 A2											
20												A1 A2	44+670	A1 A2											
21												A1 A2	44+945	A1 A2											
22												A1 A2	45+184	A1 A2											
23												A1 A2	45+340	A1 A2											
24												A1 A2	45+606	A1 A2											
25												A1 A2	45+855	A1 A2											
26												A1 A2	46+195	A1 A2											
27												A1 A2	46+406	A1 A2											
28												A1 A2	46+980	A1 A2											
29												A1 A2	47+211	A1 A2											
30												A1 A2	47+483	A1 A2											
31												A1 A2	47+714	A1 A2											
32												A1 A2	48+232	A1 A2											
33												A1 A2	48+930	A1 A2											
34												A1 A2	49+364	A1 A2											
35												A1 A2	49+635	A1 A2											
36												A1 A2	50+288	A1 A2											
37												A1 A2	50+471	A1 A2											
38												A1 A2	50+700	A1 A2											
39												A1 A2	51+045	A1 A2											
40												A1 A2	51+294	A1 A2											
41												A1 A2	52+130	A1 A2											
42												A1 A2	52+390	A1 A2											
43												A1 A2	53+804	A1 A2											

1	Not Available	
2	In Progress	
3	Completed	

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

9.5.2 Status of Minor Bridge

SN	LHS											Minor BridgeChainage															
	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	40+344	A1												
2													A2		A2												
													A1	42+120	A1												
3													A2		A2												
													A1	44+798	A1												
4													A2		A2												
													A1	46+572	A1												
5													A2		A2												
													A1	49+807	A1												
6													A2		A2												
													A1	51+988	A1												
7													A2		A2												
													A1	53+067	A1												
8													A2		A2												
													A1	53+200	A1												
9													A2		A2												
													A1	55+742	A1												
10													A2		A2												
													A1	56+998	A1												
11													A2		A2												
													A1	58+103	A1												
12													A2		A2												
													A1	59+732	A1												
13													A2		A2												
													A1	61+029	A1												

1	Not Available	
2	In Progress	
3	Completed	

9.5.3 Status of Major Bridge

SN	LHS												RHS												
	Miscellaneous Item	Crash Barrier	Approach Slab	Desk Slab	RCC Girder	Dirt Wall	Abutment Cap	Abutment Shaft	Abutment Pile Cap	Abutment Pile	Layout & Excavation	Abutment		Abutment	Layout & Excavation	Abutment Pile	Abutment Pile Cap	Abutment Shaft	Abutment Cap	Dirt Wall	RCC Girder	Desk Slab	Approach Slab	Crash Barrier	Miscellaneous Item
1											A1	48+557	A1												
2											A2	54+460	A2												

1	Not Available	
2	In Progress	
3	Completed	

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

9.5.4 Status of ROB

SN	LHS											RHS										
	Miscellaneous Item	Crash Barrier	Approach Slab	Desk Slab	RCC Girder	Dirt Wall	Abutment Cap	Abutment Shaft	Abutment Pile Cap	Abutment Pile	Layout & Excavation	Abutment	Layout & Excavation	Abutment Pile	Abutment Shaft	Abutment Cap	Dirt Wall	RCC Girder	Desk Slab	Approach Slab	Crash Barrier	Miscellaneous Item
1												A1	40+978	A1								
												A2		A2								
2												A1	53+328	A1								
												A2		A2								
1	Not Available																					
2	In Progress																					
3	Completed																					

9.5.5 Status of Underpass

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	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	39+123	A1										
												A2	Box	A2										
2												A1	39+360	A1										
												A2	Box	A2										
3												A1	42+165	A1										
												A2	Box	A2										
4												A1	43+430	A1										
												A2	Box	A2										
5												A1	48+695	A1										
												A2	Box	A2										
6												A1	49+508	A1										
												A2	Box	A2										
7												A1	51+725	A1										
												A2	Box	A2										
8												A1	41+468	A1										
												A2	LVUP	A2										
9												A1	42+811	A1										
												A2	LVUP	A2										
10												A1	46+878	A1										
												A2	LVUP	A2										
11												A1	50+858	A1										
												A2	LVUP	A2										

1	Not Available	
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: -55+200. All the required material tests are being conducted in the laboratory for the project road.

10.3 Materials Testing & Third Party Test

The testing to be carried out in the site laboratory includes tests of soil, aggregates, cement, steel, sand, embankment fill, sub grade, granular subbase and cement concrete. The details of test conducted up to 31 December, 2025 are enclosed.

10.3.1 Soil and Agreegates

The test reports for borrow area earth for available borrow area are approved & test reports for Aggregates are also approved for the available Quarry. Test reports for new borrow area earth are submitted to IE for approval.

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.

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

10.3.4 Status of materials source approval & Mix Design

Cement				
Sr. No.	Brand Name	Letter No.	Status	IE Letter No.
1.	Dalmia Cement	MKCIL/ASSAM/PKG-04/192	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/037
2.	Max Cement	MKCIL/ASSAM/PKG-04/199	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/039
3.	Star Cement	MKCIL/ASSAM/PKG-04/198	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/038

Reinforcement Steel				
Sr. No.	Brand Name	Letter No.	Status	IE Letter No.
1.	Rashmi Metaliks Limited	MKCIL/ASSAM/PKG-04/196	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/045A
2.	Shyam Steel industries Ltd.	MKCIL/ASSAM/PKG-04/195	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/040
3.	SRMB Srijan Pvt. Ltd.	MKCIL/ASSAM/PKG-04/197	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/046
4.	Elegant steel	MKCIL/ASSAM/PKG-04/214	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/047
5.	Tata Steel (GFRP)	MKCIL/ASSAM/PKG-04/213		

Admixture				
Sr. No.	Brand Name	Letter No.	Status	IE Letter No.
1.	Berger Paints Pvt. Ltd.	MKCIL/ASSAM/PKG-04/200	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/045
2.	CHRYSO India Pvt. Ltd	MKCIL/ASSAM/PKG-04/201	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/042
3.	CICO Technologies Ltd.	MKCIL/ASSAM/PKG-04/202	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/043
4.	FOSROC Chemicals (India) Ltd.	MKCIL/ASSAM/PKG-04/203	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/044
5.	Vista Chemtech Pvt. Ltd.	MKCIL/ASSAM/PKG-04/204	Approved	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/045

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

Other					
Sr. No.	Brand Name	Description	Letter No.	Status	IE Letter No.
1.	Z-TECH (INDIA) PRIVATE LIMITED	Re-Wall	MKCIL/ASSAM/PKG-04/332		
2.	MAURER SANFIELD (INDIA) LIMITED	Dearing	MKCIL/ASSAM/PKG-04/333		

Lab Mix Design & Other				
Sr. No.	Grade Of Concrete	Submission Letter No.	Status	Approval IE Letter No.
1.	M15, M30	MKCIL/ASSAM/PKG-04/337	Approved	AIPPLAYOLEEZA/IE/NHIDCL/Karimganj/PKG04/123
2.	M35 Pile	MKCIL/ASSAM/PKG-04/359	Approved	AIPPLAYOLEEZA/IE/NHIDCL/Karimganj/PKG04/142

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

Monthly Laboratory Report

		
Name of the Project	:- Four Laning of Badarpur - Churaibari Section of NH-37 & NH-8 from Design chainage 38.600(End of proposed Badarpur Bypass) to Km.62.800 (Start of proposed Nilambazar/Cheragi Bypass)in the state of Assam (Package-iv)	
Client	:- National Highways & Infrastructure Development Corporation Limited	
Independent Engineer	:- Agnitio Infrastructure Projects Private Limited(AIPPL)	
Contractor	:- MKC Infrastructure Ltd	
Concessionaire	:- MKC Badarpur Churaibari Kamakhya Highways Private Limited	

Monthly Progress Report month of December-2025

Sr.No.	Name of test	Reference as per IS/ MORTH	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 checked by IE			% Checked by AE	Remarks
				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed		
LAB & FIELD TESTS																	
(I) OGL samples		MORTH 305															
1.1	Free Swell Index (FSI)	IS : 2720 (P-40)	1 test / every 250 m interval	96	96	0	8	8	0	104	104	0	11	11	0	10.58	
1.2	Grain size analysis	IS : 2720 (P-4)	1 test / every 250 m interval	96	96	0	8	8	0	104	104	0	11	11	0	10.58	
1.3	Atterberg limits (LL & PI)	IS : 2720 (P-5)	1 test / every 250 m interval	96	96	0	8	8	0	104	104	0	11	11	0	10.58	
1.4	Proctor test (MDD Vs OMC)	IS : 2720 (P-8)	1 test / every 250 m interval	96	96	0	8	8	0	104	104	0	11	11	0	10.58	
1.5	4 days soaked CBR	IS : 2720 (P-16)	as required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
(II) Borrow area samples		MORTH 305															
2.1	Free Swell Index (FSI)	IS : 2720 (P-40)	2 test / 3000 m3	59	59	0	50	50	0	109	109	0	11	11	0	10.09	
2.2	Grain size analysis	IS : 2720 (P-4)	2 tests / 3000 m3	59	59	0	50	50	0	109	109	0	11	11	0	10.09	
2.3	Atterberg limits (LL & PI)	IS : 2720 (P-5)	2 tests / 3000 m3	59	59	0	50	50	0	109	109	0	11	11	0	10.09	
2.4	Proctor test (MDD Vs OMC)	IS : 2720 (P-8)	2 tests / 3000 m3	59	59	0	50	50	0	109	109	0	11	11	0	10.09	
2.5	CBR	IS : 2720 (P-16)	One Set of three spcimen tests As required by Engineer	33	33	0	25	25	0	58	58	0	6	6	0	10.34	
2.6	Soluble sulphate content	IS : 2720 (P-16)	1 test / 3000 m3	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
(III) Field Density Tests		MORTH 305															
3.1	Field density test on OGL	IS : 2720 (P-28)	1 set of tests / 3000m2	50	50	0	7	7	0	57	57	0	6	6	0	10.53	
3.2	Field density test on Emb.	IS : 2720 (P-28)	1 set of tests / 3000m2	58	58	3	53	49	4	111	107	7	11	11	0	10.28	
3.3	Field density test on Subgrade	IS : 2720 (P-28)	1 set of tests / 2000 m2														
3.4	Field density test on GSB	IS : 2720 (P-28)	1 tests / 1000m2														
3.5	Field density test on WMM	IS : 2720 (P-28)	1 set(3 pit) of tests / 1000 m2														
3.6	Field density test on AIL	IS : 2720 (P-28)	1 set(3 pit) of tests / 1000 m2														
3.7	Field density test on Shoulder	IS : 2720 (P-28)	1 set of tests /2000 m2														
3.8	Field density test on Median	IS : 2720 (P-28)	1 set of tests /3000 m2														
(IV) Coarse Agg. for Concrete		MORTH 1000															
4.1	Gradation	IS : 2386 (P-1)	1 test / day	48	48	0	24	24	0	72	72	0	8	8	0	11.11	
4.2	FI & EI	IS : 2386 (P-1)	1 test for source / month	5	5	0	2	2	0	7	7	0	1	1	0	14.29	
4.3	Aggregate Impact Value	IS : 2386 (P-4)	1 test for source / month	9	9	0	5	5	0	14	14	0	2	2	0	14.29	
4.4	Specific Gravity	IS : 2386 (P-3)	1 test for source / month	5	5	0	0	0	0	5	5	0	0	0	0	0.00	
4.5	Water Absorption	IS : 2386 (P-3)	1 test for source / month	5	5	0	0	0	0	5	5	0	0	0	0	0.00	
4.6	Deleterious Content	IS : 2386 (P-1)	1 test / Source	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
4.7	Moisture correction	IS : 2386 (P-3)	1 test / Day	48	48	0	24	24	0	72	72	0	8	8	0	11.11	

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(V) Fine Agg. for Concrete		0															
5.1	Gradation	IS: 383	1 test / day	48	48	0	24	24	0	72	72	0	8	8	0	11.11	
5.2	Specific Gravity	IS: 2386 (P-3)	1 test for source / month	5	5	0	0	0	0	5	5	0	0	0	0	0.00	
5.3	Water Absorption	IS: 2720 (P-3)	1 test for source / month	5	5	0	0	0	0	5	5	0	0	0	0	0.00	
5.4	Silt Content	IS: 383	1 test / day	30	30	0	5	5	0	35	35	0	4	4	0	11.43	
5.5	Moisture correction	IS: 2386 (P-3)	1 test / day	48	48	0	24	24	0	72	72	0	8	8	0	11.11	
(VI) Site Concrete Cube Compressive strength Tests																	
For M 15 Grade																	
6.1	for 7 days	IS: 516	for 7 days	3	3	0	20	20	0	23	23	0	3	3	0	13.04	
6.2	for 28 days	IS: 516	for 28 days	0	0	0	9	9	0	9	9	0	1	1	0	11.11	
For M 20 Grade																	
6.3	for 7 days	IS: 516	for 7 days														
6.4	for 28 days	IS: 516	for 28 days														
For M 20 Grade for KERB																	
6.5	for 7 days	IS: 516	for 7 days														
6.6	for 28 days	IS: 516	for 28 days														
For M 25 Grade																	
6.7	for 7 days	IS: 516	for 7 days														
6.8	for 28 days	IS: 516	for 28 days														
For M 30 Grade																	
6.9	for 7 days	IS: 516	for 7 days	35	35	0	24	24	0	59	59	0	6	6	0	10.17	
6.10	for 28 days	IS: 516	for 28 days	18	18	0	13	13	0	31	31	0	4	4	0	12.90	
For M 35 Grade																	
6.11	for 7 days	IS: 516	for 7 days														
6.12	for 28 days	IS: 516	for 28 days														
For M 35 Pile																	
6.13	for 7 days	IS: 516	for 7 days	0	0	0	1	1	0	1	1	0	1	1	0	100.00	
6.14	for 28 days	IS: 516	for 28 days	0	0	0	3	3	0	3	3		1	1	0	33.33	
For M 40 Pile Grade																	
6.15	for 7 days	IS: 516	for 7 days														
6.16	for 28 days	IS: 516	for 28 days														
For M 40 RCC Grade																	
6.17	for 7 days	IS: 516	for 7 days	0	0	0	2	2	0	2	2	0	0	0	0	0.00	
6.18	for 28 days	IS: 516	for 28 days	0	0	0	0	0	0	0	0		0	0	0	0.00	
For M 45 Grade																	
6.19	for 7 days	IS: 516	for 7 days	0	0	0	1	1	0	1	1	0	0	0	0	0.00	
6.2	for 28 days	IS: 516	for 28 days	0	0	0	0	0	0	0	0		0	0	0	0.00	
For Grouting of PSC Girders																	
6.21	for 7 days	MORTH	for 7 days														
6.22	for 28 days	MORTH	for 28 days														
(VII) Cement tests																	
7.1	Fineness of cement	IS: 4031 (P-1)	1 test / lot of cement	6	6	0	1	1	0	7	7	0	1	1	0	14.29	
7.2	Normal consistency	IS: 4031 (P-4)	1 test / lot of cement	6	6	0	1	1	0	7	7	0	1	1	0	14.29	
7.3	Initial, final setting times	IS: 4031 (P-5)	1 test / lot of cement	6	6	0	1	1	0	7	7	0	1	1	0	14.29	
7.4	Compressive strength - 03 days	IS: 516	for 3 days	6	6	0	1	1	0	7	7	0	1	1	0	14.29	
7.5	- 7 days	"	for 7 days	6	6	0	1	1	0	7	7	0	1	1	0	14.29	
7.6	- 28 days	"	for 28 days	3	3	0	6	6	0	9	9	0	1	1	0	11.11	
(VIII) SUB-BASE (GSB)		MORTH 401															
8.1	Gradation	Table 400-2	1 test /400 m3														
8.2	Atterberg limits (LL & PI)	IS: 2720 (P-5)	1 test /400 m3														
8.3	4 days soaked CBR	IS: 2720 (P-16)	1 test per source & as required														
8.4	Water Absorption	IS: 2720 (P-3)	1 test per source & as required														
8.5	AIV	IS: 2386 (P-4)	1 test per source & as required														
8.6	Proctor test (MDD Vs OMC)	IS: 2720 (P-8)	1 test per source & as required														

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(IX) BASE (WMM)		MORTH 406															
9.1	Gradation	Table 400-13	1 test / 200 m3														
9.2	Atterberg limits (LL & PI)	IS : 2720 (P-5)	1 test / 200 m3														
9.3	Proctor test (MDD Vs OMC)	IS : 2720 (P-8)	As required														
9.4	A.I.V	IS : 2386 (P-4)	1 test / 1000 m3														
9.5	FI & EI	IS : 2386 (P-1)	1 test /500 m3														
9.6	Water Absorption	IS : 2386 (P-3)	As required														
9.7	L.A.V.	IS : 2386 (P-4)	as required														
9.8	Soundness	IS : 2386 (P-3)	As required														
(X) DRY LEAN CONCRETE (DLC)		MORTH 600															
10.1	Gradation	Table 600-1	1 test / 200 m3														
10.2	Field density test (FDD)	IS : 2720 (P-28)	1 set(3 pit) of tests / 1000 m2														
10.3	Proctor test (MDD Vs OMC)	IS : 2720 (P-8)	As required														
10.4	A.I.V	IS : 2386 (P-4)	1 test / 1000 m3														
10.5	FI & EI	IS : 2386 (P-1)	1 test /500 m3														
10.6	Water Absorption	IS : 2386 (P-3)	As required														
10.7	Moisture correction	IS : 2386 (P-3)	1 test / Day														
10.8	for 7 days (Cube)	IS : 516	for 7 days														
10.9	for 28 days (Cube)	IS : 516	for 28 days														
(XI) PAVEMENT QUALITY CONCRETE (PQC)		MORTH 600															
11.1	Gradation	Table 600-1	1 test / 200 m3														
11.4	A.I.V	IS : 2386 (P-4)	1 test / 1000 m3														
11.5	FI & EI	IS : 2386 (P-1)	1 test /500 m3														
11.6	Water Absorption	IS : 2386 (P-3)	As required														
11.7	Slump Test	IS : 1199	1 test each dumper														
11.8	for 7 days (Cube)	IS : 516	for 7 days														
11.9	for 28 days (Cube)	IS : 516	for 7 days														
11.10	for 7 days (Beams)	IS : 516	for 7 days														
11.11	for 28 days (Beams)	IS : 516	for 7 days														
(XII) DENSE BITUMINOUS MACADAM (DBM)																	
12.1	Binder Content & Gradation	As per MORST & H	1 test / 400 MT Mix														
12.2	Combined Gradation	As per MORST & H	1 test / 400 MT Mix														
12.3	Marshall Test (in Sets)	ASTM D 1559	1set/ 400 MT Mix														
12.4	A.I.V	IS : 2386 (P-4)	1 test / 350 m3 of Agg.														
12.5	FI & EI	IS : 2386 (P-1)	1 test / 350 m3 of Agg.														
12.6	Water Absorption & Specific Gravity	IS : 2386 (P-3)	1 test per source & as required														
12.7	L.A.V.	IS : 2386 (P-4)	1 test per source & as required														
12.8	Stripping Value	IS : 6241	1 test per source & as required														
12.9	Density of compacted layer	MoRT&H Sec.900	1 test / 700 Sq.m														
12.10	Soundness	IS : 2386 (P-3)	1 test per source & as required														
12.11	Sand equivalent test	IS : 2720(P-37)	1 test per source & as required														
12.12	plasticity Index	MoRT&H Sec.900	1 test per source & as required														
12.13	percentage of Fractured face	MoRT&H Sec.900	1 test per source & as required														
12.14	Polished stone value	BS: 812 (P-114)	1 test per source & as required														
(XIII) BITUMINOUS CONCRETE (BC)																	
13.1	Binder Content & Gradation	As per MORST & H	1 test / 400 MT Mix														
13.2	Combined Gradation	As per MORST & H	1 test / 400 MT Mix														
13.3	Individual Gradation	As per MORST & H	1 test day														
13.4	Marshall Test (in Sets)	ASTM D 1559	1set/ 400 MTMix														
13.5	Maximum Sp.Gravity(Gmm)	ASTM D 2041	1set/ 400 MTMix														
13.6	A.I.V	IS : 2386 (P-4)	1 test / 350 m3 of Agg.														
13.7	FI & EI	IS : 2386 (P-1)	1 test / 350 m3 of Agg.														
13.8	Water Absorption & Specific Gravity	IS : 2386 (P-3)	As required														
13.9	L.A.A.V	IS : 2386 (P-4)	As required														
14.0	Stripping Value	IS : 6241	As required														
14.1	Core Density Test	MoRT&H Sec.900	1 test / 700 Sq.m														
14.2	Soundness	IS : 2386 (P-3)	1 test per source & as required														
14.3	Sand equivalent test	IS : 2720(P-37)	1 test per source & as required														
14.4	plasticity Index	MoRT&H Sec.900	1 test per source & as required														

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(XIV) Cement Treated Sub Base(CTSB)		IRC-37: 2018															
14.1	Gradation	Table 400-1	1 test / 200 m3														
14.2	Atterberg limits (LL & PI)	IS : 2720 (P-5)	1 test / 200 m3														
14.3	Proctor test (MDD Vs OMC)	IS : 2720 (P-8)	As required														
14.4	AI.V	IS : 2386 (P-4)	1 test / 1000 m3														
14.5	UCS Test	is: 516	One Set day (03 nos)														
14.6	Field density test on CTSB	IS : 2720 (P-28)	1 set(3 pit) of tests / 1000 m2														
(XV) BITUMEN-VG-40																	
15.1	Specific Gravity at 27°C	IS : 2380 (P-4)	As required														
15.2	Softening Point(°C)	IS : 1205	1 test per Lot														
15.3	Penetration at 25°C 100gm 5 Sec	IS : 1203	1 test per Lot														
15.4	Ductility at 27°C	IS : 1208	1 test per Lot														
15.5	Viscosity at 60°/135°C (CST)	IS : 1206	As required														
(XVI) MODIFIED BITUMEN (PMB 76E-10)																	
16.1	Specific Gravity at 27°C	IS : 2380 (P-4)	As required														
16.2	Softening Point (°C)	IS : 1205	1 test per Lot														
16.3	Seperation, difference in softening point (0°C)	IS : 15462: 2019	1 test per Lot														
16.4	Elastic Recovery at 15°C	IS : 15462: 2019	1 test per Lot														
(XVII) RATE OF SPRAY																	
17.1	Prime coat	IS : 8887	1 test / 500 sqm														
17.2	Tack Coat	IS : 8887	1 test / 500 sqm														
		THIRD PARTY TESTS															
(XVIII) COARSE AGGREGATE		MORTH 1000															
18.1	Gradation	IS : 2386 (P-1)	1 test / source	1	1	0	0	0	0	1	1	0					
18.2	FI & EI	IS : 2386 (P-1)	1 test / source	1	1	0	0	0	0	1	1	0					
18.3	Aggregate Impact Value	IS : 2386 (P-4)	1 test / source	1	1	0	0	0	0	1	1	0					
18.4	Specific Gravity	IS : 2386 (P-3)	1 test / source	1	1	0	0	0	0	1	1	0					
18.5	Water Absorption	IS : 2386 (P-3)	1 test / source	1	1	0	0	0	0	1	1	0					
18.6	Deleterious Content	IS : 2386 (P-1)	1 test / source	1	1	0	0	0	0	1	1	0					
18.7	L.A.V.	IS : 2386 (P-4)	1 test / source	1	1	0	0	0	0	1	1	0					
18.8	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 test / source	1	1	0	0	0	0	1	1	0					
18.9	Soundness	IS : 2386 (P-5)	1 test / source	1	1	0	0	0	0	1	1	0					
18.10	Petrographic Examination	IS : 2386 (P-8)	1 test / source	1	1	0	0	0	0	1	1	0					
18.11	Stone Polished Value	BS-812 (P-114)	1 test / source	1	1	0	0	0	0	1	1	0					
(XIX) FINE AGGREGATE																	
19.1	Gradation	IS : 383	1 test / source	1	1	0	0	0	0	1	1	0					
19.2	Specific Gravity	IS : 2386 (P-3)	1 test / source	1	1	0	0	0	0	1	1	0					
19.3	Water Absorption	IS : 2386 (P-3)	1 test / source	1	1	0	0	0	0	1	1	0					
19.4	Deleterious Content	IS : 2386 (P-1)	1 test / source	1	1	0	0	0	0	1	1	0					
19.5	Silt Content	IS : 2386 (P-4)	1 test / source	1	1	0	0	0	0	1	1	0					
19.6	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 test / source	1	1	0	0	0	0	1	1	0					
19.7	Soundness	IS : 2386 (P-5)	1 test / source	1	1	0	0	0	0	1	1	0					
19.8	Organic Impurities	IS : 2386 (P-8)	1 test / source	1	1	0	0	0	0	1	1	0					
19.9	Fineness Modulus	IS : 383	1 test / source	1	1	0	0	0	0	1	1	0					
(XX) STEEL -MORTH 1000																	
20.1	Physical properties	IS : 1786	< 10mm - 1 sample/25 MT, 10-16mm-1sample/35 MT,	1	1	0	0	0	0	1	1	0					
20.2	Chemical properties	IS : 1786	> 16mm - 1 sample/45 MT	1	1	0	0	0	0	1	1	0					
(XXI) WATER -MORTH 1000																	
21.1	Suitability for construction	IS : 456	1 test per source & as required	1	1	0	0	0	0	1	1	0					
(XXII) ADMIXTURE -MORTH 1000																	
22.1	Physical & Chemical properties	IS : 9103	1 test per Lot	1	1	0	0	0	0	1	1	0					
(XXIII) CEMENT 53 GRADE OPC -MORTH 1000																	
23.1	Physical & Chemical properties	IS : 8112	1 test / source	1	1	0	0	0	0	1	1	0					
(XXIV) SOIL - Borrow Area																	
24.1	Mechanical	IS : 2720 (P-39)	1 test / source														
(XXV) NP-4 HUME PIPE TEST																	
25.1	600 MM	IS : 458	1 test per Lot of 50 Pipes														
(XXVI) BITUMEN & BITUMEN EMULSION																	
26.1	Bitumen	IS : 73	1 test per Lot														
26.2	Bitumen Emulsion SS-1	IS : 8887	1 test per Lot														
26.3	Bitumen Emulsion RS-1	IS : 8887	1 test per Lot														
(XXVII) CURING COMPOUND																	
27.1	Physical & Chemical properties		1 test per Lot														

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**CHAPTER-11
CORRESPONDENCE**

11.1 Outward Letter

Sr. No.	Letter No.	Date	Subject	To
1.	MKCIL/ASS AM/PKG-04/366	01.12.2025	Regarding Submission of test results for Borrow area No 02 for source approval.	TL (AIPPL)
2.	MKCIL/ASS AM/PKG-04/367	01.12.2025	Regarding Submission of test results for Borrow area No 03 for source approval.	TL (AIPPL)
3.	MKCIL/ASS AM/PKG-04/368	01.12.2025	Regarding Submission Company profile of SANGAM CEMENT PRODUCTS for source approval of Hume Pipe.	TL (AIPPL)
4.	MKCIL/ASS AM/PKG-04/372	03.12.2025	Regarding Submission of Design and Drawing for MNB at Ch. 53+200 (1x6m).	TL (AIPPL)
5.	MKCIL/ASS AM/PKG-04/374	03.12.2025	Regarding Submission of Design and Drawing for Box Underpass at Ch. 42+165 (1x4x4m).	TL (AIPPL)
6.	MKCIL/ASS AM/PKG-04/375	03.12.2025	Regarding Submission of Design & Drawing for MJB at Ch. 54+460 (2x40).	TL (AIPPL)
7.	MKCIL/ASS AM/PKG-04/376	03.12.2025	Submission of Consent Letter of DRB Member.	TL (AIPPL)
8.	MKCIL/ASS AM/PKG-04/379	04.12.2025	Regarding Submission of Design & Drawing for Box Culvert at Ch. 40+780, 41+166 & 41+300 (1x2x2).	TL (AIPPL)
9.	MKCIL/ASS AM/PKG-04/381	05.12.2025	Submission profile & credential of JK Prestressing material for source approval of Expansion Joint	TL (AIPPL)
10.	MKCIL/ASS AM/PKG-04/382	05.12.2025	Reg. Work Program for the Month of December-2025.	TL (AIPPL)
11.	MKCIL/ASS AM/PKG-04/384	06.12.2025	Submission of November MPR	TL (AIPPL)
12.	MKCIL/ASS AM/PKG-04/385	06.12.2025	Submission of Detailed Cost Estimate along with design and drawing of Service Road under Article 16 (COS)	TL (AIPPL)
13.	MKCIL/ASS AM/PKG-04/387	06.12.2025	Joint Inspection for Identification for extraction of Soil for Road Works.	TL (AIPPL)
14.	MKCIL/ASS AM/PKG-04/390	07.12.2025	Reg: Submission of soil samples of B/A-01, 02 & 03 and request for testing NIT Silchar	TL (AIPPL)

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15.	MKCIL/ASS AM/PKG- 04/393	08.12.2025	Regarding submission of Typical Design and Drawing for Cast in Situ Box culvert (1x2x2).	TL (AIPPL)
16.	MKCIL/ASS AM/PKG- 04/395	09.12.2025	Regarding Submission of Revised Drawing for Box Underpass at Ch. 39+360 (1x4x4)	TL (AIPPL)
17.	MKCIL/ASS AM/PKG- 04/396	09.12.2025	Regarding Submission of Test Pile Drawing for MJB at Ch. 48+557 & 54+460	TL (AIPPL)
18.	MKCIL/ASS AM/PKG- 04/399	10.12.2025	Regarding Submission of test results for Borrow area No 01 for source approval.	TL (AIPPL)
19.	MKCIL/ASS AM/PKG- 04/400	10.12.2025	Submission profile & credential of TP Buildtech Limited for Source approval of admixture.	TL (AIPPL)
20.	MKCIL/ASS AM/PKG- 04/403	11.12.2025	Submission profile & credential of HEXATRON INDUSTRIES LIMITED for Source approval of admixture	TL (AIPPL)
21.	MKCIL/ASS AM/PKG- 04/404	11.12.2025	Regarding Submission of Design & Drawing for Box Underpass at Ch. 48+695 (1x4x4).	TL (AIPPL)
22.	MKCIL/ASS AM/PKG- 04/406	12.12.2025	Regarding Compliance Submission of Observation on Detailed Cost Estimate along with D&D of Service Road - Slip Road under Article 16 (COS)	TL (AIPPL)
23.	MKCIL/ASS AM/PKG- 04/409	15.12.2025	“Notification of Force majeure event under clause 28.5 of Concession Agreement regarding hindrance to project work due to closure of Gammon Bridge on NH-6”	TL (AIPPL)
24.	MKCIL/ASS AM/PKG- 04/411	16.12.2025	Compliance to Observations on Pavement Crust Design Report	TL (AIPPL)
25.	MKCIL/ASS AM/PKG- 04/414	18.12.2025	“Submission of Resource Based Work Program”	TL (AIPPL)
26.	MKCIL/ASS AM/PKG- 04/415	18.12.2025	Regarding Submission Box Culvert D&D with Typical Drawing Hardcopy.	TL (AIPPL)
27.	MKCIL/ASS AM/PKG- 04/418	19.12.2025	Regarding Submission of M35-Pile grade Cube test report for final Approval	TL (AIPPL)
28.	MKCIL/ASS AM/PKG- 04/420	21.12.2025	Stop Work at Chainage From 41+000 to 51+000 with immediate effect.	TL (AIPPL)
29.	MKCIL/ASS AM/PKG- 04/422	22.12.2025	Reg. Notice for De-scoping of Works with immediate effect.	TL (AIPPL)
30.	MKCIL/ASS AM/PKG- 04/424	24.12.2025	Reminder regarding Delay in Providing Encumbrance-Free Right of Way (RoW)	TL (AIPPL)

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31	MKCIL/ASS AM/PKG- 04/425	25.12.2025	Reg. Slow Work Progress.	(TAYO)
32	MKCIL/ASS AM/PKG- 04/428	28.12.2025	Compliance to Observation on Use of Shuttering Material.	TL (AIPPL)
33	MKCIL/ASS AM/PKG- 04/429	29.12.2025	Reg Submission of Standard Penetration Test (SPT) for Foundation Work.	TL (AIPPL)
34	MKCIL/ASS AM/PKG- 04/430	29.12.2025	Regarding Submission of Borrow area No 02 (Extensions-01) for source approval.	TL (AIPPL)
35	MKCIL/ASS AM/PKG- 04/431	29.12.2025	Regarding Re-submit of Company Profile of Shyam Metalics TMT bar for Approval.	TL (AIPPL)
36	MKCIL/ASS AM/PKG- 04/432	29.12.2025	Regarding Submission of test results of OGL Sampling. 38+600 To 41+000	TL (AIPPL)
37	MKCIL/ASS AM/PKG- 04/433	29.12.2025	Reg: - "Undertaking for casting of working pile"	TL (AIPPL)
38	MKCIL/ASS AM/PKG- 04/435	30.12.2025	Reg: - "Use of Concrete from Package-6 & Package-7 During Batching Plant Setup"	TL (AIPPL)

11.2 Inward Letter (NHIDCL & AIPPL)

Sr. No.	Letter No.	Date	Subject	From
1.	AIPPL- AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/143	01.12.2025	Third Party CBR Test at NIT Silchar.	AIPPL
2.	AIPPL- AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/144	01.12.2025	Uploading the Time Stamps Photographs Weekly.	AIPPL
3.	AIPPL- AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/145	01.12.2025	Regarding repairing of Damaged PHE Water Pipelines and ensuring protection of Utility during execution -Reg.	AIPPL
4.	AIPPL- AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/146	03.12.2025	Reg -Review and Approval of Borrow area No 02 for Embankment and Subgrade.	AIPPL
5.	AIPPL- AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/147	02.12.2025	"Regarding Review and Approval of Company profile of SANGAM CEMENT	AIPPL
6.	AIPPL- AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/148	02.12.2025	PRODUCTS for source approval of Hume Pipe."	AIPPL
7.	AIPPL- AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/149	06.12.2025	Regarding Review and Approval of Borrow area No 03 for Embankment.	AIPPL

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8.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/150	06.12.2025	Regarding Approval of D&D for MNB 59+732.	AIPPL
9.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/151	06.12.2025	Regarding Approval of D&D for VUP 54+117.	AIPPL
10.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/152	06.12.2025	Regarding Approval of BOX 49+959.	AIPPL
11.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/153	06.12.2025	Regarding Approval of BOX 40+240.	AIPPL
12.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/154	08.12.2025	Regarding Approval of MNB 53+200.	AIPPL
13.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/155	08.12.2025	"Reg: -Additional Water Tanker Required to Control Dust Suppression of 24.2Km Highway Stretch."	AIPPL
14.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/156	10.12.2025	Regarding submission of Typical Design and Drawing for Cast in Situ Box culvert (1x2x2).	AIPPL
15.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/157	10.12.2025	Regarding Segment Casting Without Steel and Shuttering Checking.	AIPPL
16.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/159	10.12.2025	Regarding submission of Typical Design and Drawing for Cast in Situ Box culvert (2X2)	AIPPL
17.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/160	10.12.2025	Regarding Review and Approval of Borrow area No 01 for Embankment	AIPPL
18.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/161	12.12.2025	Submission of Detailed Cost Estimate along with Design and Drawings of Service Road / Slip Road under Article 16 (COS).	AIPPL
19.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/164	16.12.2025	Regarding Submission of Design and Drawing for Box Underpass at Ch. 42+165 (1x4x4m)	AIPPL
20.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/165	16.12.2025	Observations on Pavement Crust Design Report.	AIPPL
21.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/166	16.12.2025	Submission of Resource Based Work Program.	AIPPL
22.	AIPPL-AYOLEEZA/IE/NHIDCL/Kar imganj/PKG04/167	16.12.2025	Regarding Submission of Design and Drawing for MNB at Ch. 46+572 (3x6.7m).	AIPPL

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23.	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/168	19.12.2025	Regarding Submission of Design & Drawing for MJB at Ch. 54+460 (2x40).	AIPPL
24.	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/169	19.12.2025	"Regarding Submission of Design & Drawing for Box Culvert at Ch. 40+780, 41+166 &	AIPPL
25	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/171	19.12.2025	41+300 (1x2x2)."	AIPPL
26	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/172	20.12.2025	"Regarding Submission profile & credential of TP Buildtech Limited for Source Approval	AIPPL
27	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/173	20.12.2025	of Admixture."	AIPPL
28	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/174	22.12.2025	"Regarding Submission of Profile & Credential of HEXATRON INDUSTRIES LIMITED	AIPPL
29	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/175	22.12.2025	for Source Approval of Admixture"	AIPPL
30	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/176	22.12.2025	Regarding Submission of Design & Drawing for Box Underpass at Ch. 48+695 (1x4x4).	AIPPL
31	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/177	22.12.2025	Standard Penetration Test (SPT) for Foundation Work.	AIPPL
32	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/179	29.12.2025	"Reg: -Review and Approval of Borrow area No 02 (Extension-01) for Embankment	AIPPL
33	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/180	29.12.2025	Regarding - Non-compliance for execution of (54+460 LHS) Test Pile without submission of RFI and prior intimation to IE	AIPPL
34	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG04/181	30.12.2025	Regarding - Factory Visit for Inspection of Shyam Metalics (SEL-Tiger) TMT	AIPPL

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CHAPTER-12
NON-CONFORMANCE REPORT

NIL

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

CHAPTER-13

WEATHER REPORT

WEATHER REPORT MONTH OF DECEMBER 2025								
SI No	Date	Weather condition	Rain fall(mm)	Temperature(°C)		Humidity (%)		Remarks
				Min.	Max.	Min.	Max.	
1	01.12.2025	Sunny	0	17.2	29.8	46	83	
2	02.12.2025	Sunny/Partly cloudy	0	18.2	27.0	58	80	
3	03.12.2025	Sunny/cloudy	0	19.3	28.4	59	82	
4	04.12.2025	Sunny	0	17.6	30.7	54	78	
5	05.12.2025	Sunny	0	16.4	28.8	50	80	
6	06.12.2025	Sunny	0	16.2	28.6	48	76	
7	07.12.2025	Sunny	0	17.3	29.4	52	78	
8	08.12.2025	Sunny	0	18.2	30.6	47	82	
9	09.12.2025	Sunny	0	16.8	29.2	44	84	
10	10.12.2025	Sunny	0	16.5	29.0	46	82	
11	11.12.2025	Sunny	0	16.0	29.2	47	84	
12	12.12.2025	Sunny	0	15.8	28.9	45	81	
13	13.12.2025	Sunny	0	15.8	29.2	46	83	
14	14.12.2025	Sunny	0	15.2	29.0	52	87	
15	15.12.2025	Sunny	0	16.3	30.1	46	78	
16	16.12.2025	Sunny	0	16.1	30.0	47	76	
17	17.12.2025	Sunny	0	16.0	29.6	50	82	
18	18.12.2025	Sunny	0	17.3	30.4	49	84	
19	19.12.2025	Sunny	0	16.6	29.4	51	81	
20	20.12.2025	Sunny	0	15.5	29.6	49	82	
21	21.12.2025	Sunny	0	15.4	29.5	52	84	
22	22.12.2025	Sunny	0	17.2	29.9	56	80	
23	23.12.2025	Sunny	0	16.6	30.1	51	83	
24	24.12.2025	Sunny/cloudy	0	18.1	28.4	58	80	
25	25.12.2025	Sunny/partly cloudy	0	19.5	27.6	59	79	
26	26.12.2025	Sunny/partly cloudy	0	18.5	28.0	54	80	
27	27.12.2025	Sunny	0	17.5	28.8	52	81	
28	28.12.2025	Sunny/partly cloudy	0	18.5	27.5	57	79	
29	29.12.2025	Sunny/partly cloudy	0	14.2	25.5	58	75	

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

30	30.12.2025	Sunny/partly cloudy	0	14.0	25.2	59	79	
31	31.12.2025	Sunny	0	15.2	26.8	52	77	

Rainfall Data				
Sr.no.	Description	Total Rainfall	Up to previous month	This month
1	Rainfall	1,670.60	1,670.60	00.00

The maximum & minimum weather records are summarized below:

TEMPERATURE/ RAINFALL PERIOD: 1 st DECEMBER, 2025 to 31 st DECEMBER, 2025				
Temperature		Rainfall		
Maximum (in °C)	Minimum (in °C)	Maximum (in mm)	Minimum (in mm)	Total Days
30.7	14	0	0	0

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

CHAPTER-14
ACCIDENT REPORT

NIL

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

CHAPTER-15

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 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.

CHAPTER-16

PROJECT PROGRESS PHOTOGRAPHS



Embankment 2nd layer in progress 61+500 To 61+700 LHS



58+103 MNB Foundation LHS Concrete Pouring In progress

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.



Embankment Layer in progress 61+200 To 61+500 LHS



EMBANKMENT TO FDD CHECKING FDD at 61+300 To 61+500 LHS

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 38.600 (End of Proposed Badarpur Bypass) to Km. 62.800 (Start of Proposed Nilambazar/ Cheragi Bypass) in the state of Assam (Package-IV) on HAM mode.



Abutment Pilling Work in progress 54+560 MJB