

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

September - 2025



Authority	 BUILDING INFRASTRUCTURE - BUILDING THE NATION	National Highways Infrastructure Development Corporation Limited
Independent Engineer	 AGNITIO	M/s Agnitio Infrastructure Projects Pvt. Ltd. in JV with M/s Ayoleeza Consultants Pvt. Ltd.
Concessionaire	 MKC Since-1963	MKC Badarpur Churaibari Kamakhya (PKG-4) Highways Pvt. Ltd.

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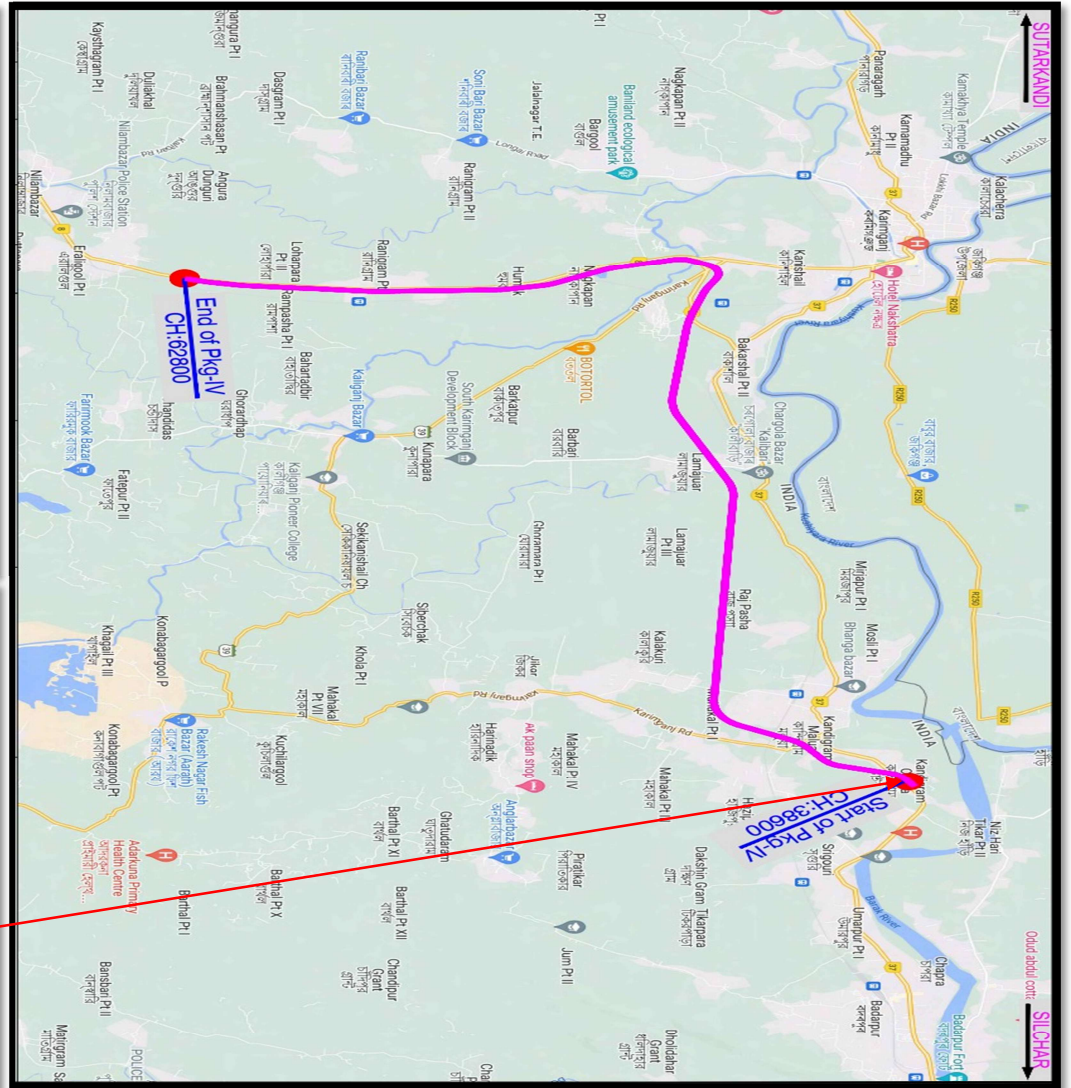
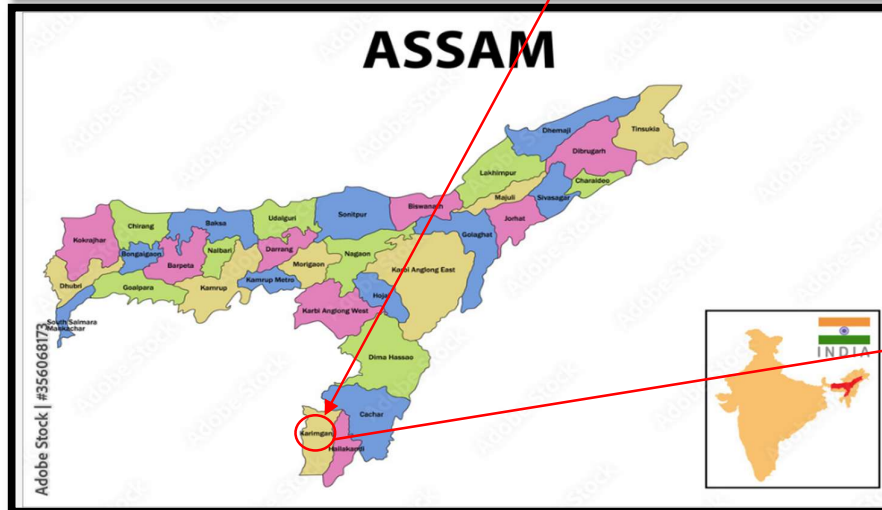
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PROJECT ROAD LOCATION MAP / INDEX MAP



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:

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. Mobilization:

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

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

5.Design and Drawing

The status of approval of Working Drawings for road works and structures submitted to Authority as on dated 30-09-2025 is given below.

Sr. No.	Description	UoM	Scope	Submitted	Approved	Balance	Remarks
1.	Plan & Profile (MCW)	Km.	24.20	24.20	24.20	0.00	
2.	Plan & Profile Service Road	Km.	0.860	0.00	0.00	0.00	
3.	Plan & Profile Slip Road	Km.	6.290	0.00	0.00	0.00	
4.	RE Wall	SqM.	24984	0.00	0.00	0.000	

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5.	ROB	Nos.	2.00	2.0	0.00	2.00	
6.	Major Bridge	Nos.	2.00	1.00	0.00	1.00	
7.	Minor Bridge	Nos.	13.00	3.00	0.00	3.00	
8.	Underpasses	Nos.	16.00	11.00	0.00	11.00	
9.	Culvert	Nos.	43.00	0.00	0.00	0.00	

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

7. Work Program:

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 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 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 19.50 km. are subjected to following:

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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	Remarks

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	Residencial & Boundary Wall
2	40+550	40+650	BHS	100	Building and other Zirats
3	41+400	41+700	RHS	150	House and Boundary Wall
4	43+000	43+200	BHS	200	Pond/ shades
5	48+350	48+900	BHS	550	Residential Building
6	50+800	50+850	RHS	25	Residential Building
7	52+920	53+000	BHS	80	Office Building
8	53+700	53+900	RHS	100	Assam Type House
9	54+360	54+400	RHS	20	Assam Type House/ Tin Shade
10	54+700	55+100	LHS	200	Assam Type House/RCC Building
11	55+000	55+050	LHS	25	Assam Type House/RCC Building
12	55+220	55+270	BHS	50	Assam Type House/RCC Building
13	55+540	55+580	RHS	20	Assam Type House/RCC Building
14	55+670	55+700	RHS	15	Assam Type House/RCC Building

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15	56+120	56+200	BHS	80	Assam Type House/RCC Building
16	56+510	56+550	BHS	40	Assam Type House/RCC Building
17	56+800	56+900	RHS	50	Assam Type House/RCC Building
18	57+100	57+130	BHS	30	Assam Type House/RCC Building
19	57+600	57+660	RHS	30	Assam Type House/RCC Building
20	57+800	58+000	BHS	200	Assam Type House/RCC Building
21	58+030	58+080	BHS	50	Assam Type House/RCC Building
22	58+950	59+100	BHS	150	Assam Type House/RCC Building
23	59+400	60+250	BHS	850	Assam Type House/RCC Building
24	60+300	60+550	RHS	125	Assam Type House/RCC Building
25	60+580	60+610	RHS	15	Assam Type House/RCC Building
26	60+780	60+880	RHS	50	Assam Type House/RCC Building
27	60+980	61+000	RHS	10	Assam Type House/RCC Building
28	61+400	61+550	RHS	75	Assam Type House/RCC Building
29	61+780	61+810	RHS	15	Assam Type House/RCC Building
30	62+030	62+060	RHS	15	Assam Type House/RCC Building
31	62+080	62+110	RHS	15	Assam Type House/RCC Building
32	62+250	62+400	RHS	75	Assam Type House/RCC Building
33	62+500	62+560	RHS	30	Assam Type House/RCC Building
34	39+950	40+200	BHS	250	Residencial & Boundary Wall
35	40+550	40+650	BHS	100	Building and other Zirats
36	41+400	41+700	RHS	150	House and Boundary Wall
37	43+000	43+200	BHS	200	Pond/ shades
38	48+350	48+900	BHS	550	Residential Building
39	50+800	50+850	RHS	25	Residential Building
40	52+920	53+000	BHS	80	Office Building
41	53+700	53+900	RHS	100	Assam Type House
42	54+360	54+400	RHS	20	Assam Type House/ Tin Shade
43	54+700	55+100	LHS	200	Assam Type House/RCC Building
44	55+220	55+270	BHS	50	Assam Type House/RCC Building

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45	55+540	55+580	RHS	20	Assam Type House/RCC Building
46	55+670	55+700	RHS	15	Assam Type House/RCC Building
47	56+120	56+200	BHS	80	Assam Type House/RCC Building
48	56+510	56+550	BHS	40	Assam Type House/RCC Building
49	56+800	56+900	RHS	50	Assam Type House/RCC Building
50	57+100	57+130	BHS	30	Assam Type House/RCC Building
51	57+600	57+660	RHS	30	Assam Type House/RCC Building
52	57+800	58+000	BHS	200	Assam Type House/RCC Building
53	58+030	58+080	BHS	50	Assam Type House/RCC Building
54	58+950	59+100	BHS	150	Assam Type House/RCC Building
55	59+400	60+250	BHS	850	Assam Type House/RCC Building
56	60+300	60+550	RHS	125	Assam Type House/RCC Building
57	60+580	60+610	RHS	15	Assam Type House/RCC Building
58	60+780	60+880	RHS	50	Assam Type House/RCC Building
59	60+980	61+000	RHS	10	Assam Type House/RCC Building
60	61+400	61+550	RHS	75	Assam Type House/RCC Building
61	61+780	61+810	RHS	15	Assam Type House/RCC Building
62	62+030	62+060	RHS	15	Assam Type House/RCC Building
63	62+080	62+110	RHS	15	Assam Type House/RCC Building
64	62+250	62+400	RHS	75	Assam Type House/RCC Building
65	62+500	62+560	RHS	30	Assam Type House/RCC Building
Total Hindered Length				7355.00	

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Current Issues:-

- a) Water logging in PROW :-** Due to heavy rainfall, water has accumulated along almost the entire length of the project within the ROW, which has hampered construction activities.

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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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14	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.

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 -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	
	Cross Road		Nos.	30	
13.	W-beam Single faced metal crash barrier		Rmt.	31092	
14.	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) Truck Lay-byes
- f) Bus Bay and Bus Shelter
- g) Pedestrian Facilities
- h) Highway Lighting
- i) Rainwater Harvesting
- j) Environmental Management Plan
- k) Land Scaping and Tree Plantation
- l) Advanced Traffic Management System (ATMS)
- m) Highway Petrol Unit
- n) Emergency Medical Services
- o) Crane Services

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CHAPTER -5

PRE-CONSTRUCTION ACTIVITIES

5.1 Obligations

Obligations of Authority-

Sr. No.	Clause No.	Obligation	Status	Remark/ Reference
1	Clause 4.1.2	Condition Precedent	Not Done	
2	Article 11	Utilities, Associated Roads and Trees		
3	Clause 18.1.2	Safety Consultant	Not Done	
4	Article 21	Appointment of Independent Engineer	Done	
5	Clause 10.3	Joint Memorandum	Done	

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	In-Progress	
3	Article 26	Insurance	Done	
4	Clause 4.1.3 (Schedule-E)	Applicable Permits	In-Progress	
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	Nos.	Remarks
1.	HT/ LT Lines (including Transformer if any)	Kms	24.20	
2.	HT/ LT crossing	Nos.	85	
3.	Water Pipelines	Kms	9.07	
4.	Water Pipeline Crossing	Nos.	11	

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

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 18th of August ,2025.

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

HINDRANCE LIST – CHAINAGE WISE DETAILS

DETAILS OF ENCUMBRANCES WITHIN ROW					
Sr. No	Chainage		Side	Total Length (KM)	Description
	From	To			
1	39+950	40+200	BHS	250	Residencial & Boundary Wall
2	40+550	40+650	BHS	100	Building and other Zirats
3	41+400	41+700	RHS	150	House and Boundary Wall
4	43+000	43+200	BHS	200	Pond/ shades
5	48+350	48+900	BHS	550	Residential Building

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6	50+800	50+850	RHS	25	Residential Building
7	52+920	53+000	BHS	80	Office Building
8	53+700	53+900	RHS	100	Assam Type House
9	54+360	54+400	RHS	20	Assam Type House/ Tin Shade
10	54+700	55+100	LHS	200	Assam Type House/RCC Building
11	55+000	55+050	LHS	25	Assam Type House/RCC Building
12	55+220	55+270	BHS	50	Assam Type House/RCC Building
13	55+540	55+580	RHS	20	Assam Type House/RCC Building
14	55+670	55+700	RHS	15	Assam Type House/RCC Building
15	56+120	56+200	BHS	80	Assam Type House/RCC Building
16	56+510	56+550	BHS	40	Assam Type House/RCC Building
17	56+800	56+900	RHS	50	Assam Type House/RCC Building
18	57+100	57+130	BHS	30	Assam Type House/RCC Building
19	57+600	57+660	RHS	30	Assam Type House/RCC Building
20	57+800	58+000	BHS	200	Assam Type House/RCC Building
21	58+030	58+080	BHS	50	Assam Type House/RCC Building
22	58+950	59+100	BHS	150	Assam Type House/RCC Building
23	59+400	60+250	BHS	850	Assam Type House/RCC Building
24	60+300	60+550	RHS	125	Assam Type House/RCC Building
25	60+580	60+610	RHS	15	Assam Type House/RCC Building
26	60+780	60+880	RHS	50	Assam Type House/RCC Building
27	60+980	61+000	RHS	10	Assam Type House/RCC Building
28	61+400	61+550	RHS	75	Assam Type House/RCC Building
29	61+780	61+810	RHS	15	Assam Type House/RCC Building
30	62+030	62+060	RHS	15	Assam Type House/RCC Building
31	62+080	62+110	RHS	15	Assam Type House/RCC Building
32	62+250	62+400	RHS	75	Assam Type House/RCC Building
33	62+500	62+560	RHS	30	Assam Type House/RCC Building
34	39+950	40+200	BHS	250	Residencial & Boundary Wall
35	40+550	40+650	BHS	100	Building and other Zirats

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.

36	41+400	41+700	RHS	150	House and Boundary Wall
37	43+000	43+200	BHS	200	Pond/ shades
38	48+350	48+900	BHS	550	Residential Building
39	50+800	50+850	RHS	25	Residential Building
40	52+920	53+000	BHS	80	Office Building
41	53+700	53+900	RHS	100	Assam Type House
42	54+360	54+400	RHS	20	Assam Type House/ Tin Shade
43	54+700	55+100	LHS	200	Assam Type House/RCC Building
44	55+220	55+270	BHS	50	Assam Type House/RCC Building
45	55+540	55+580	RHS	20	Assam Type House/RCC Building
46	55+670	55+700	RHS	15	Assam Type House/RCC Building
47	56+120	56+200	BHS	80	Assam Type House/RCC Building
48	56+510	56+550	BHS	40	Assam Type House/RCC Building
49	56+800	56+900	RHS	50	Assam Type House/RCC Building
50	57+100	57+130	BHS	30	Assam Type House/RCC Building
51	57+600	57+660	RHS	30	Assam Type House/RCC Building
52	57+800	58+000	BHS	200	Assam Type House/RCC Building
53	58+030	58+080	BHS	50	Assam Type House/RCC Building
54	58+950	59+100	BHS	150	Assam Type House/RCC Building
55	59+400	60+250	BHS	850	Assam Type House/RCC Building
Total Hindered Length				7355.00	

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 -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	Manoj Kumar Das	Project Manager	Project
4	Biraj Hazarika	Project Manager	Project
5	Srinivasarao.Avula	Deputy Project Manager	Project
6	Dhirendra Thapa	Asst. Manager	HR/Admin
7	Saurabh Kumar	Sr. Executive	HR/Admin
8	Manoj Kumar Dixit	Executive	HR/Admin
9	Golu Meena	Supervisor (Mess)	HR/Admin
10	Shyam babu Singh	Manager	Liaison
11	Deepak Sharma	Executive	Liaison
12	Satyam Dey	Executive	Liaison
13	Samil Hussain Laskar	Executive	Liaison
14	Jagdish Pandey	Asst. Manager	Billing & Planning
15	Ranjan Akash Jha	Sr. Engineer	Billing & Planning
16	Surajit Samanta	Engineer	Billing & Planning
17	Partha Phukan	Asst. Engineer	Billing & Planning
18	Santosh Singh	Dy. Manager	Structure
19	Vageesh Tripathi	Senior Engineer	Structure
20	Ranjan Kumar	Senior Engineer	Structure
21	Brijendra Giri	Senior Engineer	Structure
22	Ajay Kumar	Senior Engineer	Structure
23	Souvik Paul	Engineer	Structure
24	Deepak Chauhan	Engineer	Structure
25	Sujit Kumar Ray	Sr. Supervisor	Structure
26	Ankit Chaurasia	Supervisor	Structure
27	Narayan Kumar	Supervisor	Structure
28	Ankit Solanki	Supervisor	Structure
29	Sai Prakash Maddinani	Manager	Highway
30	Avneesh Kumar Pandey	Dy. Manager	Highway
31	Samarjeet Singh	Engineer	Highway
32	Rishab Pal	Senior Engineer	Highway
33	Tapas Basak	Engineer	Highway
34	Arya Yadav	Engineer	Highway
35	Subhash Kumar	Jr. Engineer	Highway
36	Jay Prakash Singh	Senior Supervisor	Highway
37	Anmol	Supervisor	Highway
38	Md. Mohbub Ahmed	Supervisor	Highway
39	Imrat Ahirwar	Supervisor	Highway
40	Yogendra Rai	Supervisor	Highway
41	Ratan Thakur	Supervisor	Highway
42	Krishna Singh	Supervisor	Highway
43	Chandrakant	Supervisor	Highway
44	Manosh Pritm Laskar	Supervisor	Highway
45	Grithartha Gautam Saikia	Supervisor	Highway
46	Jamil Uddin Tappadar	Supervisor	Highway
47	Ashish Koley	Dy. Manager	Survey
48	Jayanta Mallick	Sr. Surveyor	Survey
49	Koushik Rout	Sr. 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.

50	Biswajit Dhara	Sr. Surveyor	Survey
51	Ram Poojan	Surveyor	Survey
52	Amit Singh	Surveyor	Survey
53	Subrata Dinda	Sr. Manager	P & M
54	Ajay kumar	Manager	P & M
55	Amit Bhaduria	Executive	P & M
56	Ramkaran Sahu	Engineer	P & M
57	Deepak Thakur	Executive	P & M
58	Amit Tiwari	Supervisor	P & M
59	Indrajit Majumder	Supervisor	P & M
60	Prabhakar Kumar	Jr. Engineer	P & M
61	Subham Kar	Supervisor	P & M
62	Ajmal Hussain Laskar	Foreman	P & M
63	Srihari.CH	Supervisor	P & M
64	Tama	Supervisor	P & M
65	Surajit Das	Asst. Manager	Store
66	Amit Sikarwar	Sr. Executive	Store
67	Deepak Purty	Jr. Executive	Store
68	Sujeet Sharma	Supervisor	Store
69	Sumanta Datta	Supervisor	Store
70	Milan Samanta	Supervisor	Store
71	Ravi Shankar Tripathi	Sr. Manager	QA/QC
72	Ranjan Kumar	Engineer	QA/QC
73	Sujay De Sarkar	Engineer	QA/QC
74	Ashok Kumar Mondal	Engineer	QA/QC
75	Subham Singh	Asst. Engineer	QA/QC
76	Daya Shankar	Lab Tech.	QA/QC
77	Ramprakash Mishra	Lab Tech.	QA/QC
78	Karan Kumar	Lab Tech.	QA/QC
79	Amit Pathak	Lab Tech.	QA/QC
80	Arun Kumar Mondal	Lab Tech.	QA/QC
81	Ravikhanth Kumar	Lab Tech.	QA/QC
82	Pankaj Baser	Jr. Engineer	Electrical
83	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.	7	
2	TIPPER	Nos.	30	
3	MOBILE CRANE	Nos.	2	
4	SOIL COMPACTOR	Nos.	5	
5	EXCAVATOR	Nos.	10	
6	BACK HOE LOADER	Nos.	4	
7	DIESEL DISPENCER	Nos.	2	
8	TRANSIT MIXER	Nos.	10	
9	TRACTOR	Nos.	2	
10	GRADER	Nos.	3	
11	BABY ROLLER	Nos.	1	
12	HM PLANT	Nos.	1	
13	BATCHING PLANT	Nos.	1	
14	RE BLOCK PLANT	Nos.	1	
15	DG	Nos.	2	
16	TRAILER	Nos.	1	
17	CRUSHER	Nos.	1	
18	WATER TANKER	Nos.	1	
19	LOADER	Nos.	1	

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 September-30, 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	0.00	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	0.00	0.00	
4.	Pavement Design Report	Nos	1.00	0.00	0.00	0.00	
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	-	-	-	

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	5	0	2.00
SVUP	0	0	0	0.00
LVUP	4	3	0	3.00
VUP	5	3	0	3.00
MNB	13	3	0	3.00
MJB	2	1	0	1.00
ROB	2	2	0	2.00
Box Culvert	43	0	0	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:

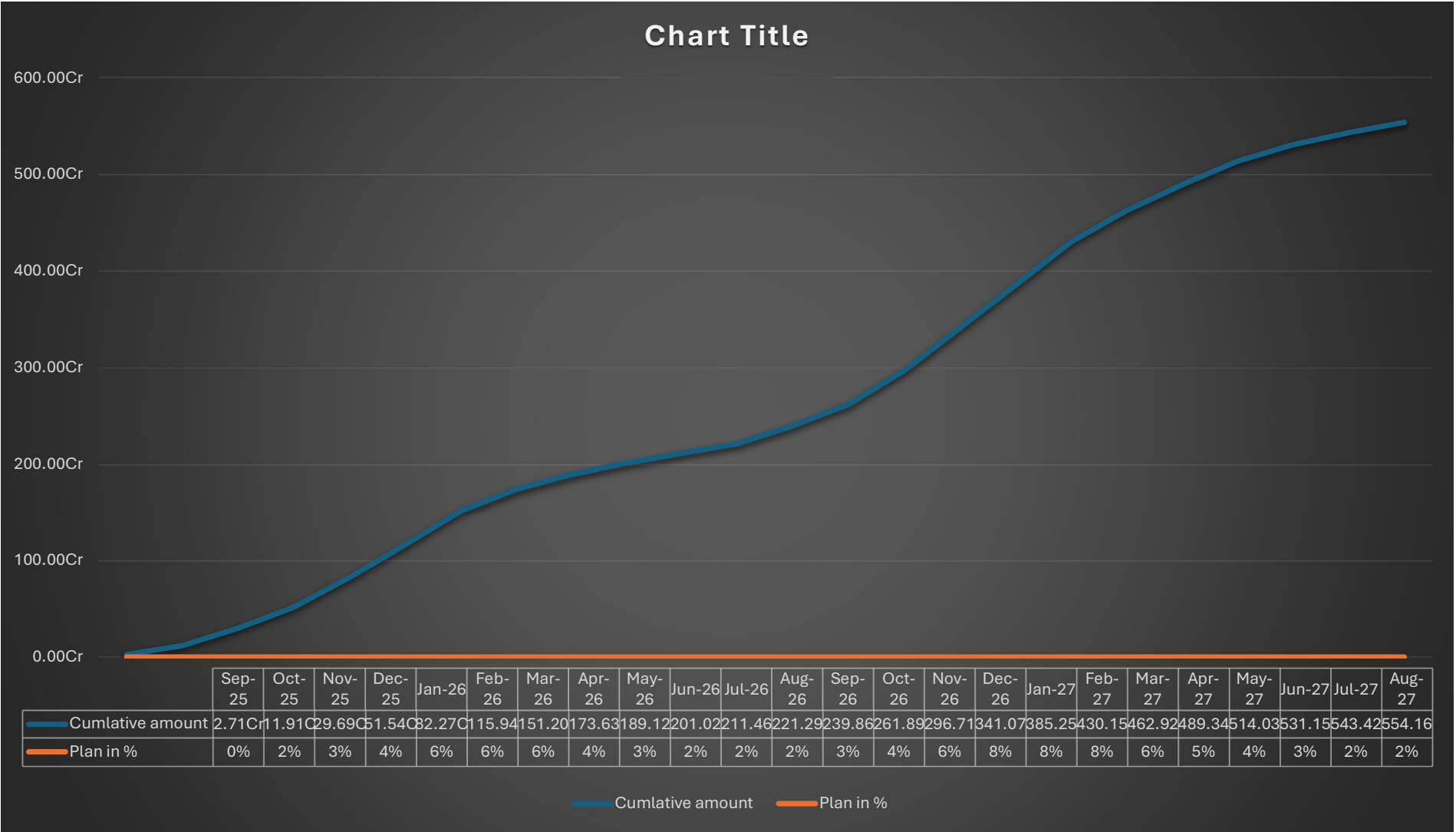
Progress as per Schedule G for the month September-2025.

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 ROBRUB/Major Bridges/Structures (But excluding service road)	B-New 4 Lane Realignment/Bypass						
	(1) Earthwork upto top of Sub-grade	L-Km	46.52	37.14%	-	0%	0%
	(2) Granular work (Sub-base, base,shoulder)						
	(a) GSB	L-Km	46.52	6.21%	-	0%	0%
	(b) WMM	L-Km	46.52	4.45%	-	0%	0%
	(3) Shoulders	L-Km	46.52	0.19%	-	0%	0%
	(4) Bituminous Work						
	(a) DHM	L-Km	46.52	2.90%	-	0%	0%
	(b) BC	L-Km	46.52	1.80%	-	0%	0%
	Sub Total-B						
	C- New Culverts, Minor Bridges, underpasses, overpasses on existing road, realignment, bypasses:					0.00%	0%
	1) Culverts	No.	86.00	5.20%	-	0%	0%
	2) Minor Bridge						
	a) Foundation	No.	39.00	3.02%	-	0%	0%
	b) Sub-Structure	No.	39.00	1.36%	-	0%	0%
	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%	0%
	c-ii) Slab - after Completion of Slab (60%)	No.	31.00	1.09%	-	0%	0%
	5) Grade Separated Structures						
	a) Underpasses						
	i) Foundation	No.	44.00	4.01%	-	0%	0%
	ii) Sub-Structure	No.	44.00	1.11%	-	0%	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.	12.00	0.47%	-	0%	0%
	iii-b) Slab - after Completion of Slab (60%)	No.	32.00	1.29%	-	0%	0%
Major Bridge works and ROBRUB	C- New Major Bridges					0.00%	0%
	(1) Foundation						
	(b) Pile Foundation/Well Foundation	No.	14.00	2.63%	-	0%	0%
	(2) Sub-structure	No.	14.00	0.59%	-	0%	0%
	(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%	0%
	3-b) Slab - after Completion of Slab (60%)	No.	10.00	0.61%	-	0%	0%
	D- New rail-road bridges					0.00%	0.00%
	(a) ROB						
	(1) Foundation	No.	16.00	3.17%	-	0%	0%
Structures (Elevated Section, Reinforced earth)	(2) Sub-structure	No.	16.00	1.44%	-	0%	0%
	(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%	0%
	3-b) Slab - after Completion of Slab (60%)	No.	12.00	2.05%	-	0%	0%
	4) Reinforced Earth Wall (includes Approaches of ROB, Underpasses, Overpasses, Flyover etc. If RE-wall is used with facing panels/blocks, 5% of weightage of the stage in percentage to bid project cost is assigned to the casting of such facing panels/blocks etc. complete, not work.					0.00%	0.00%
	i) Re Panel/Blocks Casting (5%)	Sq.m	46,480.00	0.04%	-	0%	0%
Electrical and Public Health Utilities	ii) Re Panel/Blocks Erection (95%)	Sq.m	46,480.00	0.80%	-	0%	0%
	UTILITY SHIFTING					0.00%	0.00%
	HT/LT lines (including Transformers if any)	Km	24.20	1.72%	-	0%	0%
	HT/LT crossings	No.	85.00	0.65%	-	0%	0%
	Water pipeline	Km	9.07	0.07%	-	0%	0%
Other Works	Water pipeline crossings	No.	11.00	0.06%	-	0%	0%
	MISCELLANEOUS WORKS					0.00%	0.00%
	i) Service Road/ Slip Road	L-Km	7.15	1.59%	-	0%	0%
	ii) Toll Plaza	No.	1.00	0.57%	-	0%	0%
	iii) Road Side Drains	L-Km	5.30	0.53%	-	0%	0%
	iv) Road signs,markings, Km Stone, Safety devices						
	(a) Road signs,markings, Km Stone	L-Km	48.40	0.37%	-	0%	0%
	(d) Concrete Crash Barrier/W Beam Crash Barrier in Road work	L-Km	33.674	1.62%	-	0%	0%
	v) Project Facilities						
	(a) Bus bay	No.	2.00	0.05%	-	0%	0%
	(c) Rest Area	No.	2.00	0.41%	-	0%	0%
	vi) Protection Work						
	(a) Boulder Pitching on Slopes	L-Km	18.040	1.15%	-	0%	0%
	(b) Toe Wall / Retaining Wall	L-Km	6.51	5.45%	-	0%	0%
	vii) Miscellaneous						
	(a) Boundary Wall	RMT	46,520.00	0.79%	-	0%	0%
	(b) Junctions	No.	45.00	0.46%	-	0%	0%
	(c) Street Lighting	No.	913.00	0.29%	-	0%	0%
	(d)ATMS, HTMS, Traffic Aid Posts, Medical aid Posts, Vehicle Rescue Posts, Telecom System	Km	24.20	0.63%	-	0%	0%
	Sub Total-G					0.00%	0.00%
	Grand Total			100.00%		0.00%	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.

9.2 S Curve

Chart Title



9.4 Highway Progress:

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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		Chainage		LHS				
BC		43+610		BC				
DBM		43+620		DBM				
WMM		43+630		WMM				
GSB		43+640		GSB				
Sub-Grade		43+650		Sub-Grade				
Embankment		43+660		Embankment				
C&G		43+670		C&G				
		43+680						
		43+690						
		43+700						
		43+710						
		43+720						
		43+730						
		43+740						
		43+750						
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		44+530						
		44+540						
		44+550						
		44+560						
		44+570						
		44+580						
		44+590						

RHS		Chainage		LHS				
BC		43+610		BC				
DBM		43+620		DBM				
WMM		43+630		WMM				
GSB		43+640		GSB				
Sub-Grade		43+650		Sub-Grade				
Embankment		43+660		Embankment				
C&G		43+670		C&G				
		43+680						
		43+690						
		43+700						
		43+710						
		43+720						
		43+730						
		43+740						
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		44+560						
		44+570						
		44+580						
		44+590						

RHS		Chainage		LHS				
BC		43+610		BC				
DBM		43+620		DBM				
WMM		43+630		WMM				
GSB		43+640		GSB				
Sub-Grade		43+650		Sub-Grade				
Embankment		43+660		Embankment				
C&G		43+670		C&G				
		43+680						
		43+690						
		43+700						
		43+710						
		43+720						
		43+730						
		43+740						
		43+750						
		43+760						
		43+770						
		43+780						
		43+790						
		43+800						
		43+810						
		43+820						
		43+830						
		43+840						
		43+850						
		43+860						
		43+870						
		43+880						
		43+890						
		43+900						
		43+910						
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		44+350						
		44+360						
		44+370						
		44+380						
		44+390						
		44+400						
		44+410						
		44+420						
		44+430						
		44+440						
	</							

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.

[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.

[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		Chainage		LHS	
BC		55+610		BC	
DBM		55+620		DBM	
WMM		55+630		WMM	
GSB		55+640		GSB	
Sub-Grade		55+650		Sub-Grade	
Embankment		55+660		Embankment	
C&G		55+670		C&G	
		55+680			
		55+690			
		55+700			
		55+710			
		55+720			
		55+730			
		55+740			
		55+750			
		55+760			
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		56+180			
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		56+210			
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		56+540			
		56+550			
		56+560			
		56+570			
		56+580			
		56+590			
LHS		Chainage		RHS	
BC		55+610		BC	
DBM		55+620		DBM	
WMM		55+630		WMM	
GSB		55+640		GSB	
Sub-Grade		55+650		Sub-Grade	
Embankment		55+660		Embankment	
C&G		55+670		C&G	
		55+680			
		55+690			
		55+700			
		55+710			
		55+720			
		55+730			
		55+740			
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		56+540			
		56+550			
		56+560			
		56+570			
		56+580			
		56+590			
LHS		Chainage		RHS	
BC		55+610		BC	
DBM		55+620		DBM	
WMM		55+630		WMM	
GSB		55+640		GSB	
Sub-Grade		55+650		Sub-Grade	
Embankment		55+660		Embankment	
C&G		55+670		C&G	
		55+680			
		55+690			
		55+700			
		55+710			
		55+720			
		55+730			
		55+740			
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		55+760			
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		56+460			
		56+470			
		56+480			
		56+490			
		56+500			
		56+510			
		56+520			
		56+530			
		56+540			
		56+550			
		56+560			
		56+570			
		56+580			
		56+590			
LHS		Chainage		RHS	
BC		55+610		BC	
DBM		55+620		DBM	
WMM		55+630		WMM	
GSB		55+640		GSB	
Sub-Grade		55+650		Sub-Grade	
Embankment		55+660		Embankment	
C&G		55+670		C&G	
		55+680			
		55+690			
		55+700			
		55+710			
		55+720			
		55+730			
		55+740			
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		56+000			
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		56+050			
		56+060			
		56+070			
		56+080			

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.

[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	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	
RHS	C&G																					
	Embankment																					
	Sub-Grade																					
	GSB																					
	WMM																					
	DBM																					
	BC																					

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 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 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	Abutment	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													
													A2		A2													
2													A1	42+120	A1													
													A2		A2													
3													A1	44+798	A1													
													A2		A2													
4													A1	46+572	A1													
													A2		A2													
5													A1	49+807	A1													
													A2		A2													
6													A1	51+988	A1													
													A2		A2													
7													A1	53+067	A1													
													A2		A2													
8													A1	53+200	A1													
													A2		A2													
9													A1	55+742	A1													
													A2		A2													
10													A1	56+998	A1													
													A2		A2													
11													A1	58+103	A1													
													A2		A2													
12													A1	59+732	A1													
													A2		A2													
13													A1	61+029	A1													
													A2		A2													
1	Not Available		1																									
2	In Progress																											
3	Completed																											

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 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.

9.5.3 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	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										
											A2		A2										
2											A1	54+460	A1										
											A2		A2										
1	Not Available																						
2	In Progress																						
3	Completed																						

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		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	40+978	A1											
												A2		A2											
2												A1	53+328	A1											
												A2		A2											
1	Not Available		1																						
2	In Progress																								
3	Completed																								

Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 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.

9.5.5 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 Underpass	A2										
2												A1	39+360	A1										
												A2	Box Underpass	A2										
3												A1	42+165	A1										
												A2	Box Underpass	A2										
4												A1	43+430	A1										
												A2	Box Underpass	A2										
5												A1	48+695	A1										
												A2	Box Underpass	A2										
6												A1	49+508	A1										
												A2	Box Underpass	A2										
7												A1	51+725	A1										
												A2	Box Underpass	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		1																					
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.

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 September, 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	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

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.	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

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Monthly Laboratory Report

S. No.	Description	IS Designation	Frequency of Tests	Up to Previous Month				During current month				Up to this Month			
				Tests reqd.	Tested	Passed	Failed	Tests reqd.	Tested	Passed	Failed	Tests reqd.	Tested	Passed	Failed
1.0 Tests on Subgrade Samples		MoRT&H 5th, Section 300													
1.1	MDD / OMC	IS:2720 (Part8)	1 test per 200m	-	50	50									
1.2	LL / PL / PI	IS:2720 (Part5)	1 test per 200m	-	50	50									
1.3	GSA	IS:2720 (Part4)	1 test per 200m	-	50	50									
1.4	Free Swell index	IS:2720 (Part40)	1 test per 200m	-	50	50									
1.5	Field Density	IS:2720 (Part28)	1 set/1000 Sq.m	-	50	50									
2.0 Coarse (20mm & 10mm Aggregate)		MoRT&H 5th, Section 1000													
2.1	Moisture Correction	IS:2386 (Part3)	1 test per source /operation/As required												
2.2	Gradation (20mm CA)	IS:2386 (Part1)	1 test per source /operation/As required												
2.3	Gradation (10mm CA)	IS:2386 (Part1)	1 test per source /operation/As required												
2.4	Combined Gradation(20+10mm)	IS:2386 (Part1)	1 test per source /operation/As required												
2.5	All-in one Gradation	IS:382	1 test per source /operation/As required												
2.6	Gradation (River Sand FA)	IS:383	1 test per source /operation/As required												
2.7	Gradation (Stone dust FA)	IS:383	1 test per source /operation/As required												
2.8	Flakiness Index	IS:2386 (Part1)	1 test per source /operation/As required												
2.9	A.I.V	IS:2386 (Part4)	1 test per source /operation/As required												
2.10	Sp.Gravity &Water absorption 20mmCA	IS:2386 (Part3)	1 test per source /operation/As required												
2.11	Sp.Gravity &Water absorption 10mmCA	IS:2386 (Part3)	1 test per source /operation/As required												
2.12	Sp.Gravity &Water absorption sand FA (River Sand & Stone Dust)	IS:2386 (Part3)	1 test per source /operation/As required												
2.13	Bulk Density (20 mm CA)	IS:2386 (Part3)	1 test per source /operation/As required												
2.14	Bulk Density (10 mm CA)	IS:2386 (Part3)	1 test per source /operation/As required												
2.15	Bulk Density (River Sand FA & Stone Dust)	IS:2386 (Part3)	1 test per source /operation/As required												
2.16	Silt Content (River Sand FA & Stone Dust)	IS:2386 (Part2)	1 test per source /operation/As required												
3.0 Cement (OPC-43 Grade)		MoRT&H 5th, Section 1000													
3.1	Fineness (Dry Sieve)	IS:4031, Part 1	1 test every week												
3.2	Normal Consistency	IS:4031, Part 4													
3.3	Le Chatelier Expansion	IS:4031, Part 3													
3.4	Time of Setting	IS:4031, Part 5													
3.5	Compressive Strength(3days) (3cube/1st)	IS:4031, Part 6													
3.6	Compressive Strength(7days) (3cube/1st)	IS:4031, Part 6													
3.7	Compressive Strength(28days) (3cube/1st)	IS:4031, Part 6													
4.0 Cement (OPC-53 Grade)		MoRT&H 5th, Section 1000													
4.1	Fineness (Dry Sieve)	IS:4031, Part 1	1 test every week												
4.2	Normal Consistency	IS:4031, Part 4													
4.3	Le Chatelier Expansion	IS:4031, Part 3													
4.4	Time of Setting	IS:4031, Part 5													
4.5	Compressive Strength(3days) (3cube/1st)	IS:4031, Part 6													
4.6	Compressive Strength(7days) (3cube/1st)	IS:4031, Part 6													
4.7	Compressive Strength(28days) (3cube/1st)	IS:4031, Part 6													

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.

5.0 Compressive Strength Test of Nominal Mix (1:2:4)		MoRT&H 5th, Section 1700													
5.1	M-15 PCC (7th Days)	IS:516	MoRT&H 5th, Section 1700(3cube/1st)												
5.2	M-15 PCC (28th Days)	IS:516													
5.0-A Compressive Strength Test of Concrete Mix Design		MoRT&H 5th, Section 1700													
5-A.1	M-15 PCC (7th Days)	IS:516	MoRT&H 5th, Section 1700(3cube/1st) (Nos)												
5-A.2	M-15 PCC (28th Days)	IS:516													
5-A.3	M-20 PCC (7th Days)	IS:516													
5-A.4	M-20 PCC (28th Days)	IS:516													
5-A.5	M-25 RCC (7th Days)	IS:516													
5-A.6	M-25 RCC (28th Days)	IS:516													
5-A.7	M-30 RCC (7th Days)	IS:516													
5-A.8	M-30 RCC (28th Days)	IS:516													
5-A.9	M-35 RCC (7th Days)	IS:516													
5-A.10	M-35 RCC (28th Days)	IS:516													
5-A.11	M-40 RCC (7th Days)	IS:516													
5-A.12	M-40 RCC (28th Days)	IS:516													
5-A.13	M-45 RCC (7th Days)	IS:516													
5-A.14	M-45 RCC (28th Days)	IS:516													
6.0 Compressive Strength Test of Concrete Regular		MoRT&H 5th, Section 1700													
6.1	M-15 PCC (7th Days)	IS:516	MoRT&H 5th, Section 1700(3cube/1st)												
6.2	M-15 PCC (28th Days)	IS:516													
6.3	M-20 PCC (7th Days)	IS:516	MoRT&H 5th, Section 1700(3cube/1st)												
6.4	M-20 PCC (28th Days)	IS:516													
6.5	M-25 PCC (7th Days)	IS:516	MoRT&H 5th, Section 1700(3cube/1st)												
6.6	M-25 PCC (28th Days)	IS:516													
6.7	M-30 RCC (7th Days)	IS:516	MoRT&H 5th, Section 1700(3cube/1st)												
6.8	M-30 RCC (28th Days)	IS:516													
6.9	M-35 RCC (7th Days)	IS:516	MoRT&H 5th, Section 1700(3cube/1st)												
6.9.1	M-35 RCC (28th Days)	IS:516													
6.9.2	M-40 RCC (7th Days)	IS:516	MoRT&H 5th, Section 1700(3cube/1st)												
6.9.3	M-40 RCC (28th Days)	IS:516													
7.0 Compressive Strength Test of Masonary Mortar Mix Design (1:3)		MoRT&H 5th, Section 1300 & 1000													
7.1	MM-7.5 (28th Days)	IS:516	MoRT&H 5th, Section 1300												
8.0 Compressive Strength Test of Masonary Mortar Regular (1:3)		MoRT&H 5th, Section 1400 & IS-2250													
8.1	MM-7.5 (28th Days)	IS:516	MoRT&H 5th, Section 1400(3sample for a day's												
9.0	Filter Media	MoRT&H 5th, Section 300													
9.1	Gradaion	MoRT&H T-300-3													
9.2	FI & EI	IS:2386 (Part1)													
9.3	Water Absorption	IS:2386 (Part3)													

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.

10.0 Back-Filling		MoRT&H 5th, Section 300													
10.1	MDD / OMC	IS:2720 (Part8)	As required												
10.2	LL / PL / PI	IS:2720 (Part5)	As required												
10.3	Gradation	IS:2720 (Part4)	As required												
10.4	CBR Test	IS:2720 (Part16)	As required												
10.5	Free Swell Index	IS:2720 (Part40)	As required												
10.6	Field Density	IS:2720 (Part28)	1 set/2000 Sq.m												
11.0 CTSB & CTB Mix Design		MoRT&H 5th, Section 400													
11.1	Gradation (40mm CA)	IS:2386 (Part1)	1 test per source /operation/As required												
11.2	Gradation (20mm CA)	IS:2386 (Part1)	1 test per source /operation/As required												
11.3	Gradation (10mm CA)	IS:2386 (Part1)	1 test per source /operation/As required												
11.4	Gradation (Stone dust FA)	IS:2386 (Part1)	1 test per source /operation/As required												
11.5	Combined Gradation (40mm+20+10mm+Stone Dust)	IS:2386 (Part1)	1 test per source /operation/As required												
11.6	MDD / OMC	IS 2720 (Part 8)	1 test per source /operation/As required												
11.7	Flakiness Index	IS:2386 (Part1)	1 test per source /operation/As required												
11.8	A.I.V	IS:2386 (Part4)	1 test per source /operation/As required												
11.9	LL / PL / PI	IS 2720 (Part5)	1 test per source /operation/As required												
11.9	Plasticity Modulus	IRC:SP:89-2010	1 test per source /operation/As required												
11.1.0	Water absorption 40mmCA	IS:2386 (Part3)	1 test per source /operation/As required												
11.1.1	Water absorption 20mmCA	IS:2386 (Part3)	1 test per source /operation/As required												
11.1.2	Water absorption 10mmCA	IS:2386 (Part3)	1 test per source /operation/As required												
11.1.3	Water absorption Stone Dust FA	IS:2386 (Part3)	1 test per source /operation/As required												
11.1.4	UCS Test	IRC:SP:89-2010	1 test per source /operation/As required												
12.0 Granular Sub-Base (GSB) Mix Design		MoRT&H 5th, Section 400													
12.1	Individual Gradation (Crushed GSB)	IS:2386 (Part1)	1 test per source /operation/As required												
12.2	Individual Gradation (Stone dust FA)	IS:2386 (Part1)	1 test per source /operation/As required												
12.3	Combined Gradation (Crushed GSB+Stone Dust)	IS:2386 (Part1)	1 test per source /operation/As required												
12.4	MDD / OMC	IS 2720 (Part 8)	1 test per source /operation/As required												
12.5	CBR Test	IS-2720 (Part-16)	1 test per source /operation/As required												
12.6	A.I.V	IS:2386 (Part4)	1 test per source /operation/As required												
12.7	LL / PL / PI	IS 2720 (Part5)	1 test per source /operation/As required												
12.8	Water absorption (Crushed GSB)	IS:2386 (Part3)	1 test per source /operation/As required												
12.9	Water absorption 10mmCA	IS:2386 (Part3)	1 test per source /operation/As required												
13.0 Wet Mix Macadam (WMM) Mix Design		MoRT&H 5th, Section 400													
13.1	Individual Gradation (40mm CA)	IS:2386 (Part1)	1 test per source /operation/As required												
13.2	Individual Gradation (20mm CA)	IS:2386 (Part1)	1 test per source /operation/As required												
13.3	Individual Gradation (10mm CA)	IS:2386 (Part1)	1 test per source /operation/As required												
13.4	Individual Gradation (Stone dust FA)	IS:2386 (Part1)	1 test per source /operation/As required												
13.5	Combined Gradation (40mm+20+10mm+Stone Dust)	IS:2386 (Part1)	1 test per source /operation/As required												
13.6	MDD / OMC	IS 2720 (Part 8)	1 test per source /operation/As required												
13.7	Flakiness Index	IS:2386 (Part1)	1 test per source /operation/As required												
13.8	A.I.V	IS:2386 (Part4)	1 test per source /operation/As required												
13.9	LL / PL / PI	IS 2720 (Part5)	1 test per source /operation/As required												
13.1.1	Water absorption 40mmCA	IS:2386 (Part3)	1 test per source /operation/As required												
13.1.2	Water absorption 20mmCA	IS:2386 (Part3)	1 test per source /operation/As required												
13.1.3	Water absorption 10mmCA	IS:2386 (Part3)	1 test per source /operation/As required												
13.1.4	Water absorption Stone Dust FA	IS:2386 (Part3)	1 test per source /operation/As required												
14.0 Granular Sub-Base (GSB)		MoRT&H 5th, Section 400													
14.1	Gradation	IS:2386 (Part1)	1 test/400 M ²												
14.2	LL / PL / PI	IS 2720 (Part5)	1 test/400 M ²												
14.3	Field Density	IS:2720 (Part28)	1 test/1000 M ²												

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15.0 Cement Treated Sub Base (CTSB)		MoRT&H 5th, Section 400													
15.1	Gradation	IS:2386 (Part1)	1 test/400 M ³												
15.2	LL / PL / PI	IS 2720 (Part5)	1 test/400 M ³												
15.3	Field Density	IS:2720 (Part28)	2 test /500 M ²												
15.3	Unconfined Compressive Strength (UCS) Test	IRC:SP:89-2010	2 Set of 3/400MT/Day/Plant												
16.0 Dense Bituminous Macadam (DBM)		MoRT&H 5th, Section 500													
16.1	Individual Gradation of 26.5 mm Down Aggregate	MoRT&H T-500-10	As required												
16.2	Individual Gradation of 20 mm Aggregate	MoRT&H T-500-10	As required												
16.3	Individual Gradation of 10 mm Aggregate	MoRT&H T-500-10	As required												
16.4	Individual Gradation of Stone Dust (Fine Aggregate)	MoRT&H T-500-10	As required												
16.5	Filler (Cement)	MoRT&H T-500-10	As required												
16.6	Combined Gradation	MoRT&H T-500-10	As required												
16.7	Water absorption	IS:2386 (Part3)	1Test Each Source												
16.8	A.I.V	IS:2386 (Part4)	1test/350m ³												
16.9	Los Angeles Abrasion Value	IS:2386 (Part4)	1test/350m ³												
16.1.0	Combined FI & EI	IS:2386 (Part1)	1test/350m ³												
16.1.1	Plasticity Index	IS:2720 (Part5)	1Test Each Source												
16.1.2	Coating & Stripping Value	IS:6241	As required												
16.1.3	Maximum Specific Gravity(Gmm)	ASTM D 2041	1 set of each 400 tonnes of 2test/day/Plant												
16.1.4	Binder Content Test	IS:73													
16.1.5	Marshall Stability Test	ASTM D 1559, MS-2													
16.1.6	Core Density	MoRT&H T-900-4	1Test/700 m ²												
17.0 Bitumen Test (VG-40)		MoRT&H 5th, Section 500													
17.1	Specific Gravity	IS:1202-1978	1test/lot												
17.2	Penetration	IS:1203-1978	1test/lot												
17.3	Softening Point	IS:1205-1978	1test/lot												
17.4	Ductility	IS:1208-1978	1test/lot												
17.5	Flash & Fire Test.	IS:1209-1978	1test/lot												
18.0 Cement Treated Base (CTB)		MoRT&H 5th, Section 400													
18.1	Gradation	IS:2386 (Part1)	1 test/200 M ³												
18.2	LL / PL / PI	IS 2720 (Part5)	1 test/200 M ³												
18.3	A.I.V	IS:2386 (Part4)	1test/1000m ³												
18.4	FI & EI	IS:2386 (Part1)	1test/500m ³												
18.5	Unconfined Compressive Strength (UCS) Test	IRC:SP:89-2010	2 Set of 3/400MT/Day/Plant												
18.6	Field Density	IS:2720 (Part28)	2 test /500 M ²												

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19.0 Bitumen Test (PMB(E))		MoRT&H 5th, Section 500													
19.1	Specific Gravity	IS:1202-1978	1test/lot												
19.2	Penetration	IS:1203-1978	1test/lot												
19.3	Softening Point	IS:1205-1978	1test/lot												
19.4	Elastic Recovery	IS:15462:2004	1test/lot												
19.5	Flash & Fire Test.	IS:1209-1978	1test/lot												
20.0 Prime Coat(SS-1)		MoRT&H 5th, Section 500													
20.1	Rate of spread of Binder	MoRT&H T-500-3	3test/Day												
21.0 Tack Coat(RS-1)		MoRT&H 5th, Section 500													
21.1	Rate of spread of Binder	MoRT&H T-500-5	3test/Day												
22.0 SAMI		MoRT&H 5th, Section 500													
22.1	Rate of spread of Binder	MoRT&H T-500-43	3test/Day												
23.0 WMM		MoRT&H 5th, Section 400													
23.1	MDD / OMC	IS:2720 (Part8)	As required												
23.2	LL / PL / PI	IS:2720 (Part5)	1 test /200 m ³												
23.3	Gradation	Table 400-1 -Gr. - V	1 test /200 m ³												
23.4	Water absorption	IS:2386 (Part3)	As required												
23.5	A.I.V	IS:2386 (Part4)	1 test /1000 m ³												
23.6	Combined FI & EI	IS:2386 (Part1)	1 test /500 m ³												
23.7	Field Density	IS:2720 (Part28)	1set of 3test /1000 Sq.m												
24.0 Bituminous Concrete (BC)		MoRT&H 5th, Section 500													
24.1	Combined Gradation	MoRT&H T-500-10	As required												
24.2	A.I.V	IS:2386 (Part4)	1test/350m ³												
24.3	Combined FI & EI	IS:2386 (Part1)	1test/350m ³												
24.4	Maximum Specific Gravity(Gmm)	ASTM D 2041	1 set of each 400 tonnes of 2test/day/Plant												
24.5	Binder Content Test	IS:73													
24.6	Marshall Stability Test	ASTM D 1559, MS-2													
24.7	Core Density	MoRT&H T-900-4	1Test/700 m ²												

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**CHAPTER-11
CORRESPONDENCE**

11.1 Outward Letter

Sr. No.	Letter No.	Date	Subject	To
1.	MKCIL/ASSA M/PKG-04/001	19.04.2024	Documents Required for Detail Design.	DGM (PMU Silchar)
2.	MKCIL/ASSA M/PKG-04/003	19.07.2024	Signing Authorization for letter correspondence and submission of SPSs & IPCs for Mr. Satish Chandra Pandeya Sr. GM Tech & Operations	DGM (PMU Silchar)
3.	MKCIL/ASSA M/SPL/001	31.07.2024	Submission of Presentation for above Said Project	RO (GM)
4.	MKCIL/ASSA M/PKG-04/007	09.08.2024	Indent Through online portal of Minor Minerals for the Execution of above said project	GM (NHIDCL)
5.	MKCIL/ASSA M/PKG-04/010	21.08.2024	Indent through online portal of Monor Monerals for the execution of above Said project	GM (NHIDCL)
6.	MKCIL/ASSA M/PKG-04/015	29.08.2024	Reg. Notification for non-receipt of General Arrangement Drawing (GAD) of Road Over Bridge Under Bridges at level crossing.	GM (NHIDCL)
7.	MKCIL/ASSA M/PKG-04/017	03.09.2024	"Regarding Revised Indent through online portal of Minor Minerals for the execution of above said project."	GM (NHIDCL)
8.	MKCIL/ASSA M/PKG-04/019	04.09.2024	Regarding Drone videography survey as per Clause 13.6 of CA.	GM (NHIDCL)
9.	MKCIL/ASSA M/PKG-04/023	08.10.2024	Regarding Request to issuing Form - III for applying of Labour License.	GM (NHIDCL)
10.	MKCIL/ASSA M/PKG-04/027	14.10.2024	Start of Proposed Nilambazar/ Cheragi Bypass	"MD (Assam Mineral Development)"
11.	MKCIL/ASSA M/PKG-04/032	07-12-2024	Reg. Compliance of Conditions Precedent as per Article 4.1.3 of the Concession Agreement.	GM (NHIDCL)
12.	MKCIL/ASSA M/PKG-04/034	28.12.2024	"NonFulfilment of Land Handover and Pending Obligations by the end of Authority as per Concession Agreement clause 4.1.2.	GM (NHIDCL)
13.	MKCIL/ASSA M/PKG-04/037	15-01-2025	Regarding Damage of 11 Kv Underground Cable	GM (NHIDCL)
14.	MKCIL/ASSA M/PKG-04/040	16-01-2025	Regarding Submission of Contract Price Weightage as per Annexure - I of Schedule – G.	GM (NHIDCL)
15.	MKCIL/ASSA M/PKG-04/042	24-01-2025	Reg. Joint Inspection for Identification for extraction of Soil for Road Works.	GM (NHIDCL)
16.	MKCIL/ASSA M/PKG-04/044	24-01-2025	Notification of Force Majeure Event pursuant to provision of Clause 28.4.	GM (NHIDCL)

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17.	MKCIL/ASSA M/PKG-04/046	25-01-2025	Submission of lower TDS deduction certificate.	GM (NHIDCL)
18.	MKCIL/ASSA M/PKG-04/049	07.02.2025	Regarding submission of Typical Design and Drawing for Precast Box culvert (1x2x2).	GM (NHIDCL)
19.	MKCIL/ASSA M/PKG-04/054	12.02.2025	Notifying Religious structures (13 Nos.) Hindrances Encountered in PROW.	GM (NHIDCL)
20.	MKCIL/ASSA M/PKG-04/056	26.02.2025	Request for Permission to use Assam Mala2Route for Transporting Construction Materials.	GM (NHIDCL)
21.	MKCIL/ASSA M/PKG-04/057	26.02.2025	Request for Provisinal Appointment Date for Commencement of work.	GM (NHIDCL)
22.	MKCIL/ASSA M/PKG-04/062	05.03.2025	Appointment of Independent Engineer as per Article 21-Independent Engineer, Clause 21.1 of Concession Agreement.	GM (NHIDCL)
23.	MKCIL/ASSA M/PKG-04/063	05.03.2025	Non-Fulfilment of Land Handover & Pending Obligations by the end of Authority as per Concession Agreement clause 4.1.2 & clause 10.3.	Deputy Manager (NHIDCL)
24.	MKCIL/ASSA M/PKG-04/068	15.03.2025	Regarding Submission of Concession Agreement Volumes.	GM (NHIDCL)
25.	MKCIL/ASSA M/PKG-04/079	25.03.2025	Procurement of Earth Soil with Respect to the Referred Govt. Initiative.	GM (NHIDCL)
26.	MKCIL/ASSA M/PKG-04/081	27.03.2025	Consent for Utility Shifting work.	GM (NHIDCL)
27.	MKCIL/ASSA M/PKG-04/085	07.04.2025	Submission of lower TDS deduction certificate.	GM (NHIDCL)
28.	MKCIL/ASSA M/PKG-04/092	22.04.2025	Condition Precedent as per clause 4.1.2 & 4.1.3-reg.	GM (NHIDCL)
29.	MKCIL/ASSA M/PKG-04/095	26.04.2025	Request Letter to provide detailed statement of 3H payment disbursement status of Land Acquisition as per Land Acquisition Plan of the Project Highway with reference to Concession Agreement clause no 10.3 & 10.4 of Article 10	GM (NHIDCL)
30.	MKCIL/ASSA M/PKG-04/099	01.05.2025	Non-Fulfilment of Land Handover & Pending Obligations by the end of Authority as per ConcessionAgreement ARTICLE 4 (CONDITIONS PRECEDENT) Clause 4.1, sub clause 4.1.2 & ARITCALE 10 (RIGHT OF WAY) clause 10.3, 10.4	GM (NHIDCL)
31.	MKCIL/ASSA M/PKG-04/105	29.05.2025	Regarding Delay in tree felling work Permission by the Forest Department.	
32.	MKCIL/ASSA M/PKG-04/108	02.06.2025	Notification of Flood Fury & Extremely Heavy Torrential Rain as per Article 28 of the Concession Agreement.	GM (NHIDCL)

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33.	MKCIL/ASSA M/PKG-04/111	07.06.2025	Notification Regarding closure of Major Bridge (Known as Gammon Bridge) over Barak River as per Article 28, Force majeure of the Concession Agreement.	GM (NHIDCL)
34.	MKCIL/ASSA M/PKG-04/115	10.06.2025	Non Acceptance to Sign the joint memorandum for the declaration of the Appointed Date on Account of Pending Land Handover & Pending Authority Obligations.	GM (NHIDCL)
35.	MKCIL/ASSA M/PKG-04/121	18.06.2025	Maintenance of Existing Highway. - Reg.	GM (NHIDCL)
36.	MKCIL/ASSA M/PKG-04/125	27.06.2025	Non acceptance to sign the joint memorandum for the declaration of the Appointed Date on account of Pending land handover & pending Authority obligations.	GM (NHIDCL)
37.	MKCIL/ASSA M/PKG-04/128	30.06.2025	Consent for handling Expenditure of Independent Engineer (IE).	GM (NHIDCL)
38.	MKCIL/ASSA M/PKG-04/132	12.07.2025	Intimation of Force Majeure Event under Clause 28 of the Concession Agreement due to Indefinite Suspension of Train Services on the Lumding-Badarpur Route Following Landslides.	TI (AIPPL)
39.	MKCIL/ASSA M/PKG-04/142	19.07.2025	Unsatisfactory mobilization of Manpower, Machineries, and Plant etc.	TOYO Enterprises
40.	MKCIL/ASSA M/PKG-04/149	24.07.2025	Regarding Compliance for filling of Potholes by using cold mix.	TL (AIPPL)
41.	MKCIL/ASSA M/PKG-04/151	25.07.2025	Religious Structures (13 Nos.) Hindrances Encountered in PROW - Reminder.	GM (NHIDCL)
42.	MKCIL/ASSA M/PKG-04/152	26.07.2025	Regarding Submission of RE Block Mould Drawing.	TL (AIPPL)
43.	MKCIL/ASSA M/PKG-04/153	26.07.2025	Regarding Submission of Design & Drawing for Boundary Wall.	TL (AIPPL)
44.	MKCIL/ASSA M/PKG-04/154	26.07.2025	Regarding Submission of Design & Drawing for Friction Slab Crash Barrier.	TL (AIPPL)
45.	MKCIL/ASSA M/PKG-04/155	26.07.2025	Regarding Submission of Typical Design & Drawing for Toe Wall.	TL (AIPPL)
46.	MKCIL/ASSA M/PKG-04/158	28.07.2025	Joint Memorandum for Declaration of the Appointed Date.	GM (NHIDCL)
47.	MKCIL/ASSA M/PKG-04/162	02.08.2025	Reg. Submission of Contract Price Weightage as per Annexure-1 of Schedule - G of the Concession Agreement.	TI (AIPPL)
48.	MKCIL/ASSA M/PKG-04/163	02.08.2025	Notice for Poor mobilization of plant, machinery, and construction of camp.	TOYO Enterprises
49.	MKCIL/ASSA M/PKG-04/167	05.08.2025	Submission of Quality Assurance Plan (QAP) as per Clause 12.1 of Concession Agreement.	TL (AIPPL)

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50.	MKCIL/ASSA M/PKG-04/168	05.08.2025	Submission of Construction Methodology as per Clause 12.1 of Concession Agreement.	TL (AIPPL)
51.	MKCIL/ASSA M/PKG-04/170	06.08.2025	Regarding compliance for filling of potholes by using cold mix	TL (AIPPL)
52.	MKCIL/ASSA M/PKG-04/172	08.08.2025	Notice-2 for Poor mobilization of plant, machinery, and manpower.	TAYO
53.	MKCIL/ASSA M/PKG-04/177	13.08.2025	Regarding Design & Drawing Submission of Test Pile for ROB at Ch. 40+978.	TL (AIPPL)
54.	MKCIL/ASSA M/PKG-04/178	13.08.2025	Regarding Design & Drawing Submission of Test Pile for ROB at Ch. 53+328.	TL (AIPPL)
55.	MKCIL/ASSA M/PKG-04/180	18.08.2025	Reg. Compliance of Conditions Precedent as per Article 4.1.3 of the Concession Agreement	GM (NHIDCL)
56.	MKCIL/ASSA M/PKG-04/181	18.08.2025	Compliance of Condition Precedent as per Sub Clause (d) of Article 4.1.3 of Concession Agreement	GM (NHIDCL)
57.	MKCIL/ASSA M/PKG-04/182	18.08.2025	Compliance of Condition Precedent as per Sub Clause (d) of Article 4.1.3 of Concession Agreement	GM (NHIDCL)
58.	MKCIL/ASSA M/PKG-04/183	19.08.2025	Notification of Force Majeure Event under Article 28 of the Concession Agreement	GM (NHIDCL)
59.	MKCIL/ASSA M/PKG-04/185	20.08.2025	Notice - 3 for Poor mobilization of plant, machinery, manpower and Leasing under-capacity HM & WMM Plant	TAYO
60.	MKCIL/ASSA M/PKG-04/188	25.08.2025	Regarding Submission of Typical Design & Drawing for VUP (1x20)	TL (AIPPL)
61.	MKCIL/ASSA M/PKG-04/189	25.08.2025	Regarding Submission of Typical Design & Drawing for LVUP (1x12)	TL (AIPPL)
62.	MKCIL/ASSA M/PKG-04/191	26.08.2025	Submission profile & credential of M/S Skar concrete for Source Approval	TL (AIPPL)
63.	MKCIL/ASSA M/PKG-04/192	26.08.2025	Submission profile & credential of Dalmia Cement (Bharat) Limited for source approval of Cement.	TL (AIPPL)
64.	MKCIL/ASSA M/PKG-04/195	27.08.2025	Submission profile & credential of Shyam Steel Industries Limited for source approval of TMT Bar.	TL (AIPPL)
65.	MKCIL/ASSA M/PKG-04/196	27.08.2025	Submission profile & credential of Rashmi Metaliks Limited for source approval of TMT Bar.	TL (AIPPL)
66.	MKCIL/ASSA M/PKG-04/197	27.08.2025	Submission profile & credential of SRMB Srijan Private Limited for source approval of TMT Bar	TL (AIPPL)

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67.	MKCIL/ASSA M/PKG-04/198	27.08.2025	Submission profile & credential of Star Cement Limited for source approval of Cement	TL (AIPPL)
68.	MKCIL/ASSA M/PKG-04/199	27.08.2025	Submission profile & credential of Max Cement for source approval of Cement	TL (AIPPL)
69.	MKCIL/ASSA M/PKG-04/200	27.08.2025	Submission profile & credential of Berger Paints Limited for source approval of Admixture	TL (AIPPL)
70.	MKCIL/ASSA M/PKG-04/201	27.08.2025	Submission profile & credential of CHRYSO India Private Limited for source approval of Admixture	TL (AIPPL)
71.	MKCIL/ASSA M/PKG-04/202	27.08.2025	Submission profile & credential of CICO Technologies Limited for source approval of Admixture	TL (AIPPL)
72.	MKCIL/ASSA M/PKG-04/203	27.08.2025	Submission profile & credential of FOSROC Chemicals (India) Private Limited for source approval of Admixture	TL (AIPPL)
73.	MKCIL/ASSA M/PKG-04/204	27.08.2025	Submission profile & credential of VISTA Chemtech Pvt. Ltd. for source approval of Admixture	TL (AIPPL)
74.	MKCIL/ASSA M/PKG-04/205	27.08.2025	Submission profile & credential of Delhi Test House for source approval of Third-Party Laboratory	TL (AIPPL)
75.	MKCIL/ASSA M/PKG-04/206	27.08.2025	Submission profile & credential of Avian Test Lab Pvt. Ltd. for source approval of Third-Party Laboratory	TL (AIPPL)
76.	MKCIL/ASSA M/PKG-04/207	27.08.2025	Submission profile & credential of Shree Balaji Test House Pvt. Ltd. for source approval of Third-Party Laboratory	TL (AIPPL)
77.	MKCIL/ASSA M/PKG-04/208	27.08.2025	Submission profile & credential of Universal Test House for source approval of Third-Party Laboratory	TL (AIPPL)
78.	MKCIL/ASSA M/PKG-04/209	27.08.2025	Submission profile & credential of CTM Technical Textiles Limited for source approval of Geosynthetic Products	TL (AIPPL)
79.	MKCIL/ASSA M/PKG-04/210	27.08.2025	Submission profile & credential of Suntech Geotextile Private Limited for source approval of Geosynthetic Products	TL (AIPPL)
80.	MKCIL/ASSA M/PKG-04/211	27.08.2025	Submission profile & credential of Techfab India Industries Limited for source approval of Geosynthetic Products	TL (AIPPL)
81.	MKCIL/ASSA M/PKG-04/212	27.08.2025	Submission profile & credential of Fibretron Composites Pvt. Ltd. for source approval of GFRP Bar	TL (AIPPL)
82.	MKCIL/ASSA M/PKG-04/213	27.08.2025	Submission profile & credential of TATA Steel for source approval of GFRP Bar	TL (AIPPL)
83.	MKCIL/ASSA M/PKG-04/214	27.08.2025	Submission profile & credential of Shakambhari Ispat & Power Limited (Elegant Steel) for source approval of TMT Bar	TL (AIPPL)

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84.	MKCIL/ASSA M/PKG-04/217	28.08.2025	Submission profile & credential of SCAR Concrete for source approval of RCC Spun Pipe.	TL (AIPPL)
85.	MKCIL/ASSA M/PKG-04/220	30.08.2025	Regarding Submission of Design & Drawing for ROB at Ch. 40+981 (P1 & P2)	TL (AIPPL)
86.	MKCIL/ASSA M/PKG-04/225	03.09.2025	Submission of Workmen's Compensation (WC) Insurance Policy	GM (NHIDCL)
87.	MKCIL/ASSA M/PKG-04/226	05.09.2025	Intimation to start the Construction Work of submitted drawing with immediate effect.	TAYO
88.	MKCIL/ASSA M/PKG-04/228	06.09.2025	Regarding Submission of Pavement Design Report for approval	TL (AIPPL)
89.	MKCIL/ASSA M/PKG-04/229	06.09.2025	Regarding Design & Drawing Submission of Foundation & Sub Structure (A1) for ROB at Ch. 53+328	TL (AIPPL)
90.	MKCIL/ASSA M/PKG-04/230	06.09.2025	Regarding Design & Drawing Submission of Foundation & Sub Structure (A1 & A2) for ROB at Ch. 40+981	TL (AIPPL)
91.	MKCIL/ASSA M/PKG-04/231	06.09.2025	Notification of Force Majeure Event due to indirect Political Event	TL (AIPPL)
92.	MKCIL/ASSA M/PKG-04/236	13.09.2025	Request for In-Principle Approval of Additional Bituminous Maintenance Work of Other length of Existing Road which is not in scope of Concessionaire as per Concession Agreement.	TL (AIPPL)
93.	MKCIL/ASSA M/PKG-04/237	13.09.2025	Submission of Project Video Recording.	TL (AIPPL)
94.	MKCIL/ASSA M/PKG-04/240	15.09.2025	Regarding Source Approval of Stone quarry, River sand, & Water Source.	TL (AIPPL)
95.	MKCIL/ASSA M/PKG-04/241	15.09.2025	Notification of Force Majeure event Regarding Thunderstorm & Heavy Rain in Sribhumi (Karimganj), Assam as per Article 28 of Concession Agreement.	TL (AIPPL)
96.	MKCIL/ASSA M/PKG-04/244	17.09.2025	"Regarding Design & Drawing Submission of Foundation & Sub Structure (A2) for ROB at Ch. 53+328."	TL (AIPPL)
97.	MKCIL/ASSA M/PKG-04/245	17.09.2025	Regarding Clarification of CBR Value for Pavement Design Report.	TL (AIPPL)
98.	MKCIL/ASSA M/PKG-04/246	20.09.2025	Notice for Slow Progress of Works.	TOYO Enterprises
99.	MKCIL/ASSA M/PKG-04/247	20.09.2025	Regarding Submission of Typical Design and Drawing for Retaining Wall with Embankment.	TL (AIPPL)
100.	MKCIL/ASSA M/PKG-04/249	22.09.2025	Regarding Design & Drawing Submission of Super Structure (Highway Span A1-P1) for ROB at Ch. 53+328.	TL (AIPPL)

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101.	MKCIL/ASSA M/PKG-04/250	22.09.2025	Regarding Submission of Design & Drawing for ROB at Ch. 53+328 (P1 & P2).	TL (AIPPL)
102.	MKCIL/ASSA M/PKG-04/251	22.09.2025	Regarding Re-Submission of Design & Drawing for ROB at Ch. 40+981 (P1 & P2).	TL (AIPPL)
103.	MKCIL/ASSA M/PKG-04/253	23.09.2025	Submission of Concrete Mix Designs.	TL (AIPPL)
104.	MKCIL/ASSA M/PKG-04/254	23.09.2025	Regarding Design & Drawing Submission of Super Structure (Highway Span A1-P1 & P2-A2) for ROB at Ch. 40+981.	TL (AIPPL)
105.	MKCIL/ASSA M/PKG-04/255	23.09.2025	Regarding Submission of Plan and Profile (For Main Carriageway) for approval.	TL (AIPPL)
106.	MKCIL/ASSA M/PKG-04/258	24.09.2025	Regarding Submission of Concession Agreement Volumes.	TL (AIPPL)
107.	MKCIL/ASSA M/PKG-04/260	25.09.2025	Submission of Risk Held letter for Contractor's All Risks (CAR) Insurance Policy.	TL (AIPPL)
108.	MKCIL/ASSA M/PKG-04/261	25.09.2025	Regarding Submission of GADs for VUP (1x20) at Ch. 40+522, 52+750 & 59+983.	TL (AIPPL)
109.	MKCIL/ASSA M/PKG-04/263	26.09.2025	Providing signing authorization for signing of Payment Milestone Bills & letter correspondence for the Project	1) GM (NHIDCL)
110.	MKCIL/ASSA M/PKG-04/264	26.09.2025	"Reg. Confirmation of communication Address & official Mail ID for correspondence.	TL (AIPPL)
111.	MKCIL/ASSA M/PKG-04/266	30.09.2025	Regarding Submission of Design & Drawing for Box Underpass at Ch.39+123, 39+360, 43+430, 49+508 & 51+275.	TL (AIPPL)
112.	MKCIL/ASSA M/PKG-04/267	30.09.2025	Regarding Submission of Design & Drawing for MNB at Ch.56+998, 58+103 & 61+029.	TL (AIPPL)

11.2 Inward Letter (NHIDCL & AIPPL)

Sr. No.	Letter No.	Date	Subject	From
1.	RO-GHY/Meeting Notice/0132/15036	27.05.2024	Review Meeting under the Chairmanship of ED (P), RO-Guwahati regarding the project awarded	RO (Guwahati)
2.	RO-GHY/Meeting Notice/0132/15561	30.07.2024	Director Sir shall be reviewing the projects under implementation in the State of Assam.	RO (Guwahati)
3.	NHIDCL/RO- GHY/2021/Labour/1717 9	19.03.2025	Issuance of FORM-III for Labour License under Contract Labour (Regulation and Abolition) Central Rules, 1971. Reg.	RO (Guwahati)
4.	RO/GHY/FIN/HAM Corres/2024- 25/10/72/17829	21.06.2025	SOP for handling Expenditure of independent Engineer (IE) in case of HAM and BOT Projects Reg.	RO (Guwahati)

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5.	RO/GHY/FIN/HAM Corres/2024- 25/10/72/19530	20.09.2025	Reimbursement of 50% of IE Expenses - Reg.	RO (Guwahati)
6.	RO-GHY/Meeting Notice/0132/19534	22.09.2025	Review Meeting under the Chairmanship of Executive Director (P) at NHIDCL, RO-Guwahati on 24.09.2025 at 4:30 PM-Reg.	RO (Guwahati)
7.	AIPPL/IE/Chandkhira-Village-Churaibari/Assam/2025/2026	16.05.2025	Submission of Plan & Profile, Structural Drawing & DPR of Project.	AIPPL
8.	AIPPL/IE/Nilambazar/Cheragi Bypass/Assam/2024/1987	24.05.2025	Regarding Joining team at site and Email Id & site Office Address.	AIPPL
9.	NHIDCL/Procurement/Assam/2023-24/228965/3085	11.03.2024	Letter of Award	"NHIDCL"
10.	NHIDCL/PMU-Karimganj/SBC/Pkg-4/2024-25/55	03.09.2024	Regarding Indent through online portal of Minor Minerals for the execution of above said project	"NHIDCL"
11.	NHIDCL/PMU-Karimganj/SBC/Pkg-4/2024-25/61	05.09.2024	Regarding Indent through online portal of Minor Minerals for the execution of project.	"NHIDCL"
12.	NHIDCL/PMU-Karimganj/MKC/Safety/2024-25/93	16.10.2024	Regarding installation of Safety Signage & Pavement Marking on existing road.	"NHIDCL"
13.	NHIDCL/PMU-Karimganj/MKC/FRCC/2024-25/97	18.10.2024	Submission of DPR in respect of Govt. works and issuance of FRCC against utilization of minor minerals by the contractor.	"NHIDCL"
14.	NHIDCL/PMU-Karimganj/MKC/Land/2024-25/128	22.11.2024	Certificate of Handing Over & Taking over of allotted Land.	"NHIDCL(PMU-Karimganj)"
15.	NHIDCL/Assam/NH-37,08/Sil-Ch/Pkg-4/232665/161	08.09.2025	Declaration of Appointed data reg.	"NHIDCL(PMU-Karimganj)"
16.	NHIDCL/PMU-Karimganj/MKC/Pkg-4/2024-25/167	23.12.2024	Signed Copy of GAD of ROB under Silchar-Churaibari PKG-4	"NHIDCL(PMU-Karimganj)"
17.	NHIDCL/PMU-Karimganj/MKC/Pkg-4/2024-25/169	23.12.2024	Possession Certificate	"NHIDCL(PMU-Karimganj)"
18.	NHIDCL/PMU-Karimganj/MKC/Land/2024-25/180	10.01.2025	Intimation regarding damage of 11kv underground cable	"NHIDCL(PMU-Karimganj)"
19.	NHIDCL/PMU-Karimganj/MKC/Land/2024-25/189	18.01.2025	Maintenance of Existing Highways-reg.	"NHIDCL(PMU-Karimganj)"
20.	NHIDCL/PMU-Karimganj/DC/Pkg-4/2024-25/193	29.01.2025	Joint inspection for identification for extraction of Soil for Road works.	"NHIDCL(PMU-Karimganj)"
21.	NHIDCL/PMU-Karimganj/DC/Pkg-4/2024-25/217	24.02.2025	Issue From III under rule (Principal for obtaining Labour License).	"NHIDCL(PMU-Karimganj)"
22.	NHIDCL/PMU-Karimganj/MKC/Pkg-4/2024-25/224	04.03.2025	Joint inspection & inventory of the site	"NHIDCL(PMU-Karimganj)"
23.	NHIDCL/PMU-Karimganj/MKC/Pkg-4/2024-25/229	06.03.2025	Signed Copy of GAD of ROB under Silchar-Churaibari PKG-4	"NHIDCL(PMU-Karimganj)"
24.	NHIDCL/PMU-Karimganj/MKC/Pkg-4/2024-25/232	06.03.2025	Observation on submission of Contract Price Weightage as per Annexure-I of Schedule-G-reg.	"NHIDCL(PMU-Karimganj)"

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25.	NHIDCL/PMU-Karimganj/MKC/Pkg-4/2024-25/233	07.03.2025	Conditions Precedent	"NHIDCL(PMU-Karimganj)"
26.	NHIDCL/PMU-Karimganj/MKC/Pkg-4/2024-25/243	26.03.2025	Estimates of Utility Shifting.	"NHIDCL(PMU-Karimganj)"
27.	NHIDCL/PMU-Karimganj/DC/LA/2024-25/248	27.03.2025	Procurement of Earth/Soil under the Scheme of Amrit Sarovar	"NHIDCL(PMU-Karimganj)"
28.	NHIDCL/PMU-Karimganj/MKC/Pkg-4/2025-26/265	10.04.2025	Signed Copy of approved GAD of ROB at Design Chainage 53+328 km	"NHIDCL(PMU-Karimganj)"
29.	NHIDCL/PMU-Karimganj/MKC/Pkg-04/2025-26/268	15.04.2025	Detailed Cost Estimate of AUP at Ch. 104+450	"NHIDCL(PMU-Karimganj)"
30.	NHIDCL/PMU-Karimganj/MKC/Pkg-04/2025-26/272	16.04.2025	Conditions Precedent	"NHIDCL(PMU-Karimganj)"
31.	NHIDCL/PMU-Karimganj/MKC/Pkg-04/2025-26/287	30.04.2025	Conditions Precedent as per clause 4.1.2 and 4.1.3-reg.	"NHIDCL(PMU-Karimganj)"
32.	NHIDCL/PMU-Karimganj/MKC/Pkg-04/2025-26/318	28.05.2025	Pending Concessionaire obligations and declaration of Appointed date-reg.	"NHIDCL(PMU-Karimganj)"
33.	NHIDCL/PMU-Karimganj/MKC/Pkg-04/2025-26/334	13.06.2025	Pending Concessionaire obligations and declaration of Appointed date-reg.	"NHIDCL(PMU-Karimganj)"
34.	NHIDCL/PMU-Karimganj/MKC/Pkg-04/2025-26/338	16.06.2025	Maintenance of Existing Highways.	"NHIDCL(PMU-Karimganj)"
35.	NHIDCL/PMU-Karimganj/2025-26/362	28.06.2025	SOP for handling Expenditure of Independent Engineer (IE) in case of HAM and BOT projects-Reg.	"NHIDCL(PMU-Karimganj)"
36.	NHIDCL/PMU-Karimganj/MKC/Pkg-04/2025-26/369	12.07.2025	Pending Concessionaire obligations and declaration of Appointed date-reg.	"NHIDCL(PMU-Karimganj)"
37.	NHIDCL/PMU-Karimganj/MKC/Pkg-04/2025-26/376	25.07.2025	Pending Concessionaire obligations and declaration of Appointed Date-Reg.	"NHIDCL(PMU-Karimganj)"
38.	NHIDCL/PMU-Karimganj/DFO/2025-26/400	26.08.2025	Deposition of depot maintenance charges & compensatory afforestation estimate-reg.	"NHIDCL(PMU-Karimganj)"
39.	NHIDCL/PMU-Karimganj/IGGL/2025-26/410	01.09.2025	Regarding Joint Visit for Silchar-Churaibari Pkg- 4, 6 & 7.	"NHIDCL(PMU-Karimganj)"
40.	NHIDCL/PMU-Karimganj/2025-26/424	05.09.2025	All project related techno-contractual correspondence/queries-Reg.	"NHIDCL(PMU-Karimganj)"
41.	NHIDCL/PMU-Karimganj/MKC/Pkg-04/2025-26/428	10.09.2025	Declaration of Appointed Date-reg	"NHIDCL(PMU-Karimganj)"
42.	NHIDCL/PMU-Karimganj/MKC/Pkg-04/2025-26/437	17.09.2025	"Maintenance and repairing of existing highways-reg."	"NHIDCL(PMU-Karimganj)"
43.	NHIDCL/PMU-Karimganj/2025-26/441	22.09.2025	Review Meeting under the Chairmanship of Executive Director (P) at NHIDCL, ROGuwahati on 24.09.2025 at 4:30 PM-Reg.	"NHIDCL(PMU-Karimganj)"
44.	NHIDCL/PMU-Karimganj/MKC/Pkg-04/2025-26/442	22.09.2025	"Show Cause Notice for Maintenance and repairing of existing highways-reg. E48"	"NHIDCL(PMU-Karimganj)"
45.	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/Pkg-04/03	29.05.2025	Regarding Submission of Plan & Profile, Structural Drawing & DPR of Project.	AIPPL

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46.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/04	31.05.2025	Maintenance Obligation Prior to Appointed Date.	AIPPL
47.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/07	11.07.2025	Regarding Submission of Design & Drawings for Precast Box Culvert (1x2x2).	AIPPL
48.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/08	15.07.2025	Reg- Maintenance Obligation Prior to Appointed Date.	AIPPL
49.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/09	19.07.2025	Reg- Reminder for Filling of Potholes by using Cold Mix.	AIPPL
50.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/10	19.07.2025	Reg- Submission of Plan & Profile, Structural Drawing and DPR of project.	AIPPL
51.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/16	24.07.2025	Reg- Reminder for Filling of Potholes by using Cold Mix.	AIPPL
52.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/023	05.08.2025	Reminder Compliance for Filling of Potholes by using Cold Mix	AIPPL
53.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/025	22.08.2025	Regarding Submission of Design & Drawing for Boundary Wall	AIPPL
54.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/027	26.08.2025	Submission of Construction Methodology as per Clause 12.1 of Concession Agreement.	AIPPL
55.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/028	27.08.2025	Regarding Submission of Design & Drawing for Friction Slab Crash Barrier	AIPPL
56.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/031	29.08.2025	Regarding Design & Drawing Submission of Test Pile for ROB at Ch. 40+978	AIPPL
57.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/035	02.09.2025	Maintenance of Existing Highway.	AIPPL
58.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/036	02.09.2025	Submission of profile & credential of Delhi Test House for source approval of third party laboratory	AIPPL
59.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/037	02.09.2025	Regarding submission of profile & credential of Dalmia cement limited for source approval of cement	AIPPL
60.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/038	03.09.2025	Regarding submission of profile & credential of Star cement limited for source approval of cement	AIPPL
61.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/039	03.09.2025	Regarding submission of profile & credential of Max cement limited for source approval of cement	AIPPL
62.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/040	04.09.2025	Regarding submission of profile & credential of Shyam Steel Industries Limited for for Source approval of TMT Bar	AIPPL
63.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/048	08.09.2026	Regarding Calibration of Lab Equipment's at Main Lab.	AIPPL
64.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/049	09.09.2025	Regarding Submission of DESIGN & Drawing for ROB at Ch. 40+981 (P1 & P2)	AIPPL
65.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/054	10.09.2025	Regarding Submission of Monthly Progress Report for the Month of August 2025.	AIPPL

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66.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/055	10.09.2025	Submit the Action Plan to Complete Maintenance of Existing Highway.	AIPPL
67.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/056	11.09.2025	Regarding Calibration of Lab Equipment's at Main Lab.	AIPPL
68.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/057	11.09.2025	Regarding Tree Felling and to Maintain the Records.	AIPPL
69.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/058	12.09.2025	Providing Video Recording During Construction Period.	AIPPL
70.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/060	15.09.2025	Regarding Submission of Pavement Design Report.	AIPPL
71.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/062	19.09.2025	Accident Due to Poor Road Maintenance Near Nayaran Petrol Pump, Mokoi Bhanga.	AIPPL
72.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/063	19.09.2025	Regarding Submission profile & credential of CTM Technical Textiles Limited for source approval of Geosynthetic Products.	AIPPL
73.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/064	19.09.2025	Regarding Submission of profile & credential of Suntech Geotextile Private Limited for source approval of Geosynthetic Products.	AIPPL
74.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/065	19.09.2025	Submission profile & credential of Techfab India Industries Limited for source approval of Geosynthetic Products.	AIPPL
75.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/070	23.09.2025	Regarding Submission of Typical Design & Drawing for Retaining Wall with Embankment.	AIPPL
76.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/072	24.09.2025	"Reg. Submission of Contract Price Weightage as per Annexure – I of Schedule – G of the Concession Agreement."	AIPPL
77.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/073	24.09.2025	Observation on Submission of Concrete Mix Design Reg.	AIPPL
78.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/074	27.09.2025	Calibration of Lab Equipment- "Calibration Certificate Pending.	AIPPL
79.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/075	27.09.2025	Regarding Tree Filling and to Maintain the Records.	AIPPL
80.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/076	29.09.2025	Regarding Submission of Monthly Progress Report for the Month of September 2025.	AIPPL
81.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/078	30.09.2025	Observation Regarding Pavement Design.	AIPPL
82.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/079	30.09.2025	Regarding Submission of Plan and Profile (For Main Carriageway) for approval.	AIPPL
83.	AIPPL- AYOLEEZA/IE/NHIDCL/K arimganj/Pkg-04/080	30.09.2025	Site Visit On dated 30.09.2025.	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**

Sl no.	Date	Temperature (In °C)		Humidity (In %)		Rainfall (mm)	Weather Condition	Remarks
		Minimum	Maximum	Minimum	Maximum			
1	01-09-2025	29.1	31.2	81.0	90.0	0.0	Sunny	
2	02-09-2025	28.2	30.8	76.0	88.0	15.0	Rainy	
3	03-09-2025	28.6	30.5	78.0	86.0	58.6	Sunny/Rainy	
4	04-09-2025	29	31.2	78.0	87.0	26.0	Rainy	
5	05-09-2025	28.7	30.9	76.0	84.0	0.0	Sunny	
6	06-09-2025	28.1	30.8	79.0	88.0	78.0	Rainy	
7	07-09-2025	29	31.2	81.0	89.0	18.2	Cloudy/Rainy	
8	08-09-2025	28.8	30.9	78.0	88.0	0.0	Sunny	
9	09-09-2025	28.9	30.4	83.0	92.0	16.0	Cloudy/Rainy	
10	10-09-2025	30	30.7	82.0	90.0	15.2	Cloudy/Rainy	
11	11-09-2025	28.7	30.2	80.0	91.0	49.0	Cloudy/Rainy	
12	12-09-2025	28.2	30.0	81.0	91.0	18.2	Cloudy/Rainy	
13	13-09-2025	27.5	29.8	86.0	92.0	45.6	Cloudy/Rainy	
14	14-09-2025	27.3	29.4	81.0	92.0	59.0	Cloudy/Rainy	
15	15-09-2025	27.5	29.1	83.0	91.0	77.2	Cloudy/Rainy	
16	16-09-2025	28.1	30.2	84.0	90.0	23.0	Cloudy/Rainy	
17	17-09-2025	27.4	29.8	85.0	91.0	38.8	Cloudy/Rainy	
18	18-09-2025	27.9	29.5	83.0	90.0	22.2	Sunny/Rainy	
19	19-09-2025	28.5	30.7	87.0	92.0	0.0	Sunny	
20	20-09-2025	29.2	31.6	85.0	91.0	0.0	Sunny	
21	21-09-2025	28.8	30.2	81.0	87.0	0.0	Sunny	
22	22-09-2025	28.5	30.4	80.0	89.0	15.4	Sunny/Rainy	
23	23-09-2025	27.6	29.8	79.0	85.0	29.0	Sunny/Rainy	
24	24-09-2025	28.5	30.8	78.0	85.0	0.0	Sunny	
25	25-09-2025	29.4	31.9	77.0	86.0	0.0	Sunny	
26	26-09-2025	28.9	30.8	76.0	82.0	0.0	Sunny	
27	27-09-2025	28.1	30.2	78.0	84.0	18.0	Sunny/Rainy	
28	28-09-2025	29.1	30.8	77.0	83.0	12.6	Sunny/Rainy	
29	29-09-2025	29.2	31.9	78.0	83.0	0.0	Sunny	
30	30-09-2025	28.4	30.2	77.0	85.0	59.6	Sunny/Rainy	

Rainfall Data				
Sr.no.	Description	Total Rainfall	Up to previous month	This month
1	Rainfall	939.8	245.2	694.6

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The maximum & minimum weather records are summarized below:

TEMPERATURE/ RAINFALL PERIOD: 1st September, 2025 to 30th September, 2025				
Temperature		Rainfall		
Maximum (in °C)	Minimum (in °C)	Maximum (in mm)	Minimum (in mm)	Total Days
31.9	27.3	78	0	19

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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.

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CHAPTER-16

PROJECT PROGRESS PHOTOGRAPHS



Precast Box Segment Concrete Work



Existing Road Maintenance Work

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.



Soil Sampling at Base Camp



Calibration Of Equipment by Independent Engineer