MKC BADARPUR CHURAIBARI KAMAKHYA HIGHWAYS PRIVATE LIMITED
[Package-6]
CIN: U42101GJ2024PTC149370
Reg. Off. Add.: Shop No. 10, Shiv Nagar, Dabada Road, Anjar, Kachchh, Gujarat, India, PIN-370110
Email id: mkcbckhprivatelimited@gmail.com **Contact No.:** +91-2836-245730

Ref No. MKCIL/ASSAM/PKG-06/355 **Date: 05.07.2025**

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

Subject: **"**Four laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to Km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km) – **"Submission of Monthly Progress Report for the month of June-2025."**

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

Dear Sir,

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

Assuring you of our best services at all times.

Thanking you,
Your sincerely,

MKC BADARPUR CHURAIBARI KAMAKHYA HIGHWAYS PRIVATE LIMITED ANJAR

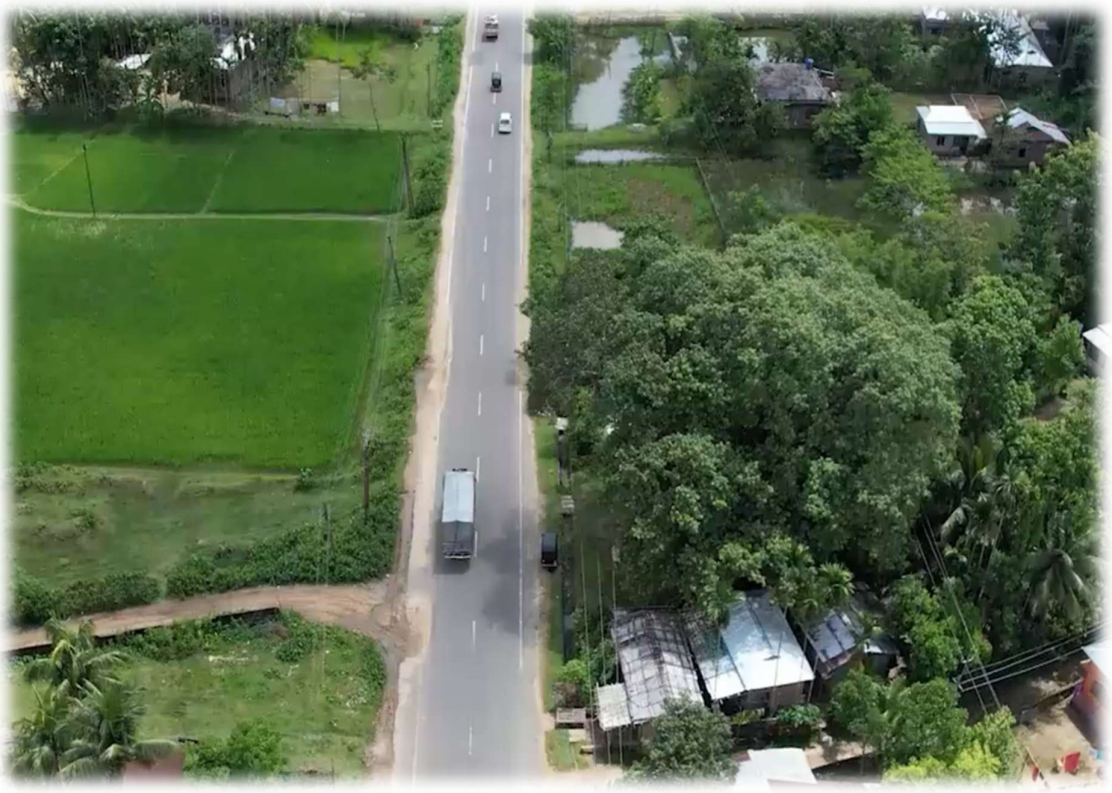
Project Manager
MKC Badarpur Churaibari Kamakhya Highways Private Limited

Encl.: As above.

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

Monthly Progress Report

June-2025



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

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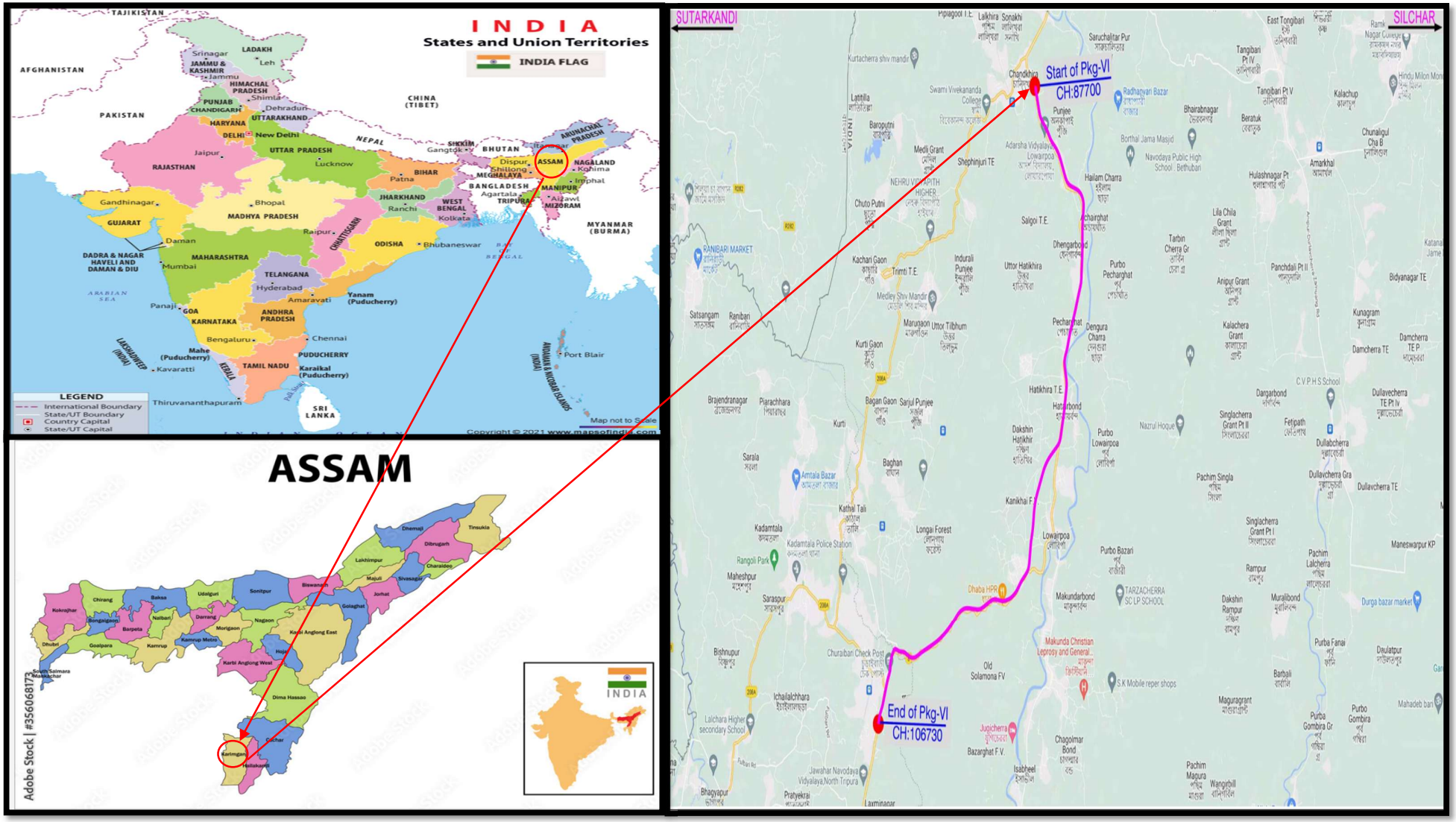
PROJECT ROAD LOCATION MAP / INDEX MAP



EXECUTIVE SUMMARY

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

1. **The Project Road:**
   Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)
2. **Mobilization:**
   The Concessionaire has mobilized the required Engineers/ Staff Personnel, Machineries/Equipment's, Plants and established main Base Camp at CH: - 88+700 RHS (Chandkhira).

   The details of Key staff personnel deployed are highlighted in the Chapter-6 of this report. The details of deployed Plants and Machineries are included in Chapter-7 of this report.
3. **Pre-Construction Activity:**

   The Details of pre-construction activities have been included in Chapter-5 of this report.
4. **EPC Contractor:**

   MKC Infrastructure Limited
5. **Status of Project Works Progress:**

   The Details of project highway works have been included in Chapter-09 of this report.
6. **Design and Drawing**

The status of approval of Working Drawings for road works and structures submitted to Authority as on dated 30-04-2025 is given below.

Sr. No.	Description	UoM	Scope	Submitted	Approved	Balance	Remarks
1.	Plan & Profile (MCW)	Km.	18.800	18.800	18.800	0.00	
2.	Plan & Profile (SR)	Km.	10.440	10.440	10.440	0.00	
3.	RE Wall	SqM.	52300.00	0.00	0.00	52300	
4.	Minor Bridge	Nos.	24.00	16.00	16.00	8.00	
5.	Underpass	Nos.	6.00	6.00	04.00	2.00	
6.	Box-Culvert	Nos.	38.00	32.00	32.00	6.00	
7.	HPC	Nos.	10.00	06.00	06.00	4.00	

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

7. Work Program:

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

8. Quality Control and Material:

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

9. Supervision and Monitoring of Project works:

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

10. Site Visit and Meeting:

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

11. Schedule Completion Date:

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

12. Operation and Maintenance (O&M):

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

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

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

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

Stretches/ Encumbrances Free Land				Encumbrances/ Hindered Land		
Sr. No.	**Side**	**Length (Km)**	**%**	**Side**	**Length (Km)**	**%**
1.	BHS	12.31	65.00%	BHS	6.49	35.00%

b) Hindered due to Tree Cutting:

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

c) Encumbrances due to Religious structures etc.:

Sr. No.	Types	Chainage	Side	Remarks
1.	Grave	87+800	RHS	
2.	Small Temple without Shed	88+480	LHS	
3.	Bhagwati Temple	89+750	LHS	
4.	Vishwakarma Temple	90+390	LHS	
5.	Temple Building	92+360	LHS	
6.	Temple	92+780	LHS	
7.	Shiv & Kali Temple	94+200	RHS	
8.	Small Temple Structure	94+300	RHS	
9.	Temple	94+700	RHS	
10.	Temple	94+760	LHS	
11.	Sai Temple	95+280	RHS	
12.	Jama Masjid	95+650	RHS	
13.	Temple	95+750	RHS	
14.	Bishnu Temple	100+800	LHS	
15.	Old Temple Shed & Pipal Tree	102+610	RHS	
16.	Shiv Temple Shed	104+400	LHS	
17.	Temple Building	105+800	RHS	
18.	Shiv Temple	106+390	LHS	

d) Details of Hindered Land:

DETAILS OF ENCUMBRANCES WITHIN ROW											
Sr. No	Chainage		Side	Length(mtr)	Remark		Chainage		Side	Length(mtr)	Remark
	From	To					From	To			
1	87+700	87+750	LHS	0.050	Structure		88+000	88+040	RHS	0.040	Structure
2	88+010	88+100	LHS	0.090	Structure		88+700	88+730	RHS	0.030	Structure
3	88+530	88+570	LHS	0.040	Structure		88+910	88+970	RHS	0.060	Structure
4	88+960	88+980	LHS	0.020	Structure		89+220	89+230	RHS	0.010	Structure
5	89+390	89+530	LHS	0.140	Structure		89+330	89+390	RHS	0.060	Structure
6	89+700	89+830	LHS	0.130	Structure		90+100	90+270	RHS	0.170	Structure
7	89+870	89+900	LHS	0.030	Structure		90+500	90+600	RHS	0.100	Structure
8	90+030	90+060	LHS	0.030	Structure		91+100	91+200	RHS	0.100	Structure
9	90+080	90+100	LHS	0.020	Structure		91+300	91+340	RHS	0.040	Structure
10	90+130	90+180	LHS	0.050	Structure		91+700	91+800	RHS	0.100	Structure
11	90+200	90+430	LHS	0.230	Structure		92+290	92+320	RHS	0.030	Structure
12	90+800	90+900	LHS	0.100	Structure		92+430	92+450	RHS	0.020	Structure
13	91+100	91+200	LHS	0.100	Structure		92+580	92+640	RHS	0.060	Structure
14	91+530	91+630	LHS	0.100	Structure		92+780	92+800	RHS	0.020	Structure
15	91+700	91+920	LHS	0.220	Structure		92+830	92+860	RHS	0.030	Structure
16	92+370	92+400	LHS	0.030	Structure		92+900	93+000	RHS	0.100	Structure
17	93+500	93+530	LHS	0.030	Structure		93+430	93+460	RHS	0.030	Structure
18	93+740	93+760	LHS	0.020	Structure		93+950	94+000	RHS	0.050	Structure
19	94+200	94+400	LHS	0.200	Structure		94+200	94+300	RHS	0.100	Structure
20	94+480	94+500	LHS	0.020	Structure		94+440	94+470	RHS	0.030	Structure
21	94+590	94+630	LHS	0.040	Structure		94+540	94+560	RHS	0.020	Structure
22	94+630	94+700	LHS	0.070	Structure		94+620	94+640	RHS	0.020	Structure
23	95+250	95+350	LHS	0.100	Structure		94+660	94+680	RHS	0.020	Structure
24	95+480	95+500	LHS	0.020	Structure		94+730	94+750	RHS	0.020	Structure
25	95+600	95+795	LHS	0.195	Structure		95+100	95+200	RHS	0.100	Structure
26	100+700	100+850	LHS	0.150	Structure		95+530	95+560	RHS	0.030	Structure
27	100+950	101+050	LHS	0.100	Structure		95+650	95+680	RHS	0.030	Structure
28	101+230	101+350	LHS	0.120	Structure		95+700	95+850	RHS	0.150	Structure
29	101+920	102+000	LHS	0.080	Structure		100+430	100+450	RHS	0.020	Structure
30	102+208	106+500	RHS	4.292	Structure		100+500	100+600	RHS	0.100	Structure
							100+720	100+800	RHS	0.080	Structure
							100+950	101+050	RHS	0.100	Structure
							102+208	106+500	RHS	4.292	Structure
Total Hindered Length				**6.817**	**LHS**					**6.162**	**RHS**
Total Length BHS in RMT				**12.979**							

14. Current Issues:-

a) Non-availability of land:- As per the Concession Agreement, 100% of the land is to be handed over to the Concessionaire within 90 days from the Appointed Date. However, only approximately 65% of the land is currently free from encumbrances.

b) Schedule-G :-The approval of Schedule-G remains pending as of now on the end of IE/Authority.

c) Supply of material:- The supply of materials is also being hampered due to disruption of road connectivity from Kalain to Badarpur (Gammon Bridge) and Kalain to Silichar.

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

CHAPTER-1

INTRODUCTION

General

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

Project Overview

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

CHAPTER-2

CONTRACT DATA

Sr. No.	Items	Description
1.	**Name of Project**	Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km).
2.	**Project Length**	18.80 km
3.	**Project Bid Cost**	449.89 Cr.
4.	**Authority**	National Highways & Infrastructure Development Corporation Limited
5.	**Independent Engineer**	M/s Agnitio Infrastructure Projects Pvt. Ltd. in JV with M/s Ayoleeza Consultants Pvt. Ltd.
6.	**Concessionaire**	MKC Badarpur Churaibari Kamakhya Highways Private limited
7.	**Design Consultant**	Geo Designs & Research Pvt. Ltd.
8.	**DPR Consultant**	Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.
9.	**LOA No. & Date**	NHIDCL/Procurement/Assam/2023-24/228965/3086 dated 11.03.2024
10.	**Date of Concession Agreement**	May 31, 2024
11.	**Appointed Date**	March 7, 2025
12.	**Construction Period**	730 days (from Appointed Date) [24-Months]
13.	**Schedule Completion Date**	March 7, 2027
14.	**O&M Period**	15 Years from the date of COD

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

CHAPTER -3

SALIENT FEATURES OF PROJECT HIGHWAY

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

Section	Design Chainage		Stretch in Km.				
	From	To		Sub-Grade	R-GSB	R-WMM	DBM	BC
MCW	87+700	106+500	18.800	500.00	205.00	185.00	50.00	30.00
				Sub-Grade	R-GSB	R-WMM	BC	
Service Road				500.00	200.00	150.00	30.00	

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

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

CHAPTER -4

SCOPE OF THE WORKS AND PROJECT FACILITIES

4.1 Scope of Works

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

- Reconstruction of existing 2 lane carriageway to 4 lane divided carriageway including strengthening existing carriageway by providing bituminous overlays in accordance with the Specifications and Standards.
- Construction of 24- Minor Bridge, 6- Underpasses, 100- Culverts.
- Construction of Slip Road of 10.440 Km (L)

4.2 Project Facilities

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

a) Toll Plaza
b) Roadside Furniture
  i. Kilometer and Hectometer Stones
  ii. Traffic Signs
  iii. Overhead Sign
  iv. Road Marking
  v. Road Delineators
  vi. Reflective Pavement Markers & Solar Studs
  vii. Traffic Impact Attenuators
  viii. Boundary wall and Fencing
c) Operation and Maintenance centres
d) Way side Amenities/ Service Areas
e) Truck Lay-byes
f) Bus Bay and Bus Shelter
g) Pedestrain 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

CHAPTER -5

PRE-CONSTRUCTION ACTIVITIES

5.1 Obligations

Obligations of Authority-

Sr. No.	Clause No.	Obligation	Status	Remark/ Reference
1	Clause 4.1.2	Condition Precedent	Not done	MKCIL/ASSAM/PKG-06/342
2	Article 11	Utilities, Associated Roads and Trees	In-progress	
3	Clause 18.1.2	Safety Consultant	Not done	
4	Article 21	Appointment of Independent Engineer	Appointed	Paritally Mobilized
5	Clause 10.3	Joint Memorandum	Done	07.03.2025

Obligations of Concessionaire-

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

5.2 Shifting of Utilities

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

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

5.3 Tree Cutting

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

Sr. No.	Description	Total	Remarks
1.	Total Number of Trees	691.00	
2.	Total Felling of Trees	268.00	
3.	Balance Trees	423.00	

5.4 Land Acquition

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

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

HINDRANCE LIST – CHAINAGE WISE DETAILS

DETAILS OF ENCUMBRANCES WITHIN ROW											
Sr. No	Chainage		Side	Length(mtr)	Remark		Chainage		Side	Length(mtr)	Remark
	From	To					From	To			
1	87+700	87+750	LHS	0.050	Structure		88+000	88+040	RHS	0.040	Structure
2	88+010	88+100	LHS	0.090	Structure		88+700	88+730	RHS	0.030	Structure
3	88+530	88+570	LHS	0.040	Structure		88+910	88+970	RHS	0.060	Structure
4	88+960	88+980	LHS	0.020	Structure		89+220	89+230	RHS	0.010	Structure
5	89+390	89+530	LHS	0.140	Structure		89+330	89+390	RHS	0.060	Structure
6	89+700	89+830	LHS	0.130	Structure		90+100	90+270	RHS	0.170	Structure
7	89+870	89+900	LHS	0.030	Structure		90+500	90+600	RHS	0.100	Structure
8	90+030	90+060	LHS	0.030	Structure		91+100	91+200	RHS	0.100	Structure
9	90+080	90+100	LHS	0.020	Structure		91+300	91+340	RHS	0.040	Structure
10	90+130	90+180	LHS	0.050	Structure		91+700	91+800	RHS	0.100	Structure
11	90+200	90+430	LHS	0.230	Structure		92+290	92+320	RHS	0.030	Structure
12	90+800	90+900	LHS	0.100	Structure		92+430	92+450	RHS	0.020	Structure
13	91+100	91+200	LHS	0.100	Structure		92+580	92+640	RHS	0.060	Structure
14	91+530	91+630	LHS	0.100	Structure		92+780	92+800	RHS	0.020	Structure
15	91+700	91+920	LHS	0.220	Structure		92+830	92+860	RHS	0.030	Structure
16	92+370	92+400	LHS	0.030	Structure		92+900	93+000	RHS	0.100	Structure
17	93+500	93+530	LHS	0.030	Structure		93+430	93+460	RHS	0.030	Structure
18	93+740	93+760	LHS	0.020	Structure		93+950	94+000	RHS	0.050	Structure
19	94+200	94+400	LHS	0.200	Structure		94+200	94+300	RHS	0.100	Structure
20	94+480	94+500	LHS	0.020	Structure		94+440	94+470	RHS	0.030	Structure
21	94+590	94+630	LHS	0.040	Structure		94+540	94+560	RHS	0.020	Structure
22	94+630	94+700	LHS	0.070	Structure		94+620	94+640	RHS	0.020	Structure
23	95+250	95+350	LHS	0.100	Structure		94+660	94+680	RHS	0.020	Structure
24	95+480	95+500	LHS	0.020	Structure		94+730	94+750	RHS	0.020	Structure
25	95+600	95+795	LHS	0.195	Structure		95+100	95+200	RHS	0.100	Structure
26	100+700	100+850	LHS	0.150	Structure		95+530	95+560	RHS	0.030	Structure
27	100+950	101+050	LHS	0.100	Structure		95+650	95+680	RHS	0.030	Structure
28	101+230	101+350	LHS	0.120	Structure		95+700	95+850	RHS	0.150	Structure
29	101+920	102+000	LHS	0.080	Structure		100+430	100+450	RHS	0.020	Structure
30	102+208	106+500	RHS	4.292	Structure		100+500	100+600	RHS	0.100	Structure
							100+720	100+800	RHS	0.080	Structure
							100+950	101+050	RHS	0.100	Structure
							102+208	106+500	RHS	4.292	Structure
Total Hindered Length				**6.817**	**LHS**					**6.162**	**RHS**
Total Length BHS in RMT				**12.979**							

CHAPTER -6

MOBILIZATION

6.1 Manpower Mobilization of Concessionaire

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

26	Mr. Satyendra Kumar Shah	Sr. Engineer	Structure	
27	Mr. Nilesh Kumar	Junior Engineer	Structure	
28	Mr. Barun Dubey	Junior Engineer	Structure	
29	Mr. Sumit Kumar	Asst. Engineer	Structure	
30	Mr. Jagdish Pandey	Asst. Manager	Billing	
31	Mr. Abhay Kr. Singh	Sr. Engineer- Q. S.	Billing	
32	Mr. Rajesh Gantayata	Assistant Engineer	Billing	
33	Mr. Abhinab Kishore	Engineer	Billing	
34	Mr. Tarun Kumar	G.E.T. (Q.S.)	Planning & Billing	
35	Mr. Bikash Chandra Sahu	Sr. Executive - IT	IT	
36	Mr. Anish Pati Tiwari	Asst. Manager	Store	
37	Mr. Santosh Kumar Jena	Manager	Store	
38	Mr. Santosh Kumar Yadav	Sr. Executive	Store	
39	Mr. Deepak Purty	Sr. Executive	Store	
40	Mr. Ananal Kumar	Executive	Store	
41	Mr. Anand Purty	Executive	Store	
42	Mr. Govind Ram Nagar	Officer	Store	
43	Mr. Rahul Mandal	Jr. Executive	Store	
44	Mr. Devesh Chaubey	Supervisor	Store	
45	Mr. Vikas Kumar Ojha	Supervisor	Store	
46	Mr. Shailesh Kumar Singh	Supervisor	Store	
47	Mr. Bhaskar Ganguly	Manager	Mechanical	
48	Mr. Rajiv Ranjan	Engineer	Mechanical	
49	Mr. Riyazudin	Engineer	Mechanical	
50	Mr. Sahajan Alom Choudhury	Executive	Mechanical	
51	Mr. Aman Kumar	Executive	Mechanical	
52	Mr. Aman Chaurasiya	Executive	Mechanical	
53	Mr. Shiv Kr. Pareek	Executive - Accounts	F & A	
54	Mr. Sandeep Kumar	Sr. Executive	Safety	

6.2 Manpower Mobilization of Independent Engineer

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

CHAPTER-7

DEPLOYMENT OF PLANTS AND EQUIPMENT / PROJECT SET UP PLAN

7.1 Plants and Equipment Deployed:-

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

CHAPTER-8

DESIGN AND DRAWING

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

8.1 Design

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

8.2 Drawings

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

8.3 Status of Approval of Drawings

The status of drawing submission and approval of GAD for road and structure works as on May 31, 2025, is enclosed in this chapter of the report.

Road Works

S N	Description	Unit	Total	Submitted	Approval	Review Balance	Remarks
1.	Plan & Profile MCW	Km	18.800	18.800	18.800		
2.	Plan & Profile SR	Km	10.440	10.440	10.440		
3.	Typical Cross Section	Nos	1.00	1.00	0.00		
4.	Pavement Design Report	Nos	1.00	1.00	1.00		
5.	RE Wall	Nos	52300.00	-	-	-	
7.	Minor Junction	Nos	24.00		-	-	
8.	Signage Plan	Nos	1.00	-	-	-	
9.	Rest Area	Nos	1.00	-	-	-	

Structure Works;-

Description	Total Nos	Submitted	Approved	Remarks
LVUP	4	4	4	
VUP	2	2	0	Approval is pending by the end of IE/ Authority
MNB	24	16	16	
Box Culverts	38	32	32	
Pipe Culvert	10	6	6	

CHAPTER-9

PROJECT WORK PROGRESS

9.1 Work Progress:

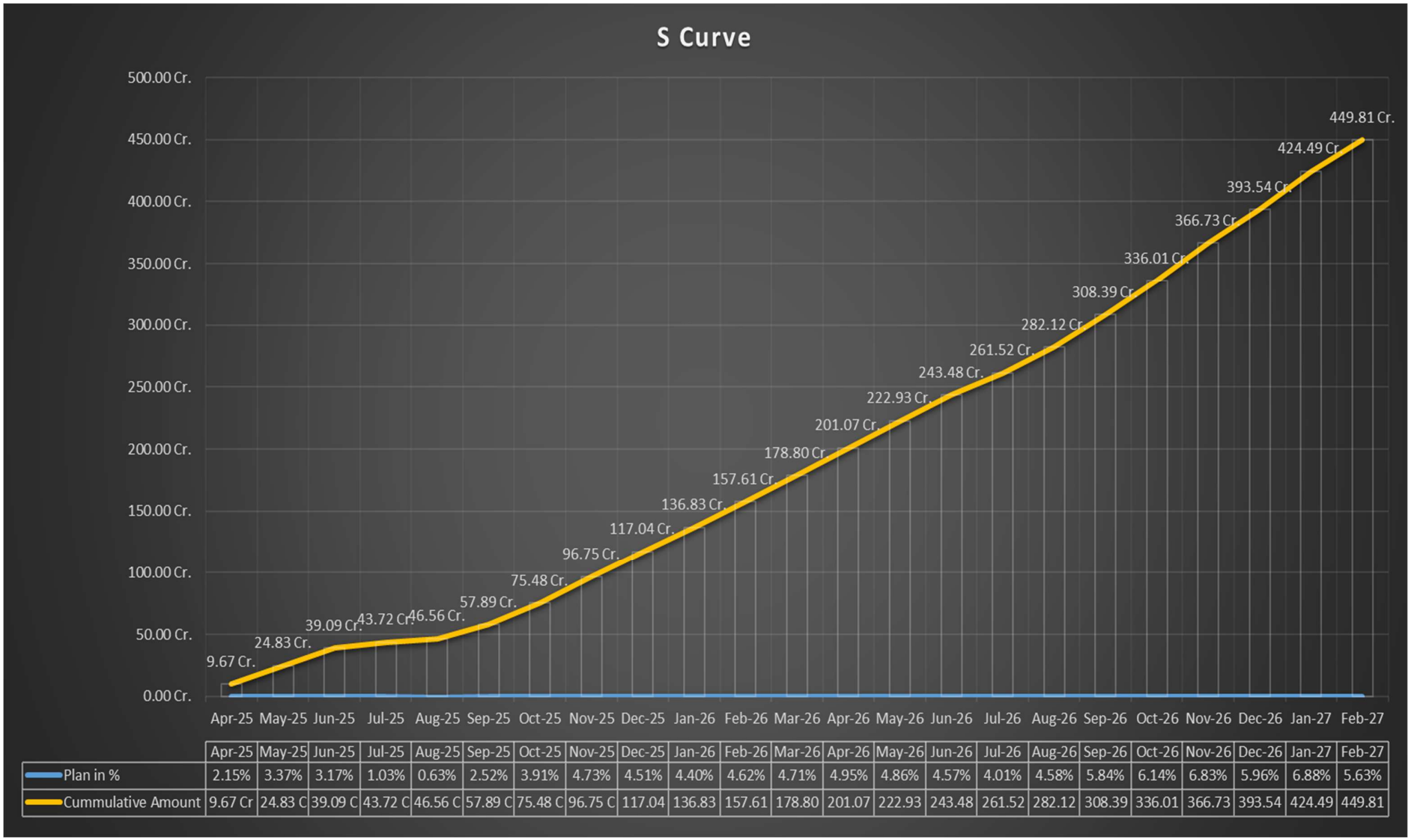
Progress as per Schedule G for the month June-2025.

Project Name: -	**4-Lane of NH-8 from Design Ch. 87.700 near Chandkhira Village to Design Ch. 106.500 near Churaibari Village (Assam/Tripura Border) on Silchar-Churaibari Pkg-6 in the state of Assam (Package-VI)**
Authority Engineer	**National Highways & Infrastructure Development Corporation Limited**
Independent Engineer	**M/s Agnitio Infrastructure Projects Pvt. Ltd. in JV with M/s Ayoleeza Consultants Pvt. Ltd.**
Concessionaire Name	**MKC Badarapur Churaibari Kamakhya Highways Private Limited**

Schedule-G

Item	Stage for measurement of Physical Progress	Unit	Qty.	Weightage in percantage to the contract price	Physical Progress upto this Month	% of Physical Progress upto this month	Value of Physical Progress upto this month
	B-New 4 Lane Realignment/Bypass						
Road works including culverts, minor Bridges, underpasses, overpasses, approaches to ROB/RUB/Major Bridges/Strtcures (But excluding service road)	**(1) Earthwork upto top of Sub-grade**	L-Km	36.86	22.17%	4.66	12.64%	2.80%
	(2) Granular work (Sub-base, base,shoulder)						
	(a) GSB	L-Km	36.86	8.25%			
	(b) WMM	L-Km	36.86	6.37%			
	(3) Shoulders	L-Km	36.86	0.12%			
	(4) Bituminous Work						
	(a) DBM	L-Km	36.86	4.28%			
	(b) BC	L-Km	37.60	2.85%			
	Sub Total-B						
	C- New Culverts, Minor Bridges, underpasses, overpasses on existing road, realignment, bypasses:						
	1) Culverts (Precast)						
	a) On Casting (40%)	No.	48.00	2.11%	10.00	20.83%	0.44%
	b) On Erection (60%)	No.	48.00	3.17%	3.00	6.25%	0.20%
	2) Minor Bridge						
	a) Foundation	No.	48.00	9.38%	3.00	6.25%	0.59%
	b) Sub-Structure	No.	48.00	3.51%	3.00	6.25%	0.22%
	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.	12.00	3.64%			
	c-ii) Slab - after Completion of Slab (60%)	No.	48.00	5.46%			
	5) Grade Separated Structures						
	a) Underpasses						
	i) Foundation	No.	12.00	3.26%	3.00	25.00%	0.82%
	ii) Sub-Structure	No.	12.00	1.45%	3.00	25.00%	0.36%
	iii) Super-Structure (including Crash Barrier,Wearing coat etc. Complete) **If pre-cast girders/ segments are used, 40% of the weightage of the stage in percentage to the bid project cost is assigned to the casting of such precast girders/ segments.**						
	iii-a) Precast Girder - On Casting (40%)	No.	4.00	0.80%			
	iii-b) Slab - after Completion of Slab (60%)	No.	12.00	1.19%			
Structures (Elevated Section, Reinforced earth)	**4) Reinforced Earth Wall (includes Approaches of ROB,Underpasses, Over passes, Flyover etc.) If RE-wall is used with facia panels/blocks, 5% of weightage of the stage in percentage to bid project cost is assigned to the casting of such facia panels/blocks for one complete approach.**						
	i) Re-Wall using Panel/Blocks Casting (5%)	Sq.m	52,300.00	0.08%	1,270.00	2.43%	0.00%
	ii) Re-Wall using Panel/Blocks Erection (95%)	Sq.m	52,300.00	1.46%			
Electrical and Public Health Utilities	**UTILITY SHIFTING**						
	EHT Crossing	No.	8.00	1.57%			
	HT/LT lines (including Transformers if any)	Km	18.80	0.10%	5.00	26.60%	0.03%
	HT/LT crossings	No.	67.00	0.68%	34.00	50.75%	0.35%
	Water pipeline	L-Km	26.98	0.53%	17.00	63.01%	0.34%
	Water pipeline crossings	No.	23.00	0.35%			
	MISSCELANEOUS WORKS						
Other Works	**i) - Service Road / Slip Road**	L-Km	20.90	3.64%			
	iii) Road Side Drains	L-Km	20.90	3.95%			
	iv) - Road signs,markings, Km Stone, Safety devices						
	(a) Road signs,markings, Km Stone	L-Km	37.60	0.55%			
	(b) Concrete Crash Barrier/W Beam Crash Barrier in Road work	L-Km	27.73	2.29%			
	v) - Project Facilities						
	(a) Bus Stop	No.	12.00	0.03%			
	(b) Rest Area	No.	1.00	0.61%			
	(c) Rain Water Harvesting	No.	38.00	0.14%			
	viii) - Protection Work						
	(a) Boulder Pitching/Geo Cell laying for Slopes Protection work	L-Km	13.30	0.51%			
	(b) Toe Wall / Retaining Wall	L-Km	2.56	2.72%			
	x)Miscellaneous						
	(a) Street Lightning	No.	1,672.00	0.56%			
	(b)ATMS, HTMS, Traffic Aid Posts, Medical aid Posts, Vehicle Recue Posts, Telecom System	L-Km	37.60	0.47%			
	(c) Boundary Wall (40% on Casting)	L-Km	37.51	0.57%			
	(c) Boundary Wall (60% on Erection)	L-Km	37.51	0.86%			
	(d) Junction	No.	24.00	0.31%			
	Sub Total-G >>>						
	Grand Total >>>			**100.00%**			**6.14%**

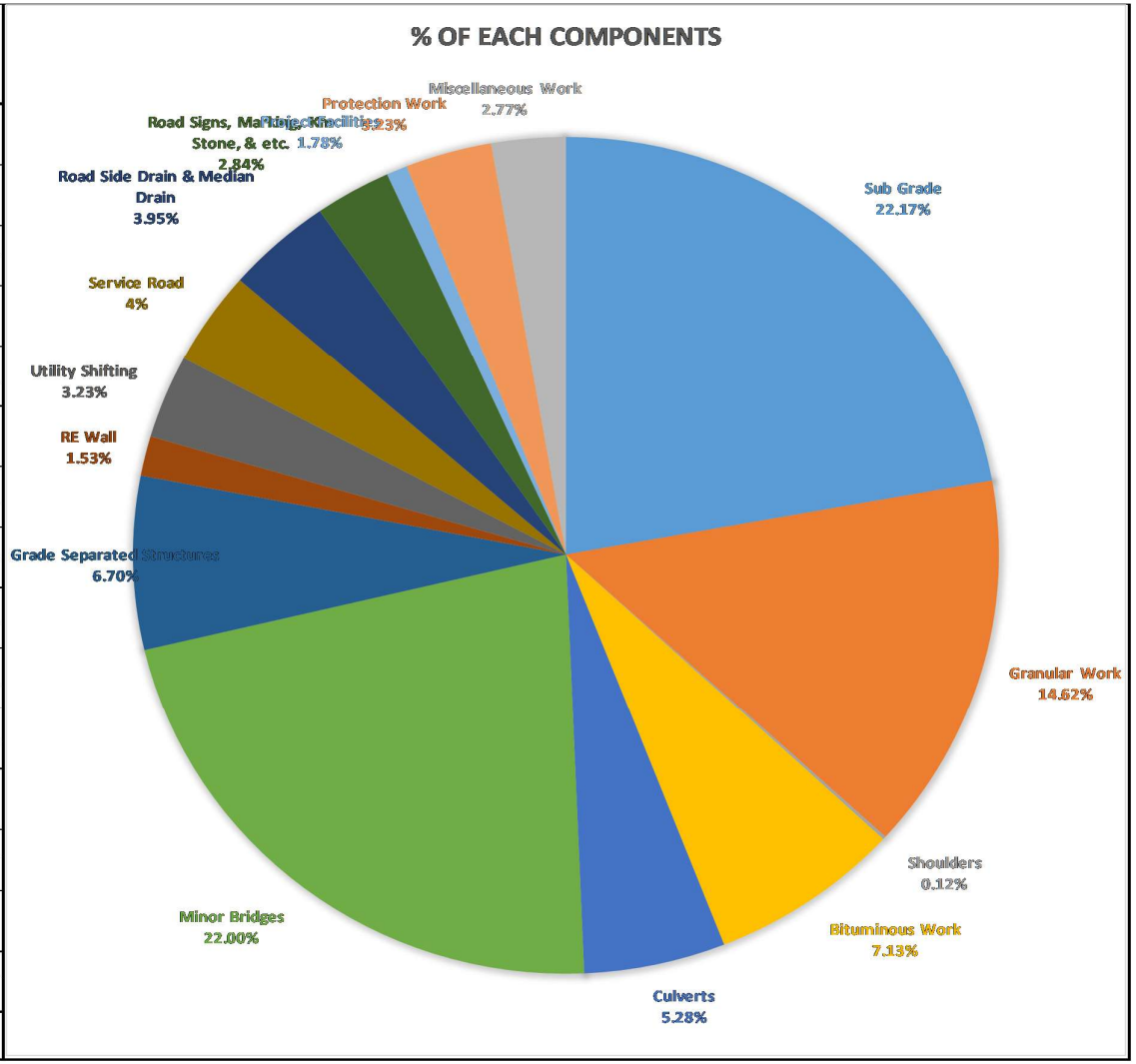
9.2 S Curve



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

9.3 Weightages

Work Description	% of Each sub components	Amount (Cr.)
Sub Grade	22.17%	99,73,28,251.55
Granular Work	14.62%	65,75,47,851.01
Shoulders	0.12%	54,56,195.79
Bituminous Work	7.13%	32,08,57,036.25
Culverts	5.28%	23,76,67,252.22
Minor Bridges	22.00%	98,94,43,994.48
Grade Separated Structures	6.70%	30,12,53,148.34
RE Wall	1.53%	6,88,97,977.49
Utility Shifting	3.23%	14,54,92,587.96
Service Road	3.64%	16,35,58,683.02
Road Side Drain & Median Drain	3.95%	17,78,14,714.76
Road Signs, Marking, Km Stone, & etc.	2.84%	12,79,70,787.78
Project Facilities	0.78%	3,49,85,417.17
Protection Work	3.23%	14,52,41,473.81
Miscellaneous Work	2.77%	12,45,84,628.37
Total	**100.00%**	**4,49,81,00,000.00**



9.4 Highway Progress :

Sr. No	Description	Unit	Scope	Physical Progress	Physical Progress in %
1.	C&G	L-Km	36.86	12.00	32.56%
2.	Embankment Work	L-Km	36.86	4.80	13.02%
3.	Earthwork up to top of Sub-grade	L-Km	36.86	4.66	12.64%
4.	RE Wall using Panel/Blocks Casting	Sqm.	52300	1270	2.42%
5.	RE Wall using Panel/Blocks Erection	Sqm.	52300		

9.5 Detailed Structure Work Progress

9.5.1 Status of Hume Pipe Culvert

Sr. No	Description	Unit	Scope	Physical Progress	Physical Progress in %
1.	Hume Pipe Culvert	No.	10	0.00	

9.5.2 Status of Box Culvert

Sr. No	Description	Unit	Scope	Physical Progress	Physical Progress in %
1.	Box Culvert on Casting (40%)	No.	38	10	26.32%
2.	Box Culvert on Erection (60%)	No.	38	3	7.89%

9.5.3 Status of Minor Bridge

Sr. No	Description	Unit	Scope	Physical Progress	Physical Progress in %
1.	Foundation	No.	48	3	6.25%
2.	Sub-Structure	No.	48	3	6.25%

9.5.4 Status of Under Pass

Sr. No	Description	Unit	Scope	Physical Progress	Physical Progress in %
1.	Foundation	No.	12	3	25%
2.	Sub-Structure	No.	12	3	25%

CHAPTER-10

QUALITY CONTROL AND MATERIAL

10.1 Quality Control

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

10.2 Site Laboratory

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

10.3 Materials Testing & Third Party Test

The testing to be carried out in the site laboratory includes tests of soil, aggregates, cement, steel, sand, embankment fill, sub grade, granular subbase and cement concrete. The details of test conducted up to 30 June, 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.

10.3.2 Cement

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

10.3.3 Reinforcement Steel

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

10.3.4 Status of maerials source approval & Mix Design

Mix Design				
Sr. No.	**Grade**	**Letter No.**	**Status**	**IE Letter No.**
1.	PCC (M-10, M-15 M-20) RCC (M-20, M-25, M-30, M-35, M-35 Pile, M-40, M-45 (RCC & PSC) M-35 RE Block. (Cement- Dalmia cement)	MKCIL/ASSAM/PKG-06/188 dt. 09.04.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/38
	PCC (M-10, M-15 M-20) RCC (M-20, M-25, M-30, M-35, M-35 Pile, M-40, M-45 (RCC & PSC) M-35 RE Block. (Cement- Star cement)	MKCIL/ASSAM/PKG-06/188 dt. 09.04.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/39

Cement

Sr. No.	Brand Name	Letter No.	Status	IE Letter No.
1.	Black Tiger Cement	MKCIL/ASSAM/PKG-06/148 dt. 22.03.2025		
2.	Dalmia Cement	MKCIL/ASSAM/PKG-06/149 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/11
3.	Max Cement	MKCIL/ASSAM/PKG-06/150 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/26
4.	Star Cement	MKCIL/ASSAM/PKG-06/151 dt. 22.03.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/12
5.	Amrit Cement	MKCIL/ASSAM/PKG-06/157 dt. 24.03.2025		

Reinforcement Steel

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

Admixture

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

GFRP Bar

Sr. No.	Brand Name	Letter No.	Status	IE letter no.
(a)	Tata steel	MKCIL/ASSAM/PKG-06/272 dt. 31.05.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/58

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

Monthly Laboratory Report

Name of the project	: Four Laning of Badarpur- Churaibari Section of NH-37 & NH-8 From Desing Chaiage 87.700 (Chandkhira) to km. 106.500 (Churaibari Assam-Tripura Border) in the state of Assam (package-VI)
Client	: National Highways & Infrastructure Development Corporation Limited
Authority Engineer	: Agnitio Infrastructure Projects Private Limited(AIPPL)
Contractor	: MKC Infrastructure Limited
Concessionaire	: MKC Badarpur Churaibari Kamakhya Highways Private Limited
Section(km)	: Km. 87+700 to 106+500

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

Sr.No.	Name of test	Reference as per IS/ MoRT&H	Frequency of Tests	Total Tests Conducted upto Previous Month			No. of Tsts Conducted during this Month			No. of Tests Conducted upto this Month			No. of Tests cCecked by IE			% Checked by IE	Remarks
				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed		
LAB o																	
(I). OGL Samples		***IRC :36-2010***															
1.1	Free Swelling Index (FSI)	IS : 2720 (P-40)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.2	Grain size analysis	IS : 2720 (P-4)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.3	Liquid limits (LL)	IS : 2720 (P-5)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.4	Plasticity Index (PI)	IS : 2720 (P-5)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
1.7	Field Compaction Test (OGL)	IS : 2720 (P-28)	1 Set / 3000 Sqm. (1Set = 10 Pit's)	459	443	16	16	16	0	475	459	16	2	2	0	12.50	
(II). Borrow area Samples (EMB/SG)		***MoRT&H (Clause-305)***															
2.1	Free Swelling Index (FSI)	IS : 2720 (P-40)	2 Test's / 3000 Cum.	182	182	0	6	6	0	188	188	0	1	1	0	16.67	
2.2	Grain size analysis (GSA)	IS : 2720 (P-4)	2 Test's / 3000 Cum.	182	182	0	6	6	0	188	188	0	1	1	0	16.67	
2.3	Liquid limits (LL)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	182	182	0	6	6	0	188	188	0	1	1	0	16.67	
2.4	Plasticity Index (PI)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	182	182	0	6	6	0	188	188	0	1	1	0	16.67	
2.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	2 Test's / 3000 Cum.	182	182	0	6	6	0	188	188	0	1	1	0	16.67	
2.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	1 Test's / 3000 Cum.	91	91	0	3	3	0	94	94	0	1	1	0	33.33	
2.7	Field Compaction Test (Emb)	IS : 2720 (P-28)	1 Set / 3000 Sqm. (1Set = 10 Pit's)	2492	2435	57	110	106	4	2602	2541	61	20	20	0	18.18	
2.8	Field Compaction Test (Subgrade)	IS : 2720 (P-28)	1 Set / 2000 Sqm. (1Set = 10 Pit's)	567	537	30	0	0	0	567	537	30	0	0	0	0.00	

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(III). Coarse Agg. for Concrete Work's		***MoRT&H Table -900-6***														
4.1	Gradation of Coarse Aggregate	IS : 2386 (P-1)	1 Test / Every day's work	**84**	**84**	**0**	**30**	**30**	**0**	**114**	**114**	**0**	**5**	**5**	**0**	**16.67**
4.2	Flakiness Index (FI)	IS : 2386 (P-1)	1 Test for source / Weekly	**11**	**11**	**0**	**4**	**4**	**0**	**15**	**15**	**0**	**1**	**1**	**0**	**25.00**
4.3	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test for source / Weekly	**11**	**11**	**0**	**4**	**4**	**0**	**15**	**15**	**0**	**1**	**0**	**0**	**25.00**
4.4	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	**3**	**3**	**0**	**0**	**0**	**0**	**3**	**3**	**0**	**0**	**0**	**0**	**0.00**
4.5	Water Absorption	IS : 2386 (P-3)	1 Test / Source	**3**	**3**	**0**	**0**	**0**	**0**	**3**	**3**	**0**	**0**	**0**	**0**	**0.00**
4.6	Deleterious Constituents	IS : 2386 (P-2)	1 Test / As Reqiured	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.00**
4.7	Moisture correction	IS : 2386 (P-3)	1 Test / Day	**84**	**84**	**0**	**30**	**30**	**0**	**114**	**114**	**0**	**5**	**5**	**0**	**16.67**
4.8	Soundness	IS : 2386 (P-5)	1 Test / Source	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.00**
4.9	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.00**
(IV). Fine Agg. for Concrete		***MoRT&H Table -900-6***														
5.1	Gradation	IS : 383	1 Test / Every day's work	**84**	**84**	**0**	**30**	**30**	**0**	**114**	**114**	**0**	**6**	**6**	**0.0**	**20.00**
5.2	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	**3**	**3**	**0**	**0**	**0**	**0**	**3**	**3**	**0**	**0**	**0**	**0.0**	**0.00**
5.3	Water Absorption	IS : 2720 (P-3)	1 Test / Source	**3**	**3**	**0**	**0**	**0**	**0**	**3**	**3**	**0**	**0**	**0**	**0.0**	**0.00**
5.4	Silt Content	IS : 383	1 Test / Weekly	**3**	**3**	**0**	**4**	**4**	**0**	**7**	**7**	**0**	**1**	**1**	**0.0**	**25.00**
5.5	Moisture correction	IS : 2386 (P-3)	1 Test / Every day's work	**84**	**84**	**0**	**30**	**30**	**0**	**114**	**114**	**0**	**5**	**5**	**0.0**	**16.67**
(V). Concrete Cube's Compressive Strength Test		***IS: 516***														
∴	***Grade of Concrete : M-10 PCC***															
6.1	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**18**	**18**	**0**	**0**	**0**	**0**	**18**	**18**	**0**	**0**	**0**	**0**	**0.00**
6.2	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**38**	**38**	**0**	**10**	**10**	**0**	**48**	**48**	**0**	**2**	**2**	**0**	**20.00**
∴	***Grade of Concrete : M-15 PCC***															
6.3	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
6.4	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
∴	***Grade of Concrete : M-20 PCC***															
6.5	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
6.6	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
∴	***Grade of Concrete : M-20 RCC***															
6.7	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
6.8	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00

∴	***Grade of Concrete : M-20 for KERB***																	
6.9	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
6.1	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
∴	***Grade of Concrete : M-25 RCC***																	
6.11	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
6.12	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
∴	***Grade of Concrete : M-30 RCC***																	
6.13	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**53**	**53**	0	**13**	**13**	**0**	**66**	**66**	**0**	**2**	**2**	**0**	**15.38**	
6.14	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**160**	**160**	0	**42**	**42**	**0**	**202**	**202**	**0**	**10**	**10**	**0**	**23.81**	
∴	***Grade of Concrete : M-35 RCC***																	
6.15	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**13**	**13**	**0**	**9**	**9**	**0**	**22**	**22**	**0**	**1**	**1**	**0**	**11.11**	
6.16	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**10**	**10**	**0**	**9**	**9**	**0**	**19**	**19**	**0**	**3**	**3**	**0**	**33.33**	
∴	***Grade of Concrete : M-35 Pile***																	
6.17	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
6.18	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
∴	***Grade of Concrete : M-35 RE BLOCK***																	
6.19	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**0**	**0**	**0**	**8**	**8**	**0**	**8**	**8**	**0**	**2**	**2**	**0**	**25.00**	
6.2	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**3**	**0**	**0.00**	
∴	***Grade of Concrete : M-40 RCC***																	
6.21	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
6.22	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
∴	***Grade of Concrete : M-45 RCC/PSC***																	
6.23	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
6.24	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
∴	***Grade of Concrete : M-50 RCC/PSC***																	
6.25	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
6.26	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
∴	***Grouting of PSC Girders***																	
6.27	for 7 days	IS : 516	As per Frequency MoRT&H	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
6.28	for 28 days	IS : 516	As per Frequency MoRT&H	0	0	0	0	0	0	0	0	0	0	0	0	0.00	

(VI). Cement tests																
7.1	Fineness of Cement	IS : 4031 (P-1)	1 Test Every Batch of Cement	**14**	**14**	**0**	**4**	**4**	**0**	**18**	**18**	**0**	**1**	**1**	**0**	**25.00**
7.2	Normal Consistency	IS : 4031 (P-4)	1 Test Every Batch of Cement	**14**	**14**	**0**	**4**	**4**	**0**	**18**	**18**	**0**	**1**	**1**	**0**	**25.00**
7.3	Initial Setting Time	IS : 4031 (P-5)	1 Test Every Batch of Cement	**14**	**14**	**0**	**4**	**4**	**0**	**18**	**18**	**0**	**1**	**1**	**0**	**25.00**
7.4	Final Setting time	IS : 4031 (P-5)	1 Test Every Batch of Cement	**14**	**14**	**0**	**4**	**4**	**0**	**18**	**18**	**0**	**1**	**1**	**0**	**25.00**
7.5	Compressive Strength (03 Days)	IS : 516	1 Test Every Batch of Cement	**13**	**13**	**0**	**2**	**2**	**0**	**15**	**15**	**0**	**1**	**1**	**0**	**50.00**
7.6	Compressive Strength (07 Days)	IS : 516	1 Test Every Batch of Cement	**13**	**13**	**0**	**2**	**2**	**0**	**15**	**15**	**0**	**1**	**1**	**0**	**50.00**
7.7	Compressive Strength (28 Days)	IS : 516	1 Test Every Batch of Cement	**11**	**11**	**0**	**3**	**3**	**0**	**14**	**14**	**0**	**1**	**1**	**0**	**33.33**
7.8	Soundness	IS : 4031 (P-3)	1 Test Every Batch of Cement	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.0**
7.9	Specific Gravity	IS : 4031 (P-11)	1 Test Every Batch of Cement	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.0**
(VII. Granular Sub-Base (GSB)		***MoRT&H Clause - 401***														
8.1	Gradation	Table 400-2	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.2	Liquid limits (LL)	IS : 2720 (P-5)	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.3	Plasticity Index (PI)	IS : 2720 (P-5)	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.4	Moisture Prior to Compaction Test	IS : 2720 (P-2)	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	1 Test Per Source / As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	1 Test Per Source / As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.7	Water Absorption	IS : 2720 (P-3)	1 Test Per Source / As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.8	Aggregate Impact Value (AIV)	IS : 2386 (P-4)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8.9	Field Compaction Test (GSB)	IS : 2720 (P-28)	1 Set / 1000 Sqm. (1Set = 3 Pit's)	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(VIII). Wet Mix Macadam (WMM)		***MoRT&H-406***														
11.1	Gradation	Table 400-13	1 Test /200 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.2	Atterberg limits (LL & PI)	IS : 2720 (P-5)	1 Test /200 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.3	Proctor test (MDD Vs OMC)	IS : 2720 (P-8)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.4	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test/ 1000 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.5	Combined Flakiness & Elongation (FI & EI)	IS : 2386 (P-1)	1 Test /500 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.6	Water Absorption	IS : 2386 (P-3)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.7	Soundeness	IS : 2386 (P-3)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.8	Field Compaction Test (WMM)	IS : 2720 (P-28)	1 Set / 1000 Sqm. (1Set = 3 Pit's)	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(IX). Dense Bituminous Macadam (DBM)		***MoRT&H-500***														
13.1	Binder Content & Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.2	Mix Combined Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.3	Marshall Test (In Sets)	ASTM-D :1559	1 Set/ 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.4	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.5	Combined Flakiness & Elongation (FI & EI)	IS : 2386 (P-1)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.6	Water Absorption & Specific Gravity	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.7	Stripping Value	IS : 6241	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.8	Maximum Sp.Gravity(Gmm)	ASTM D 2041	1 Set/ 400 MTMix	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.9	Density of compacted layer	MoRT&H Sec.900	1 Test / 700 Sq.m	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.10	Soundeness	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.11	Sand equivalent test	IS : 2720 (P-37)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.12	plasticity Index	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.13	percentage of Fractured face	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13.14	Polished Stone Value	BS: 812 (P-114)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(X). Bituminous Concrete (BC)		***MoRTH-500***														

14.1	Binder Content & Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.2	Mix Combined Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.3	Marshall Test (In Sets)	ASTM-D :1559	1 Tet/ 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.4	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.5	Combined Flakiness & Elongation (FI & EI)	IS : 2386 (P-1)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.6	Water Absorption & Specific Gravity	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.7	Stripping Value	IS : 6241	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.8	Maximum Sp.Gravity(Gmm)	ASTM D 2041	1 set/ 400 MTMix	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.9	Density of Compacted Layer	MoRT&H Sec.900	1 test / 700 Sq.m	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.10	Soundeness	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.11	Sand equivalent test	IS : 2720 (P-37)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.12	plasticity Index	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.13	percentage of Fractured face	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14.14	Polished Stone Value	BS: 812 (P-114)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XI). Bitumen (VG-40)																
15.1	Softening Point(^{0}c)	IS : 1205	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
15.2	Penetration at 25^{0}c 100gm 5 Sec	IS : 1203	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
15.3	Ductility at 25^{0}c	IS : 1208	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
15.4	Absolute Viscosity at 60^o/135^{0}C (CST)	IS : 1206 (P-2)	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
15.5	Kinematic Viscosity at 135^{0}C (CST)	IS : 1206 (P-3)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
15.6	Specific Gravity at 27^{0}C	IS : 2380 (P-4)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
15.7	Flash Pint	IS : 1209 (IS: 1448 P-69)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
15.8	Solubility Test	IS : 1216	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
(XII). Emulsion (SS-1)																
17.1	Viscosity @ 25^{0}C	IS : 8887:2004	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0
17.2	Water Content	IS : 8887:2004	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
17.3	Prime coat	IS : 8887:2004	3 test / Day	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XIII). Emulsion (RS-1)																
18.1	Viscosity @ 50^{0}C	IS : 8887:2004	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0
18.2	Water Content	IS : 8887:2004	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
18.3	Tack Coat	IS : 8887:2004	3 test / Day	0	0	0	0	0	0	0	0	0	0	0	0	0.00
THIRD PARTY TESTS (NABL ACCREDITED LABORATORY)																
(XIV). Coarse Aggregates																
18.1	Gradation	IS : 2386 (P-1)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00
18.2	FI & EI	IS : 2386 (P-1)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00
18.3	Aggregate Impact Value	IS : 2386 (P-4)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00
18.4	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00
18.5	Water Absorption	IS : 2386 (P-3)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00
18.6	Deleterious Content	IS : 2386 (P-1)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00
18.7	L.A.V.	IS : 2386 (P-4)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00
18.8	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00
18.9	Soundeness	IS : 2386(P-5)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00
18.10	Petrographic Examination	IS : 2386 (P-8)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00
18.11	Stone Polished Value	BS-812 (P-114)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00

(XV). Fine Aggregates																	
19.1	Gradation	IS : 383	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00	
19.2	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00	
19.3	Water Absorption	IS : 2386 (P-3)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00	
19.4	Deleterious Content	IS : 2386 (P-1)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00	
19.5	Silt Content	IS : 2386 (P-4)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00	
19.6	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00	
19.7	Soundeness	IS : 2386(P-5)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00	
19.8	Organic Impurities	IS : 2386 (P-8)	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00	
19.9	Fineness Modulus	IS : 383	1 Test / Source	**2**	**2**	0	**0**	**0**	**0**	**2**	**2**	**0**	0	0	0	0.00	
(XVI). TMT Bar's (Steel)																	
20.1	Physical properties	IS : 1786	< 10mm - 1 sample/25 MT, 10-16mm-1sample/35 MT,	0	0	0	**11**	**11**	**0**	**11**	**11**	0	0	0	0	0.00	
20.2	Chemical properties	IS : 1786	> 16mm - 1 sample/45 MT	0	0	0	**11**	**11**	**0**	**11**	**11**	0	0	0	0	0.00	
(XVII). Construction Water																	
21.1	Suitability for construction	IS : 456	1 Test Per Source / As Required	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	0	0	0	0.00	
(XVIII). Chemical Admixture																	
22.1	Physical & Chemical properties	IS : 9103	1 Test/ Per Lot	0	0	0	**1**	**1**	**0**	**1**	**1**	0	0	0	0	0.00	
(XIX). Cement (OPC-53 Grade)																	
23.1	Physical & Chemical properties	IS : 8112	1 Test / Source	0	0	0	**3**	**3**	**0**	**3**	**3**	0	0	0	0	0.00	
(XX). Soil - Borrow Area																	
24.1	Mechanical	IS : 2720 (P-39)	1 Test / Source	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
(XXI). NP-4 Hume Pipe Test																	
25.1	600 MM	IS : 458	1 test per Lot /of 50 Pipes	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
(XXII). Bitumen (Emulsion)																	
26.1	Bitumen Emulsion SS-1	IS : 8887	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
26.2	Bitumen Emulsion RS-1	IS : 8887	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
(XXIII). Bitumen (VG-40)																	
27.1	Bitumen VG-40	IS : 73	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
(XXIV). Bitumen (PMB)																	
28.1	Bitumen PMB	IS : 15462-2019	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
(XXV). Curing Compound																	
29.1	Physical & Chemical properties	ASTM C309	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00	

CHAPTER-11

CORRESPONDENCE

11.1 Outward Letter

SN	Date	Letter No.	Subject	To
1	02.06.2025	MKCIL/ASSAM/PKG-06/276	Regarding Submission of D&D for MNB (Widening) at Ch. 97+458 (1x6)	TL (AIPPL)
2	02.06.2025	MKCIL/ASSAM/PKG-06/277	Notification of Flood Fury and Extremely Heavy Torrential Rain as per Article 28 of the Concession Agreement_	TL (AIPPL)
3	03.06.2025	MKCIL/ASSAM/PKG-06/278	Submission of Monthly Progress report for the month of May-2025	TL (AIPPL)
4	03.06.2025	MKCIL/ASSAM/PKG-06/279	Submission of Typical D&D for Precast Toe Wall	TL (AIPPL)
5	04.06.2025	MKCIL/ASSAM/PKG-06/281	Consent for Route Alignment & Detailed Survey Report.	GM (PMU Karimganj)
6	04.06.2025	MKCIL/ASSAM/PKG-06/282	Regarding Compliance Report on the Observation Submitted by PGCIL.	GM (PMU Karimganj)
7	05.06.2025	MKCIL/ASSAM/PKG-06/285	Regarding submission of Typical Design and Drawing for Precast Additional Box culvert (1x4x3).	TL (AIPPL)
8	05.06.2025	MKCIL/ASSAM/PKG-06/287	Regarding joint inspection for relocation of LVUP	TL (AIPPL)
9	07.06.2025	MKCIL/ASSAM/PKG-06/289	Notification regarding closure of Major Bridge (Known as Gammon Bridge) over Barak River as per Article 28, Force Ma	TL (AIPPL)
10	12.06.2025	MKCIL/ASSAM/PKG-06/296	Regarding Submission of Pipe Culvert Drawings at Ch. 93+517, 97+941, 98+378, 99+378, 99+603 & 99+973.	TL (AIPPL)
11	12.06.2025	MKCIL/ASSAM/PKG-06/298	Regarding approval for borrow area	TL (AIPPL)
12	12.06.2025	MKCIL/ASSAM/PKG-06/299	Reg. Submission of Cement Samples for conducting third party test	TL (AIPPL)
13	12.06.2025	MKCIL/ASSAM/PKG-06/300	Reg. Submission of Admixture Samples for conducting third party test.	TL (AIPPL)
14	12.06.2025	MKCIL/ASSAM/PKG-06/301	Reg. Submission of Steel Samples for conducting third party test	TL (AIPPL)
15	14.06.2025	MKCIL/ASSAM/PKG-06/304	Regarding re-submission of borrow area detail for approval	TL (AIPPL)
16	16.06.2025	MKCIL/ASSAM/PKG-06/307	Regarding restoration work of rain cuts in embankment and sub-grade layer	TL (AIPPL)
17	16.06.2025	MKCIL/ASSAM/PKG-06/308	Notifying the delay in Providing Right of Way to the Concessionaire in respect of all land.	GM (NHIDCL)
18	16.06.2025	MKCIL/ASSAM/PKG-06/309	Reminder-regarding joint Inspection for finalization of location for additional Box-Culvert and Hume Pipe Culvert.	TL (AIPPL)
19	17.06.2025	MKCIL/ASSAM/PKG-06/311	Submission of Revised Workmen's Compensation (WC) Insurance Policy.	GM (NHIDCL)

20	17.06.2025	MKCIL/ASSAM/PKG-06/312	Regarding Submission of Design and Drawing for MNB at Ch. 90+543 (2x6).	TL (AIPPL)
21	18.06.2025	MKCIL/ASSAM/PKG-06/315	Notification regarding collapse of Bridge over Harang River as per Article 28, Force Majeure of the Concession Agreement.	TL (AIPPL)
22	18.06.2025	MKCIL/ASSAM/PKG-06/316	Regarding Compliance to Observations on Submitted Pavement Design Report.	TL (AIPPL)
23	19.06.2025	MKCIL/ASSAM/PKG-06/317	Reg. Submission of Third-Party Test Report of Steel.	TL (AIPPL)
24	21.06.2025	MKCIL/ASSAM/PKG-06/320	Regarding Submission of Design & Drawing for Sub Structure of VUP at Ch. 97+000 (1x20) & 100+290 (1x20).	TL (AIPPL)
25	23.06.2025	MKCIL/ASSAM/PKG-06/323	Submission of Hardcopies of Borrow Area Test Report.	TL (AIPPL)
26	23.06.2025	MKCIL/ASSAM/PKG-06/324	Submission of Contract Price Weightage as per Aa per Annexure-I of Schedule-G of Concession Agreement.	TL (AIPPL)
27	25.06.2025	MKCIL/ASSAM/PKG-06/326	Regarding Submission of Approved Drawings Copy with Sign Stamp for Review & Records.	TL (AIPPL)
28	27.06.2025	MKCIL/ASSAM/PKG-06/330	Submission of Third-party test report of Rashmi Steel Limited (TMT) for Source Approval.	TL (AIPPL)
29	28.06.2025	MKCIL/ASSAM/PKG-06/332	Submission of third-party test reports of Berger Admixture, Max Cement (OPC-53), Dalmia cement (OPC-53) & Star Cement (OPC-53) for Source Approval.	TL (AIPPL)
30	28.06.2025	MKCIL/ASSAM/PKG-06/333	Submission of Contract Price Weightage as per Annexure - I of Schedule – G of Concession Agreement - reg.	TL (AIPPL)
31	30.06.2025	MKCIL/ASSAM/PKG-06/336	Consent for Handling Expenditure of Independent Engineer (IE)	GM (NHIDCL)
32	30.06.2025	MKCIL/ASSAM/PKG-06/337	Regarding Review Comments of Independent Engineer & Submission of MPR of May 2025.	TL (AIPPL)
33	30.06.2025	MKCIL/ASSAM/PKG-06/338	Submission of third-party test reports and updated documents of Elegant steel for source Approval.	TL (AIPPL)

11.2 Inward Letter (NHIDCL)

SN	Letter No.	Date	Subject	From
1	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG - 06/31	04.06.2025	Submission of profile and credential of Shree bala ji test house pvt. For third party	AIPPL-AYOLEEZA (JV)
2	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG - 06/32	04.06.2025	Submission of profile and credential of Shree Universal test house pvt. For third party	AIPPL-AYOLEEZA (JV)
3	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG - 06/33	04.06.2025	Submission of D&D of Minor Bridge at-97+674,97+784,98+270,99+050,99+2506,104+446	AIPPL-AYOLEEZA (JV)
4	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG - 06/34	04.06.2025	Submission of D&D of Box-culvert at-89+847,90+747,91+349,96+696,105+088	AIPPL-AYOLEEZA (JV)

5	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG - 06/35	04.06.2025	Submission company profile & credential of Rashmi metallic Limited for source approval.	AIPPL-AYOLEEZA (JV)
6	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG - 06/36	04.06.2025	Submission D&D of Typical section for precast Toe wall	AIPPL-AYOLEEZA (JV)
7	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG - 06/37	04.06.2025	Submission of D&D for Precast Boundary wall	AIPPL-AYOLEEZA (JV)
8	NHIDCL/PMU-Karimganj/PGCIL/Pkg-06/2025-26/325	04.06.2025	Regarding review & acceptance for Route Alignment and Detailed Survey Report.	AIPPL-AYOLEEZA (JV)
9	NHIDCL/PMU-Karimganj/PGCIL/Pkg-06/2025-26/326	04.06.2025	Submission of Estimate of Utility Shifting-Reg	AIPPL-AYOLEEZA (JV)
10	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG -06/38	06.06.2025	Review of Mix Design of Concrete M-10 PCC, M-15 PCC, M-20 PCC, M-20 RCC M-25 RCC, M-30 RCC, M-35 RCC, M-35 PILE, M-35 RE BIOCK, M-40 RCC & M-45 RCC/PSC using Dalmia OPC 53 Grade of Cement with Berger HS Rheocrat RV 213 Admixture.	AIPPL-AYOLEEZA (JV)
11	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG -06/39	06.06.2025	Review of Mix Design of Concrete M-10 PCC, M-15 PCC, M-20 PCC, M-20 RCC M-25 RCC, M-30 RCC, M-35 RCC, M-35 PILE, M-35 RE BIOCK, M-40 RCC & M-45 RCC/PSC using Star OPC 53 Grade of Cement with Vista VCPL/K/0301124 Admixture.	AIPPL-AYOLEEZA (JV)
12	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG -06/40	09.06.2025	Regarding restoration of rain cut in embankment layer and sub-grade layers	AIPPL-AYOLEEZA (JV)
13	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG -06/41	09.06.2025	Submission of Mix design of CTSB	AIPPL-AYOLEEZA (JV)
14	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG -06/41	09.06.2025	Submission of Mix design of CTSB	AIPPL-AYOLEEZA (JV)
15	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG -06/44	11.06.2025	Submission of profile & credential of Shyam metallic and energy ltd. for source approval	AIPPL-AYOLEEZA (JV)
16	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG -06/45	11.06.2025	Regarding Compliance to observations on submitted Pavement design report.	AIPPL-AYOLEEZA (JV)
17	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG -06/46	12.06.2025	Approval of D&D of MNB, LVUP & Box-culverts.	AIPPL-AYOLEEZA (JV)
18	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG -06/47	12.06.2025	Submission of pipe culvert drawings at ch.-93+517,97+941,98+378,99+378,99+603,99+973	AIPPL-AYOLEEZA (JV)
19	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG -06/49	12.06.2025	Approval of borrow area.	AIPPL-AYOLEEZA (JV)

20	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/50	19.06.2025	Review Comments of Independent Engineer Regarding submission of Monthly Progress Report of May 2025.	AIPPL-AYOLEEZA (JV)
21	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/52	19.06.2025	Submission of Design & Drawing of Minor Bridges, & Box Culvert.	AIPPL-AYOLEEZA (JV)
22	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/53	19.06.2025	Regarding Re-Submission Approval of Borrow Area Detail for Approval.	AIPPL-AYOLEEZA (JV)
23	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/54	19.06.2025	Re-Submission of Company Credentials for Avian Test Lab Pvt Ltd for Conducting third Party Lab Test.	AIPPL-AYOLEEZA (JV)
24	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/55	19.06.2025	Monthly Progress Report for the Month of May 2025 Regarding.	AIPPL-AYOLEEZA (JV)
25	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/56	19.06.2025	Submission of Design & Drawing of Minor Bridge at ch. 90+543 (2x6).	AIPPL-AYOLEEZA (JV)
26	AIIPL-AYOLEEZA/IE/NHIDCL/Karirmganj/PKG-06/57	25.06.2025	Approval of borrow area for Embankment and Sub-grade	AIPPL-AYOLEEZA (JV)
27	AIIPL-AYOLEEZA/IE/NHIDCL/Karirmganj/PKG-06/58	25.06.2025	Submission of profile and credential of Tata Steel for GFRP bar for source approval.	AIPPL-AYOLEEZA (JV)
28	AIIPL-AYOLEEZA/IE/NHIDCL/Karirmganj/PKG-06/59	25.06.2025	Submission of Bar bending schedule of MNB/VUP/LVUP	AIPPL-AYOLEEZA (JV)
29	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/60	27.06.2025	Regarding List of Survey Equipment's & Calibration Certificate.	AIPPL-AYOLEEZA (JV)
30	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/61	27.06.2025	Site Laboratory at Base Camp Ch 88+800 LHS.	AIPPL-AYOLEEZA (JV)
31	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/63	27.06.2025	Submission of Third-party test report of Rashmi Steel Limited (TMT) for Source Approval.	AIPPL-AYOLEEZA (JV)

CHAPTER-12

Force Majures

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

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

CHAPTER-13

NON-CONFORMANCE REPORT

NIL

CHAPTER-14

WEATHER REPORT

Sl no.	*Date*	*Temperature (In ^{0}c)*		*Humidity (In %)*		*Rainfall (mm)*	*Weather Condition*	*Remarks*
		Minimum	*Maximum*	*Minimum*	*Maximum*			
1	01-06-2025	26.5	28.0	91.0	99.0	40.8	Rainy	
2	02-06-2025	25.1	27.2	86.0	94.0	61.0	Rainy	
3	03-06-2025	25.9	30.1	78.0	93.0	3.0	Rainy/Cloudy	
4	04-06-2025	26.5	29.4	81.0	92.0	0.0	Cloudy	
5	05-06-2025	26.2	28.7	84.0	89.0	78.0	Sunny/Rainy	
6	06-06-2025	27.1	28.8	85.0	90.0	2.0	Sunny/Rainy	
7	07-06-2025	27.9	30.5	79.0	85.0	20.0	Sunny/Rainy	
8	08-06-2025	28.1	30.2	81.0	88.0	0.0	Sunny	
9	09-06-2025	28.9	32.7	74.0	82.0	0.0	Sunny	
10	10-06-2025	29.1	31.2	74.0	79.0	2.0	Sunny/Rainy	
11	11-06-2025	28.8	32.5	71.0	78.0	0.0	Sunny	
12	12-06-2025	30.1	33.4	72.0	77.0	0.0	Sunny	
13	13-06-2025	29.3	32.6	73.0	76.0	0.0	Sunny	
14	14-06-2025	28.9	31.8	77.0	88.0	1.0	Sunny/Rainy	
15	15-06-2025	29.6	32.2	78.0	84.0	5.3	Rainy/Cloudy	
16	16-06-2025	29.4	32.9	75.0	81.0	0.0	Sunny	
17	17-06-2025	30.1	33.0	76.0	82.0	9.0	Sunny/Rainy	
18	18-06-2025	27.9	30.5	74.0	78.0	5.8	Sunny/Rainy	
19	19-06-2025	27.3	29.1	81.0	87.0	22.8	Rainy/Cloudy	
20	20-06-2025	28.9	30.3	80.0	86.0	15.0	Sunny/Rainy	
21	21-06-2025	29.4	31.2	77.0	81.0	10.0	Sunny/Rainy	
22	22-06-2025	28.3	30.1	79.0	88.0	7.4	Sunny/Rainy	
23	23-06-2025	29.1	32.5	78.0	85.0	4.0	Sunny/Rainy	
24	24-06-2025	29.2	32.1	82.0	90.0	34.0	Sunny/Rainy	
25	25-06-2025	28.7	30.2	80.0	87.0	15.3	Sunny/Rainy	
26	26-06-2025	28.9	32.4	75.0	81.0	10.0	Sunny/Rainy	
27	27-06-2025	28.6	31.5	74.0	86.0	8.6	Sunny/Rainy	
28	28-06-2025	29.1	31.3	77.0	84.0	5.0	Sunny/Rainy	
29	29-06-2025	28.9	31.0	76.0	81.0	9.6	Sunny/Rainy	
30	30-06-2025	28.7	30.5	78.0	83.0	53	Sunny/Rainy	

Rainfall Data					
SN	**Description**	**Total Rainfall(mm)**	**Up to previous month(mm)**	**This month(mm)**	**Remark**
1	Rainfall	2025.5	1602.9	422.6	

The maximum & minimum weather records are summarized below:

TEMPERATURE/ RAINFALL PERIOD: 1st June, 2025 to 30th June, 2025				
Temperature		**Rainfall**		
Maximum (in ^{0}C)	**Minimum (in ^{0}C)**	**Maximum (in mm)**	**Minimum (in mm)**	**Total Days**
33.4	25.1	99	71.0	24

CHAPTER-15

ACCIDENT REPORT

NIL

CHAPTER-16

ROAD MAINTENANCE & SAFETY REPORT

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

CHAPTER-17

Stagging work at chainage-88+886 (LVUP)

Concrete pouring work at chainage-89+543 (MNB)

Reinforcement Placing at chaiange 92+248 (LVUP)

Box-culvert segment casting work at chainage-100+100(Casting yard)

Unsuitable soil removing work at chainage-192+180

Concrete pouring work at chainage-98+587 (LVUP)

Existing road maintenance work at chainage-93+800

Cube test in laboratory in presence of authority and IE.

Calibration of lab equipments