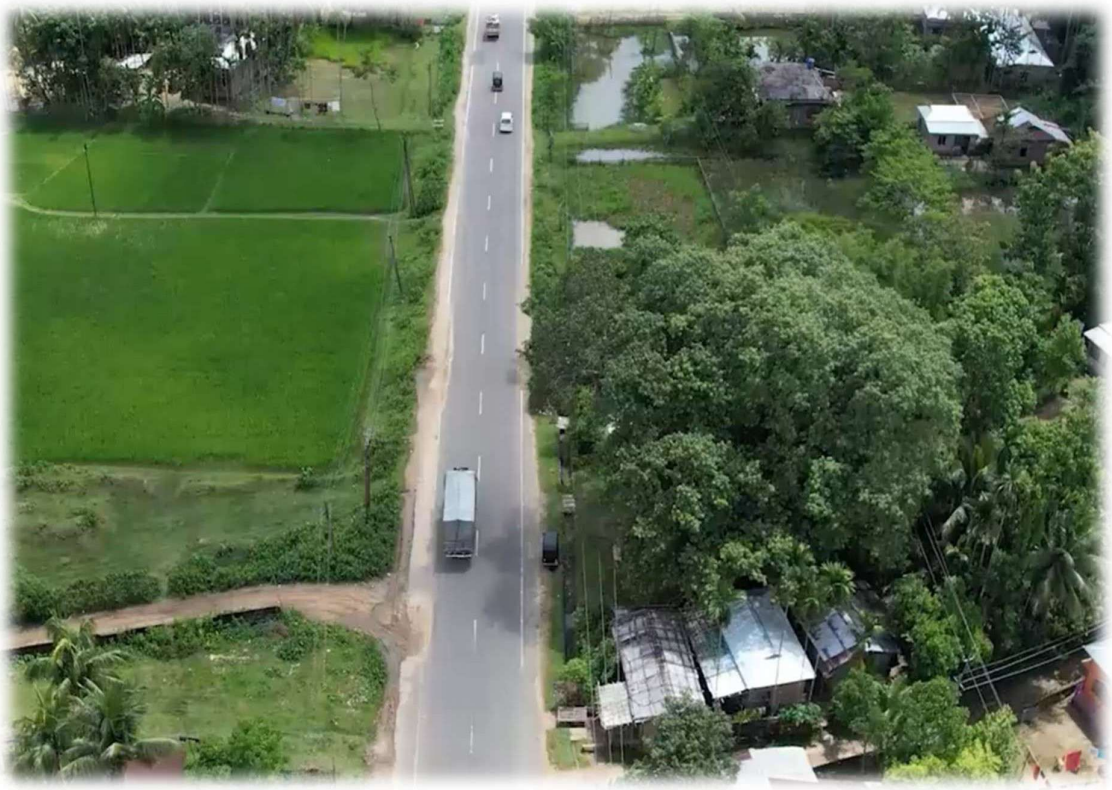
Monthly Progress Report
August-2026



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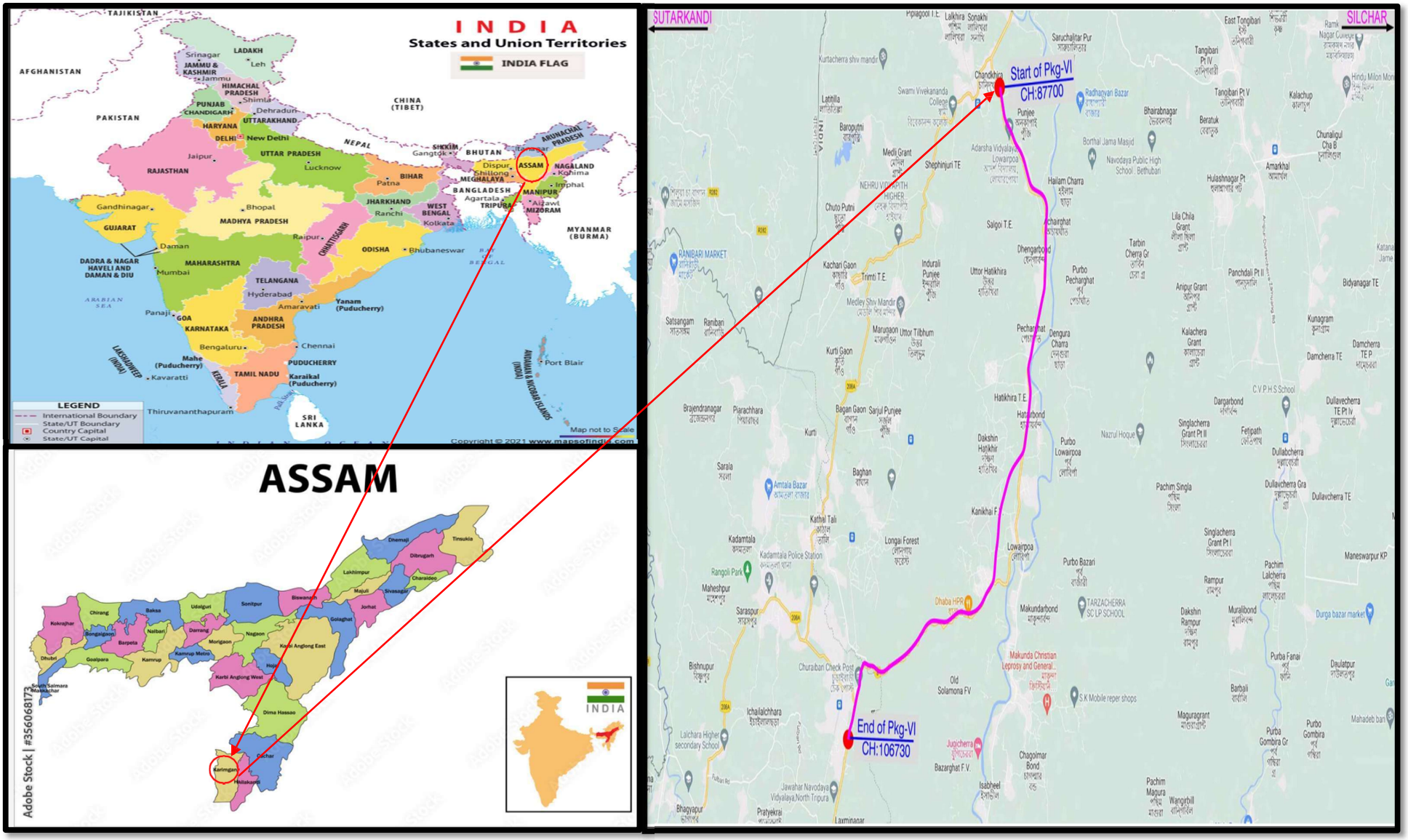
Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)

PROJECT ROAD LOCATION MAP / INDEX MAP



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 LHS (Chandkhira).

   The details of Key staff personnel deployed are highlighted in the Chapter-6 of this report. The details of deployed Plants and Machineries are included in Chapter-7 of this report.

3. **Pre-Construction Activity:**

   The Details of pre-construction activities have been included in Chapter-5 of this report.

4. **EPC Contractor:**

   MKC Infrastructure Limited

5. **Status of Project Works Progress:**

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

6. **Design and Drawing**

The status of approval of Working Drawings for road works and structures submitted to Authority as on dated **31-08-2026** is given below.

Sr. No.	Description	UoM	Scope	Submitted	Approved	Balance	Remarks
1.	Plan & Profile (MCW)	Km.	18.800	18.800	18.800	0.00	
2.	Plan & Profile (SR)	Km.	10.440	10.440	10.440	0.00	
3.	RE Wall	Nos	5.00	3.00	3.00	2.00	
4.	Minor Bridge	Nos.	24.00	24.00	22.00	0.00	
5.	Underpass	Nos.	6.00	6.00	6.00	0.00	
6.	Box-Culvert	Nos.	38.00	38.00	38.00	0.00	
7.	HPC	Nos.	10.00	10.00	10.00	0.00	

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 18.80 km. are subjected to following:

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

Stretches/ Encumbrances Free Land				Encumbrances/ Hindered Land		
Sr. No.	**Side**	**Length (Km)**	**%**	**Side**	**Length (Km)**	**%**
1.	BHS	16.196	86.15%	BHS	2.604	13.85%

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.	Bhagwati Temple	89+750	LHS	
2.	Vishwakarma Temple	90+390	LHS	
3.	Shani temple	94+700	LHS	
4.	Shani temple	95+100	RHS	
5.	Bishnu Temple	100+800	LHS	
6.	Old Temple Shed & Pipal Tree	102+610	RHS	
7.	Shiv Temple Shed	104+400	LHS	
8.	Temple Building	105+800	RHS	
9.	Shiv Temple	106+390	LHS	

d) Details of Hindered Land:

DETAILS OF ENCUMBRANCES WITHIN ROW										
Sr. No	Chainage		Side	Total Length (KM)	Remark	Chainage		Side	Total Length (KM)	Remark
	From	To				From	To			
1	87+700	87+780	LHS	0.08	Structure	88+000	88+060	RHS	0.060	Structure
2	88+010	88+100	LHS	0.09	Structure	88+910	88+940	RHS	0.030	Structure
3	88+850	88+910	LHS	0.06	Structure	90+480	90+510	RHS	0.030	Structure
4	88+910	88+990	LHS	0.08	Structure	91+300	91+340	RHS	0.040	Structure
5	89+020	89+030	LHS	0.01	Structure	91+700	91+920	RHS	0.220	Structure
6	89+270	89+300	LHS	0.03	Structure	92+290	92+340	RHS	0.050	Structure
7	89+390	89+530	LHS	0.14	Structure	92+900	93+000	RHS	0.100	Structure
8	89+700	89+830	LHS	0.13	Structure	93+000	93+080	RHS	0.080	Structure
9	89+800	89+877	LHS	0.077	Structure	93+120	93+180	RHS	0.060	Structure
10	89+880	90+100	LHS	0.22	Structure	93+430	93+460	RHS	0.030	Structure
11	90+100	90+450	LHS	0.35	Structure	93+950	93+970	RHS	0.020	Structure
12	90+710	90+730	LHS	0.02	Structure	94+250	94+320	RHS	0.070	Structure
13	90+800	90+920	LHS	0.12	Structure	94+410	94+440	RHS	0.030	Structure
14	91+060	91+070	LHS	0.01	Structure	94+670	94+690	RHS	0.020	Structure
15	91+100	91+200	LHS	0.1	Structure	95+100	95+320	RHS	0.220	Structure
16	91+290	91+300	LHS	0.01	Structure	95+650	95+850	RHS	0.200	Structure
17	91+510	91+630	LHS	0.12	Structure	100+260	100+280	RHS	0.020	Structure
18	91+700	91+920	LHS	0.22	Structure	100+400	100+420	RHS	0.020	Structure
19	92+370	92+400	LHS	0.03	Structure	100+520	100+600	RHS	0.070	Structure
20	92+290	92+300	LHS	0.01	Structure	100+780	100+830	RHS	0.070	Structure
21	92+990	93+030	LHS	0.04	Structure	100+950	101+050	RHS	0.050	Structure
22	93+500	93+530	LHS	0.03	Structure	102+650	102+700	RHS	0.050	Structure
23	93+740	93+760	LHS	0.02	Structure	103+800	103+850	RHS	0.050	Structure
24	94+280	94+430	LHS	0.15	Structure	103+940	103+990	RHS	0.050	Structure
25	94+200	94+210	LHS	0.01	Structure	104+050	104+070	RHS	0.050	Structure
26	94+660	94+690	LHS	0.03	Structure	105+800	105+830	RHS	0.050	Structure
27	94+780	94+805	LHS	0.025	Structure					
28	95+300	95+320	LHS	0.12	Structure					
29	95+480	95+500	LHS	0.02	Structure					
30	95+600	95+900	LHS	0.3	Structure					
31	96+480	96+640	LHS	0.16	Structure					
32	100+620	100+635	LHS	0.015	Structure					
33	100+700	100+850	LHS	0.15	Structure					
34	100+950	101+050	LHS	0.1	Structure					
35	101+230	101+400	LHS	0.17	Structure					
36	101+920	102+000	LHS	0.08	Structure					
37	102+550	102+560	LHS	0.01	Structure					
38	104+120	104+140	LHS	0.02	Structure					
39	104+400	104+410	LHS	0.01	Structure					
40	106+350	106+450	LHS	0.1	Structure					
Total Hindered Length				**3.467**	**LHS**				**1.740**	**RHS**
	Total Length			**2.604**						

Note: The length of the hindrance shown in the table has been determined based on a joint inspection with the IE representative and the Authority representative.

14. Current Issues: -

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

a) 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 **86.15%** of the land is currently free from encumbrances.

b) Proposal of COS: -

1. **The proposal of Change of scope for Retaining wall is still pending by the end of the IE/Authority.**
The Concessionaire has intimated the Independent Engineer vide letter MKCIL/ASSAM/PKG 6/1051 dated 20.08.2026 regarding the proposal for the construction of a retaining wall that mainly arise due to ROW constraint in high-embankment stretches, covering a total length of approximately 440 meters.

2. **The proposal of Change of scope for unsuitable soil is still pending by the end of the IE /Authority.**
1st Case: The Concessionaire has intimated the Authority/I.E., vide letter MKCIL/ASSAM/PKG 6/222 dated 01.05.2025 regarding the Change of Scope as per Article 16 due to presence of unsuitable soil encountered at several stretches of the project highway.
During the Field Soil Investigation (FSI) conducted at our site laboratory, the soil samples found fail in the test. When placed in water, the soil samples were observed to float, indicating unsuitable for construction purpose. Due to abnormal behavior of the soil, no further standard testing could be carried out on these samples.

2nd Case: The Concessionaire has intimated the Authority/I.E., vide letter MKCIL/ASSAM/PKG 6/224 dated 01.05.2025 regarding the Change of Scope as per Article 16 for several weaker stretches of weak soil strata which have been encountered during the geotechnical investigations. These weak soil zones were neither identified or indicated in the Detailed Project Report (DPR) nor in Concession Agreement for the above-mentioned project.

c) Approval of COS on MNBs (Experienced settlement) – The Estimate of COS on MNB (Experience settlement) at ch-98+267 and 99+247 was submitted vide letter no. MKCIL/ASSAM/PKG-06/1051 on dated-20.08.2026, The approval is currently pending at the end of the Competent Authority.

d) Approval of COS for AUP- The Estimate of COS on AUP is submitted vide letter no. MKCIL/ASSAM/PKG-06/637 on dated-22.12.2025, The approval is currently pending at the end of the Competent Authority.

e) Approval of COS for Toe Wall-The Estimate of COS on Toe wall is submitted vide letter no. MKCIL/ASSAM/PKG-06/1051 on dated-20.08.2026, The approval is currently pending at the end of the Competent Authority.

f) Approval of COS for Retaining Wall- The Estimate of COS on Retaining wall is submitted vide letter no. MKCIL/ASSAM/PKG-06/1051 on dated-20.08.2026, The approval is currently pending at the end of the Competent Authority.

g) EHT Line- The EHT line shifting work has not yet commenced due to the non-availability of land. This issue is significantly impacting the progress of the project. Therefore, the Concessionaire requests that this matter be treated as a priority.

h) **MNB Descoping Proposal-** The Concessionaire submitted a proposal vide Letter No. MKCIL/ASSAM/PKG-06/931 dated 14.05.2026 regarding the descoping of the MNB located at Chainage 89+568, which is proposed over the existing IGGL gas pipeline. The decision on this proposal is still pending as of date.

CHAPTER-1

INTRODUCTION

General

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

Project Overview

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

CHAPTER-2

CONTRACT DATA

Sr. No.	Items	Description
1.	**Name of Project**	Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km).
2.	**Project Length**	18.80 km
3.	**Project Bid Cost**	449.81 Cr.
4.	**Authority**	National Highways & Infrastructure Development Corporation Limited
5.	**Independent Engineer**	M/s Agnitio Infrastructure Projects Pvt. Ltd. in JV with M/s Ayoleeza Consultants Pvt. Ltd.
6.	**Concessionaire**	MKC Badarpur Churaibari Kamakhya Highways Private limited
7.	**Design Consultant**	Geo Designs & Research Pvt. Ltd.
8.	**DPR Consultant**	Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.
9.	**LOA No. & Date**	NHIDCL/Procurement/Assam/2023-24/228965/3086 dated 11.03.2024
10.	**Date of Concession Agreement**	May 31, 2024
11.	**Appointed Date**	March 7, 2025
12.	**Construction Period**	730 days (from Appointed Date) [24-Months]
13.	**Schedule Completion Date**	March 7, 2027
14.	**O&M Period**	15 Years from the date of COD

15	**Project Milestone**	
	Milestone- I	The Project Milestone-I shall occur on the date falling on the 256th (two hundred and fifty sixth) day from the Appointed Date (**i.e., November 18, 2025)-** (The concessionaire shall have expended not less than 20% of the total capital cost set forth in the Financial Package and the Concessionaire shall have commenced construction of the Project and achieved 20% Physical Progress) **Achieved on Dated: - 24.12.2025 Vide Letter AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/312 on dated 02.02.2026.**
	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. **Achieved on Dated: - 26.04.2026 Vide Letter AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG06/463 on dated 09.05.2026.**
	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	GSB	R-WMM	DBM	BC
MCW	87+700	106+500	18.800	500.00	200.00	205.00	65.00	40.00
				Sub-Grade	GSB	R-WMM	DBM	BC
Service Road/Slip Road				500.00	200.00	175.00	50.00	30.00

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

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

CHAPTER -4

SCOPE OF THE WORKS AND PROJECT FACILITIES

4.1 Scope of Works

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

- Reconstruction of existing 2 lane carriageway to 4 lane divided carriageway including strengthening existing carriageway by providing bituminous overlays in accordance with the Specifications and Standards.
- Construction of 24- Minor Bridge, 6- Underpasses, 48- Culverts.
- Construction of Slip Road of 10.460 Km (L)
- Construction of Sr. Road of 10.440 Km (L)

4.2 Project Facilities

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

a) 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

b) Operation and Maintenance centers
c) Way side Amenities/ Service Areas
d) Bus Bay and Bus Shelter
e) Pedestrian Facilities
f) Highway Lighting
g) Rainwater Harvesting
h) Environmental Management Plan
i) Advanced Traffic Management System (ATMS)
j) Highway Patrol Unit
k) Emergency Medical Services
l) 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-06/383
2	Article 11	Utilities, Associated Roads and Trees	In-progress	
3	Clause 18.1.2	Safety Consultant	Done	
4	Article 21	Appointment of Independent Engineer	Appointed	Partially Mobilized
5	Clause 10.3	Joint Memorandum	Done	07.03.2025

Obligations of Concessionaire-

Sr. No.	Clause No.	Obligation	Status	Remark/ Reference
1	Clause 9.1	Performance Security	Submitted	
2	Article 11	Shifting and Relocation Electrical Utilities	In-progress	
3	Article 26	Insurance	Done	
4	Clause 4.1.3 (Schedule-E)	Applicable Permits	Done	
5		A permission of State Govt. for boulders extraction	Done	
6		Permission of Village Panchayet and Pollution Board for installation of crushers	Done	
7		License for use of explosives	N/A	
8		Permission of the State Govt. from drawing water from river/ reservoir	Done	
9		Labour License	Done	
10	Clause 12.1	Quality Assurance Plan	Submitted	MKCIL-169 dt. 01.04.2025
11		Construction Methodology	Submitted	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	The land acquisition process has been 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	Completed	
5	Water Pipeline Crossing	Nos.	24	Completed	

5.3 Tree Cutting

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

Sr. No.	Description	Total	Remarks
1.	Total Number of Trees	691.00	**Non-Forest area**
2.	Total Felling of Trees	**475.00**	
3.	Balance Trees	216.00	

5.4 Land Acquisition

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

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

HINDRANCE LIST – CHAINAGE WISE DETAILS

DETAILS OF ENCUMBRANCES WITHIN ROW										
Sr. No	Chainage		Side	Total Length (KM)	Remark	Chainage		Side	Total Length (KM)	Remark
	From	To				From	To			
1	87+700	87+780	LHS	0.08	Structure	88+000	88+060	RHS	0.060	Structure
2	88+010	88+100	LHS	0.09	Structure	88+910	88+940	RHS	0.030	Structure
3	88+850	88+910	LHS	0.06	Structure	90+480	90+510	RHS	0.030	Structure
4	88+910	88+990	LHS	0.08	Structure	91+300	91+340	RHS	0.040	Structure
5	89+020	89+030	LHS	0.01	Structure	91+700	91+920	RHS	0.220	Structure
6	89+270	89+300	LHS	0.03	Structure	92+290	92+340	RHS	0.050	Structure
7	89+390	89+530	LHS	0.14	Structure	92+900	93+000	RHS	0.100	Structure
8	89+700	89+830	LHS	0.13	Structure	93+000	93+080	RHS	0.080	Structure
9	89+800	89+877	LHS	0.077	Structure	93+120	93+180	RHS	0.060	Structure
10	89+880	90+100	LHS	0.22	Structure	93+430	93+460	RHS	0.030	Structure
11	90+100	90+450	LHS	0.35	Structure	93+950	93+970	RHS	0.020	Structure
12	90+710	90+730	LHS	0.02	Structure	94+250	94+320	RHS	0.070	Structure
13	90+800	90+920	LHS	0.12	Structure	94+410	94+440	RHS	0.030	Structure
14	91+060	91+070	LHS	0.01	Structure	94+670	94+690	RHS	0.020	Structure
15	91+100	91+200	LHS	0.1	Structure	95+100	95+320	RHS	0.220	Structure
16	91+290	91+300	LHS	0.01	Structure	95+650	95+850	RHS	0.200	Structure
17	91+510	91+630	LHS	0.12	Structure	100+260	100+280	RHS	0.020	Structure
18	91+700	91+920	LHS	0.22	Structure	100+400	100+420	RHS	0.020	Structure
19	92+370	92+400	LHS	0.03	Structure	100+520	100+600	RHS	0.070	Structure
20	92+290	92+300	LHS	0.01	Structure	100+780	100+830	RHS	0.070	Structure
21	92+990	93+030	LHS	0.04	Structure	100+950	101+050	RHS	0.050	Structure
22	93+500	93+530	LHS	0.03	Structure	102+650	102+700	RHS	0.050	Structure
23	93+740	93+760	LHS	0.02	Structure	103+800	103+850	RHS	0.050	Structure
24	94+280	94+430	LHS	0.15	Structure	103+940	103+990	RHS	0.050	Structure
25	94+200	94+210	LHS	0.01	Structure	104+050	104+070	RHS	0.050	Structure
26	94+660	94+690	LHS	0.03	Structure	105+800	105+830	RHS	0.050	Structure
27	94+780	94+805	LHS	0.025	Structure					
28	95+300	95+320	LHS	0.12	Structure					
29	95+480	95+500	LHS	0.02	Structure					
30	95+600	95+900	LHS	0.3	Structure					
31	96+480	96+640	LHS	0.16	Structure					
32	100+620	100+635	LHS	0.015	Structure					
33	100+700	100+850	LHS	0.15	Structure					
34	100+950	101+050	LHS	0.1	Structure					
35	101+230	101+400	LHS	0.17	Structure					
36	101+920	102+000	LHS	0.08	Structure					
37	102+550	102+560	LHS	0.01	Structure					
38	104+120	104+140	LHS	0.02	Structure					
39	104+400	104+410	LHS	0.01	Structure					
40	106+350	106+450	LHS	0.1	Structure					
Total Hindered Length				**3.467**		**Total Length**			**1.740**	
Total Hindered Length BHS in RMT				**2.604**						

Note: The length of the hindrance shown in the table has been determined based on a joint inspection with the IE representative and the Authority representative.

CHAPTER -6

MOBILIZATION

6.1 Manpower Mobilization of Concessionaire

Sr. No.	Name of Employee	Designation	Department
1.	Satish Chandra Pandey	Asst. Vice President	HQ
2.	Ajeet Kumar Shukla	Project Manager	Project Execution
3.	Ajeet Kumar	Deputy Manager	HR/Admin
4.	Vikash Kumar Mishra	Executive	HR/Admin
5.	Amit Kumar Verma	Supervisor	Admin
6.	Rakesh Samanta	Deputy Manager	Survey
7.	Asim Pal	Asst. Manager	Survey
8.	Sunil Singh	Senior Surveyor	Survey
9.	Lakshaman Samai	Surveyor	Survey
10.	Saurav Nayak	Junior Surveyor	Survey
11.	Partha Barman	Junior Surveyor	Survey
12.	Vinay Ram Dubey	Manager	Liaison
13.	Gulzar Ahmed	Executive	Liaison
14.	Biswajit Santra	Manager	QA/ QC
15.	Jitendra Kumar Sah	Sr. Engineer	QA/QC
16.	Harish Singh Bhadoriya	Engineer	QA/QC
17.	Kanhaiya Singh	Lab Technician	QA/QC
18.	Sandeep Kumar Vishwakarma	Lab Technician	QA/QC
19.	Nilamber Mahto	Lab Technician	QA/QC
20.	Sunil	Lab Technician	QA/QC
21.	Shivam Shroshria	J.E.T	QA/QC
22.	Pritom Manna	Junior Engineer	QA/QC
23.	Debjyoti jena	Junior Engineer	QA/QC
24.	Deepak Kumar Mishra	Deputy Manager	Highway
25.	Mohan Kumar Jha	Senior Engineer	Highway
26.	Sonu	Deputy Manager	Highway
27.	Beetan Banarji	Senior Engineer RE Wall	Highway
28.	Dinesh Kumar Tiwai	Senior Engineer RE Wall	Highway
29.	Abhay Tripathi	Senior Engineer RE Wall	Highway
30.	Ashwini Gupta	Engineer	Highway
31.	Vishal Kumar	Assistant Engineer	Highway
32.	Md Shariqre Alam	Sr. Engineer	Highway
33.	Pawan Gupta	Jr. Engineer	Highway
34.	Ram Narain Sharma	Sr. Supervisor	Highway
35.	Surendra Shrma	Sr. Supervisor	Highway
36.	Bharat Mahto	Sr. Supervisor	Highway
37.	Gopal kharol	Supervisor	Highway
38.	Shiv Kumar	Supervisor	Highway
39.	Rohit Malakar	Supervisor	Highway
40.	Lakhan Dixit	Supervisor	Highway
41.	Sohan Mishra	Manager	Structure
42.	Jagdish Yadav	Asst. Manager	Structure

43.	Varun Kumar Gautam	Engineer	Structure
44.	Abhishek Singh	Engineer	Structure
45.	Vishal Kumar	Engineer	Structure
46.	Nilesh Kumar	Junior Engineer	Structure
47.	Sumit Kumar	Engineer	Structure
48.	Shubham Pandey	Engineer	Structure
49.	Ankit Singh	DET	Structure
50.	Urman Singh	DET	Structure
51.	Amit Singh Gautam	DET	Structure
52.	Anshu Mishra	Supervisor	Structure
53.	Ashutosh Kumar	Supervisor	Structure
54.	Jagdish Pandey	Manager	Planning & Billing
55.	Abhay Kr. Singh	Asst. Manager	Planning & Billing
56.	Rajesh Gantayata	Assistant Engineer	Planning & Billing
57.	Abhinav Kishore	Engineer	Planning & Billing
58.	Tarun Kumar	Get	Planning & Billing
59.	Bikash Chandra Sahu	Senior Executive	IT
60.	Santosh Kumar Jena	Manager	Store
61.	Tapan Sur	Manager	Store
62.	Narugopal Adak	Deputy Manager	Store
63.	Partha Sarathi Roy	Deputy Manager	Store
64.	Santosh Kumar Yadav	Senior Executive	Store
65.	Jeevan Kumar Bhagat	Senior Executive	Store
66.	Pankaj Kumar	Senior Executive	Store
67.	Govind Ram Nagar	Officer	Store
68.	Rahul Mandal	Jr. Executive	Store
69.	Kumar Abhinav	Jr. Executive	Store
70.	Shivam Mishra	Jr. Executive	Store
71.	Shailesh Kumar Singh	Supervisor	Store
72.	Sanjay Singh	Supervisor	Store
73.	Amit Kumar Tiwari	Supervisor	Store
74.	Gaurav Pandey	Supervisor	Store
75.	Nigam Kumar	Supervisor	Store
76.	Bhaskar Ganguly	Manager	Mechanical
77.	Amredra Tiwari	Sr. Engineer	Mechanical
78.	Sahajan Alom Choudhury	Executive	Mechanical
79.	Aman Kumar	Executive	Mechanical
80.	Ratnesh Kumar Bharti	Junior Executive	Mechanical
81.	Arun Kumar Singh	Junior Executive	Mechanical
82.	Dharmendra Kumar Mahto	GET	Mechanical
83.	Debasis Sahoo	Sr, Supervisor	Mechanical
84.	Akshaya Kumar Swain	Sr, Supervisor	Mechanical
85.	Prashant Babu	Supervisor	Mechanical
86.	Vijay Ram Dubey	Fleet In-Charge	Mechanical
87.	Shiv Kr. Pareek	Executive	F & A
88.	Shivam Singh	Junior Executive	H.S.E - Safety
89.	Rishu Kumar	Engineer	Electrical

6.2 Manpower Mobilization of Independent Engineer

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

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	15	
2	Tipper	34	
3	Farana 30 Ton capacity crane	02	
4	Hydra 14 Ton capacity	01	
5	Batching plant	02	
6	RE block Plant	01	
7	WMM Plant 250 TPH	01	
8	Soil Compactor Roller	08	
9	Tandem Roller	04	
10	Mini Tandem Roller	01	
11	Motor Grader	03	
12	Transit Mixer	11	
13	Backhoe Loader	04	
14	LMV Vehicle	15	
15	Diesel Tanker	02	
16	Trailer	02	
17	DG	25	
18	Tractor Trolly	04	
19	Tractor Loader	04	
20	Boom Placer	01	
21	Water Tanker	05	
22	Loader	02	
23	Paver	02	
24	Air Compressor	01	
25	Hydraulic Rock Breaker	01	
26	Hydraulic Broomer	02	
27	Bitumen Browser	02	
28	Kerb Paver	01	
29	Tower Light	02	
30	Hot mix Plant	01	
31	SLCM	01	
32	Plate compactor	02	

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 **August 31, 2026,** is enclosed in this chapter of the report.

Road Works

S N	Description	Unit	Total	Submitted	Approval	Remarks
1.	Plan & Profile MCW	Km	18.800	18.800	18.800	Compliance submitted vide letter no.- MKCIL/ASSAM/PKG-06/857 dated-09.04.2026
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	0.00	
5.	RE Wall	Nos	5.00	3.00	3.00	
7.	Minor Junction	Nos	24.00	-	-	
8.	Signage Plan	Nos	1.00	-	-	
9.	Rest Area	Nos	1.00	-	-	

Structure Works; -

Description	Total Nos	Submitted	Approved	Remarks
LVUP	4	4	4	
VUP	2	2	2	
MNB	24	24	22	Revised 1 Nos D & D Submitted under letter reference MKCIL/ASSAM/PKG-6/711
Box Culverts	38	38	38	
Pipe Culvert	10	10	10	

CHAPTER-9

PROJECT WORK PROGRESS

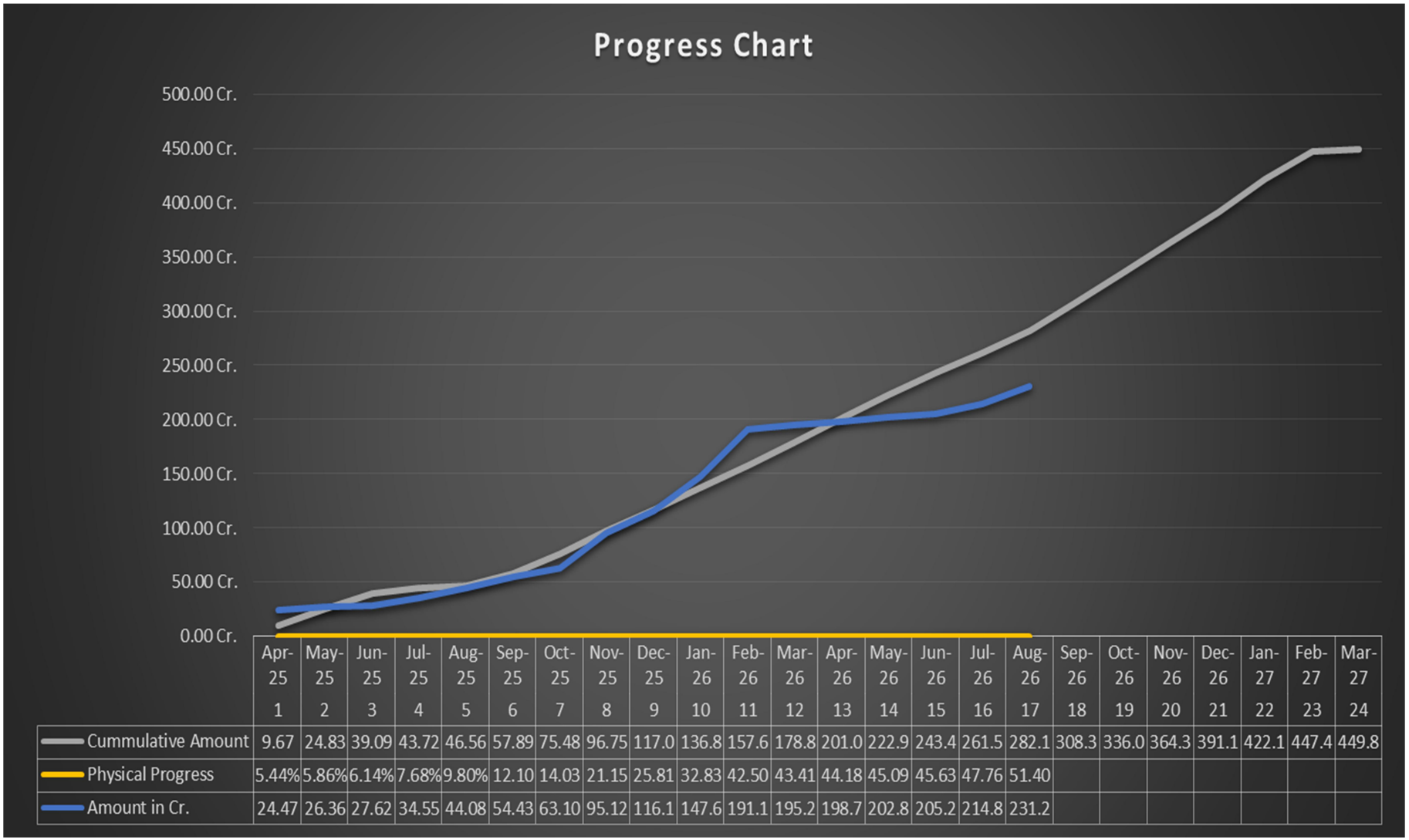
9.1 Work Progress:

Progress as per Schedule G for the month **August-2026.**

Schedule-G

Item	Stage for measurement of Physical Progress	Unit	Qty.	Weightage in percantage to the contract price	Physical Progres	% of Physical Progress	Value of Physical progress
Road works including culverts, minor Bridges, underpasses, overpasses, approaches to ROB/RUB/Major Bridges/Strtcures (But excluding service road)	**A - Widening and strengthening of existing road**						
	(1) Earthwork upto top of Sub-grade	L-Km	26.17	15.79%	13.12	50.1%	7.9%
	(2) Granular work (Sub-base, base,shoulder)						
	(a) GSB	L-Km	26.17	5.19%	12.56	48.0%	2.5%
	(b) WMM	L-Km	26.17	4.89%	6.29	24.1%	1.2%
	(3) Shoulders	L-Km	26.17	0.21%		0.0%	0.0%
	(4) Bituminous Work						
	(a) DBM	L-Km	26.17	3.80%		0.0%	0.0%
	(b) BC	L-Km	26.17	2.57%		0.0%	0.0%
	(6) Widening and repair of culverts	No.	32.00	1.30%	32.00	100.0%	1.3%
	(7) Widening and repair of Minor Bridges	No.	18.00	4.44%	18.00	100.0%	4.4%
	B - New 4 Lane Realignment/Bypass						
	(1) Earthwork upto top of Sub-grade	L-Km	10.67	5.16%	7.11	66.6%	3.4%
	(2) Granular work (Sub-base, base, Shoulder)						
	(a) GSB	L-Km	10.67	2.50%	6.70	62.8%	1.6%
	(b) WMM	L-Km	10.67	1.83%	3.39	31.8%	0.6%
	(3) Shoulders	L-Km	10.67	0.43%		0.0%	0.0%
	(4) Bituminous Work						
	(a) DBM	L-Km	10.67	1.38%		0.0%	0.0%
	(b) BC	L-Km	10.67	0.92%		0.0%	0.0%
	C- New Culverts, Minor Bridges, underpasses, overpasses on existing road, realignment, bypasses:						
	1) Culverts	No.	64.00	3.52%	62.00	96.9%	3.4%
	2) Minor Bridges						
	a) Foundation	No.	62.00	7.87%	54.00	87.1%	6.9%
	b) Sub-Structure	No.	62.00	2.54%	44.00	71.0%	1.8%
	c) Super-Structure (including Crash Barrier etc. Complete) **If pre-cast girders/ segments are used, 40% of the weightage of the stage in percentage to the bid project cost is assigned to the casting of such precast girders/ segments**						
	c-i) Precast Girder - On Casting (40%)	No.	20.00	2.32%	12.00	60.0%	1.4%
	c-ii) Slab - after Completion of Slab (60%)	No.	42.00	3.48%	32.00	76.2%	2.6%
	5) Grade Separated Structures						
	a) Underpasses						
	i) Foundation	No.	16.00	3.12%	16.00	100.0%	3.1%
	ii) Sub-Structure	No.	16.00	1.38%	16.00	100.0%	1.4%
	iii) Super-Structure (including Crash Barrier,Wearing coat etc. Complete) **If pre-cast girders/ segments are used, 40% of the weightage of the stage in percentage to the bid project cost is assigned to the casting of such precast girders / segments**						
	iii-a) Precast Girder - On Casting (40%)	No.	4.00	0.74%	4.00		
	iii-b) Slab - after Completion of Slab (60%)	No.	12.00	1.10%	12.00	100.0%	1.1%
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%	44,033.18	84.2%	0.1%
	ii) Re-Wall using Panel/Blocks Erection (95%)	Sq.m	52,300.00	1.56%	16,110.21	30.8%	0.5%
Electrical and Public Health Utilities	**UTILITY SHIFTING**						
	EHT Crossing	No.	8.00	1.59%			
	HT/LT lines (including Transformers if any)	Km	18.80	0.35%	15.56	82.8%	0.3%
	HT/LT crossings	No.	67.00	2.36%	46.00	68.7%	1.6%
	Water pipeline	L-Km	26.98	0.49%	26.98	100.0%	0.5%
	Water pipeline crossings	No.	23.00	0.32%	23.00	100.0%	0.3%
	MISSCELANEOUS WORKS						
Other Works	**i) - Service Road / Slip Road**	L-Km	20.90	4.23%			
	iii) Road Side Drains	L-Km	20.90	3.78%	9.72	46.5%	1.8%
	iv) - Road signs,markings, Km Stone, Safety devices						
	(a) Road signs,markings, Km Stone	L-Km	37.60	0.53%		0.0%	0.0%
	(b) Concrete Crash Barrier/W Beam Crash Barrier in Road work	L-Km	25.96	2.20%		0.0%	0.0%
	v) - Project Facilities						
	(a) Bus bays	No.	12.00	0.03%		0.0%	0.0%
	(c) Rest Area	No.	1.00	0.59%			
	viii) - Protection Work						
	(b) Toe / Retaining Wall	L-Km	2.56	2.60%	1.73	67.6%	1.8%
	x)Miscellaneous						
	(a) Street Lightning	No.	1,672.00	0.54%		0.0%	0.0%
	(b)ATMS, HTMS, Traffic Aid Posts, Medical aid Posts, Vehicle Recue Posts, Telecom System	L-Km	37.60	0.44%		0.0%	0.0%
	(c) Boundary Wall	L-Km	37.51	1.37%		0.0%	0.0%
	(d) Junction	No.	24.00	0.33%		0.0%	0.0%
	(e) Rain Water Harwesting (RWH)	No.	38.00	0.13%		0.0%	0.0%
			Grand Total >>>	**100.00%**			**51.407%**

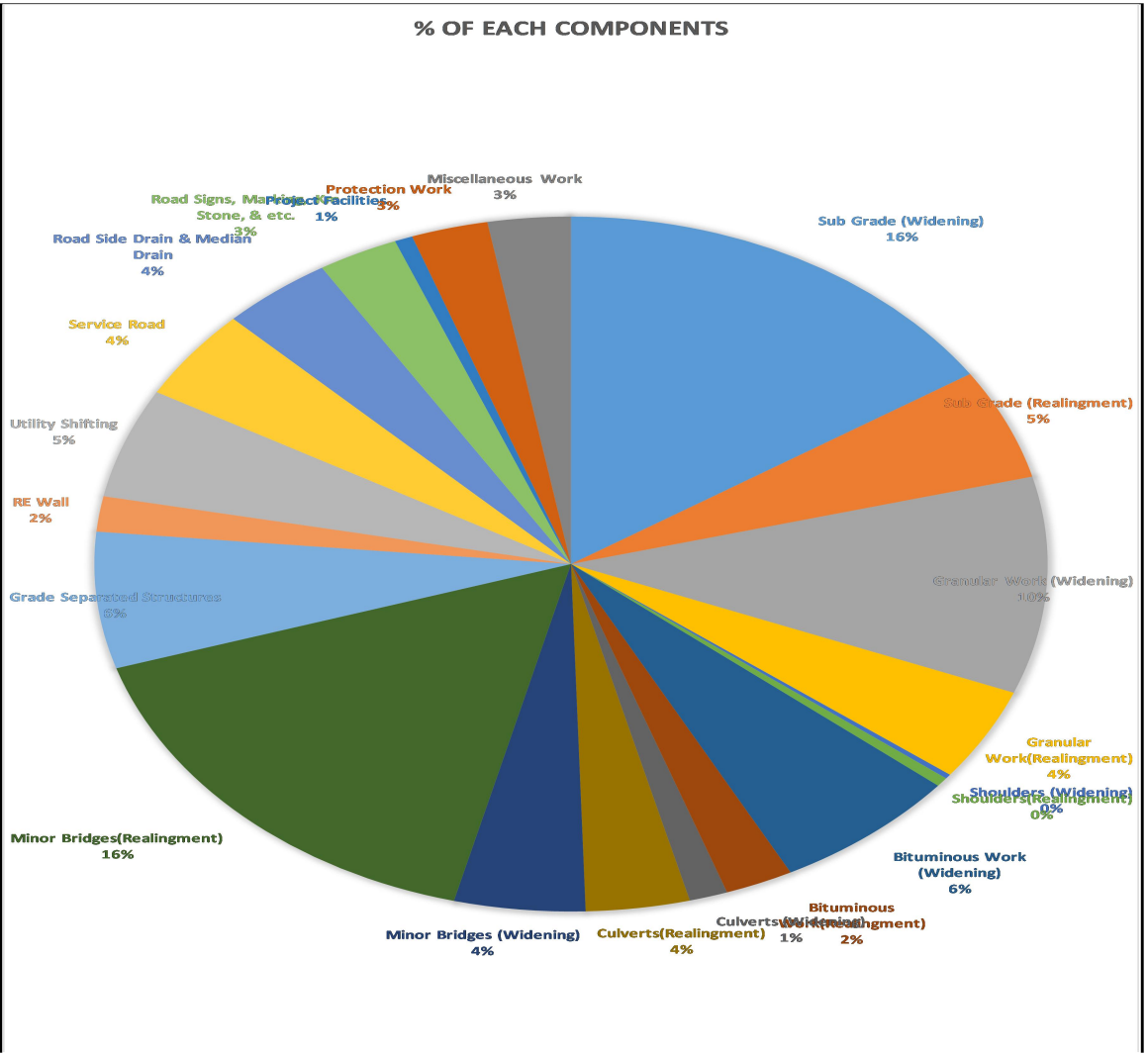
9.2 S Curve



	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	Mar-27
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Cummulative Amount	9.67	24.83	39.09	43.72	46.56	57.89	75.48	96.75	117.0	136.8	157.6	178.8	201.0	222.9	243.4	261.5	282.1	308.3	336.0	364.3	391.1	422.1	447.4	449.8
Physical Progress	5.44%	5.86%	6.14%	7.68%	9.80%	12.10	14.03	21.15	25.81	32.83	42.50	43.41	44.18	45.09	45.63	47.76	51.40							
Amount in Cr.	24.47	26.36	27.62	34.55	44.08	54.43	63.10	95.12	116.1	147.6	191.1	195.2	198.7	202.8	205.2	214.8	231.2							

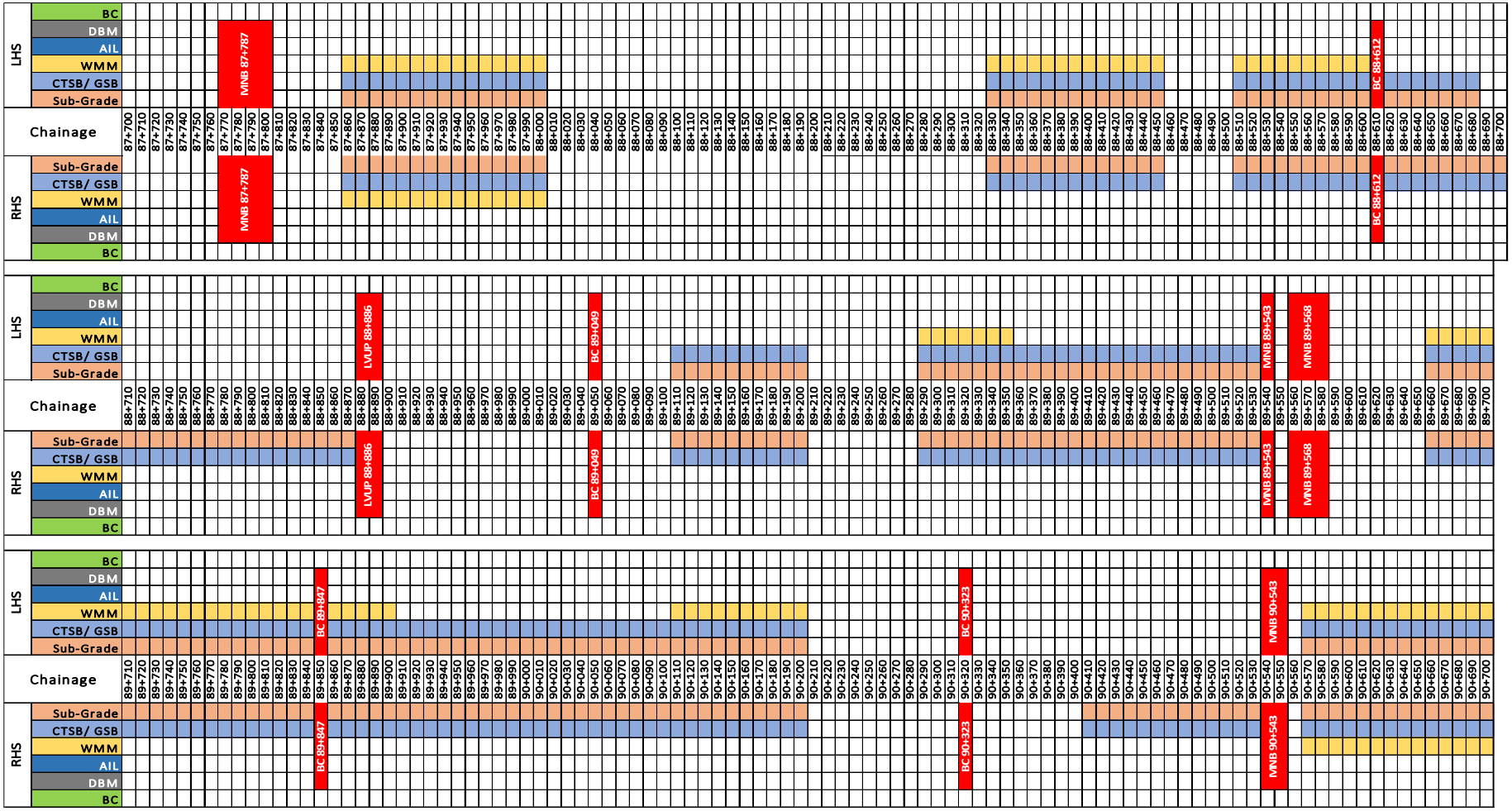
9.3 Weightages

Work Description	% of Each sub components	Amount (Cr.)
Sub Grade (Widening)	15.79%	71,02,49,990.00
Sub Grade (Realingment)	5.16%	23,21,01,960.00
Granular Work (Widening)	10.09%	45,38,58,290.00
Granular Work(Realingment)	4.33%	19,47,67,730.00
Shoulders (Widening)	0.21%	94,46,010.00
Shoulders(Realingment)	0.43%	1,93,41,830.00
Bituminous Work (Widening)	6.37%	28,65,28,970.00
Bituminous Work(Realingment)	2.31%	10,39,06,110.00
Culverts (Widening)	1.30%	5,84,75,300.00
Culverts(Realingment)	3.52%	15,83,33,120.00
Minor Bridges (Widening)	4.44%	19,97,15,640.00
Minor Bridges(Realingment)	16.20%	72,86,92,200.00
Grade Separated Structures	6.34%	28,51,79,540.00
RE Wall	1.64%	7,37,68,840.00
Utility Shifting	5.11%	22,98,52,910.00
Service Road	4.23%	19,02,69,630.00
Road Side Drain & Median Drain	3.78%	17,00,28,180.00
Road Signs, Marking, Km Stone, & etc.	2.73%	12,27,98,130.00
Project Facilities	0.61%	2,74,38,410.00
Protection Work	2.60%	11,69,50,600.00
Miscellaneous Work	2.81%	12,63,96,610.00



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

9.4 Highway Progress:



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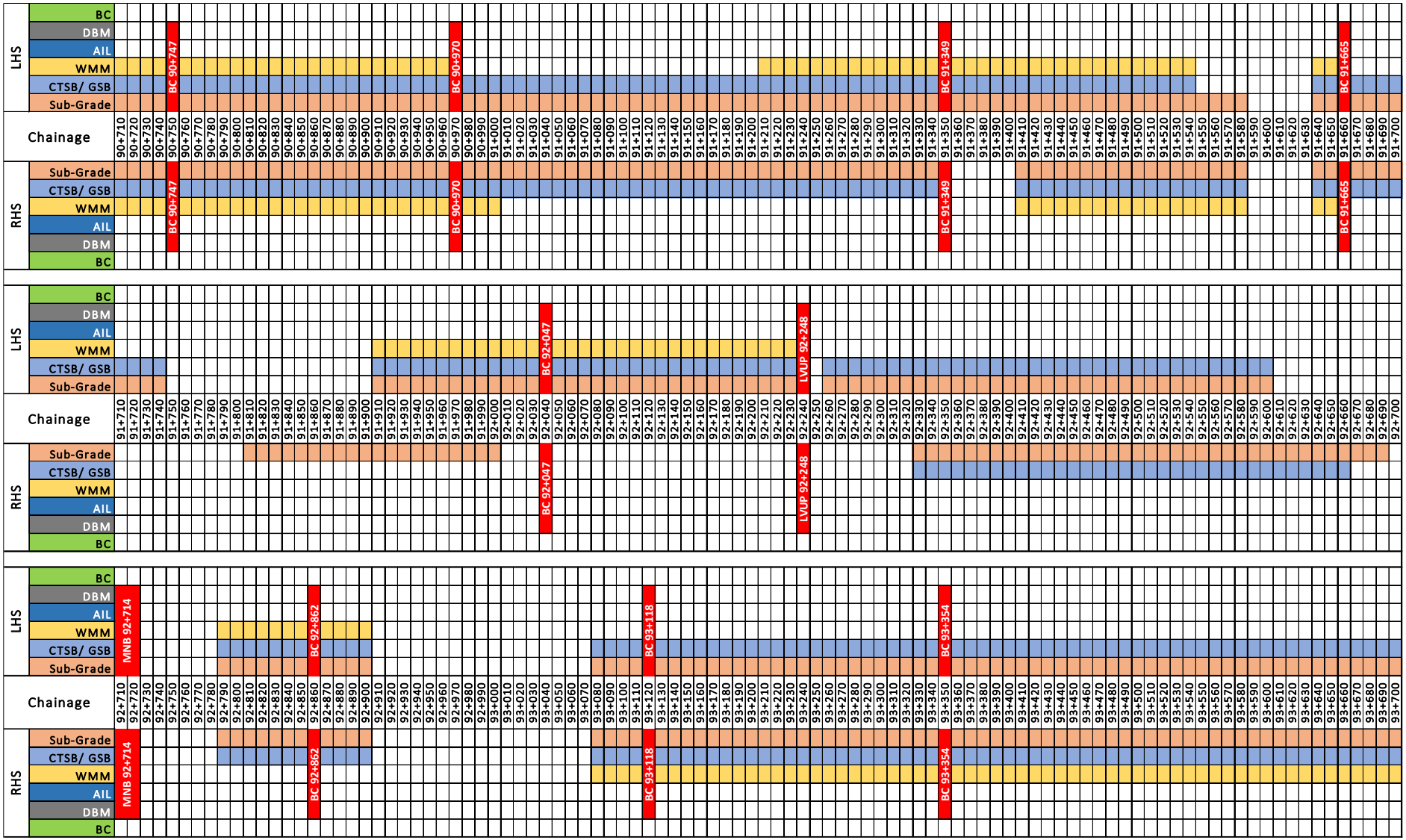

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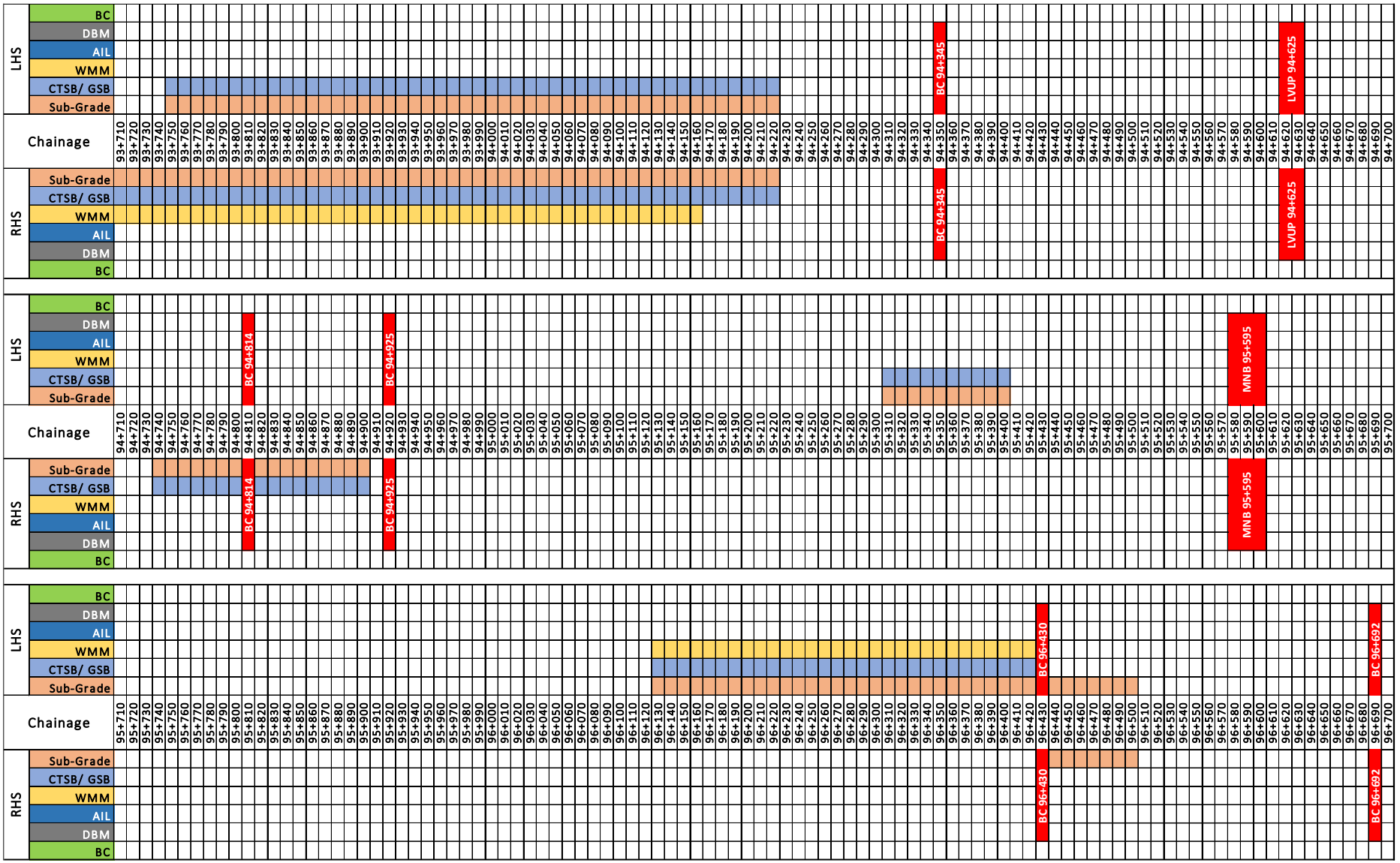

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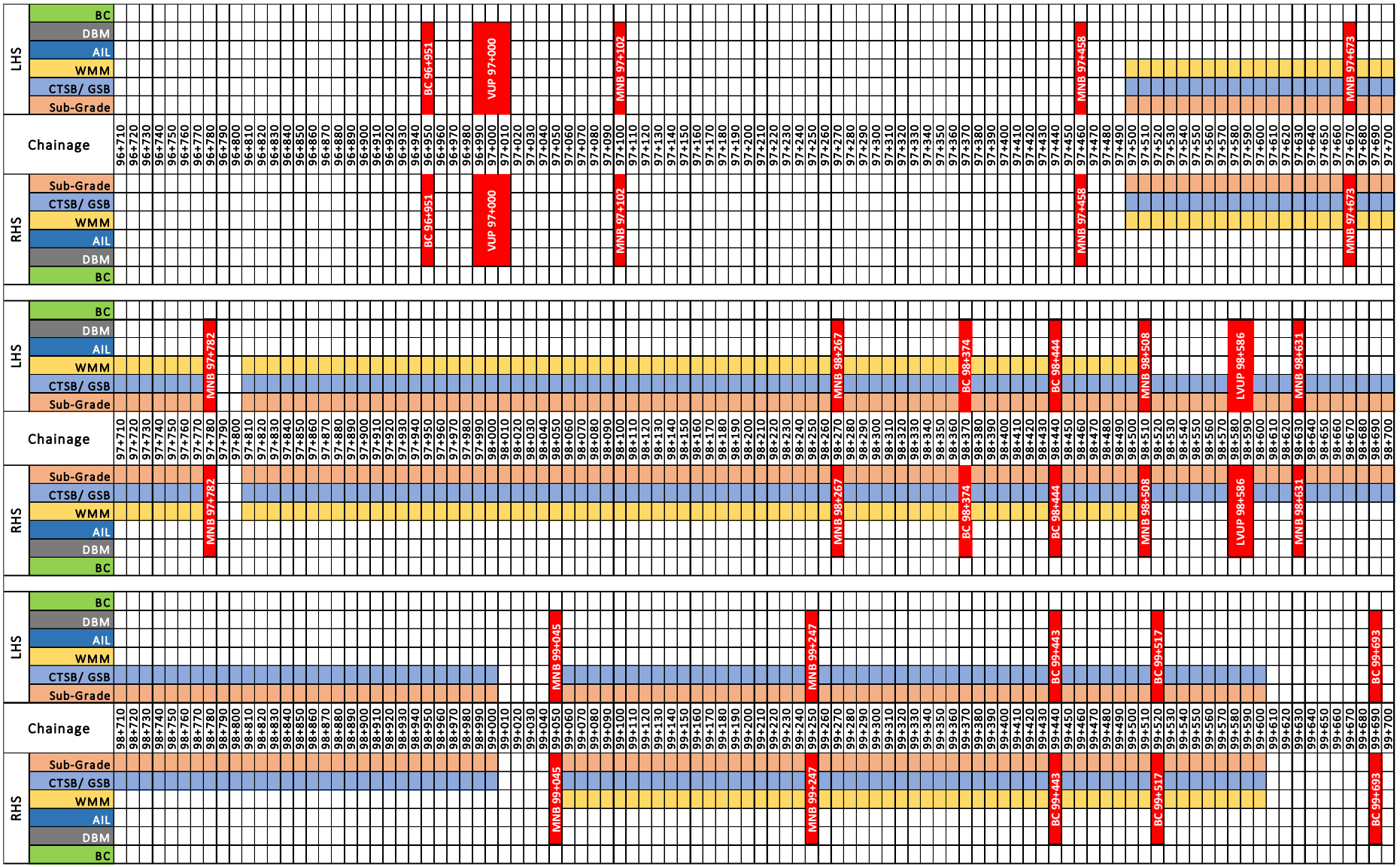
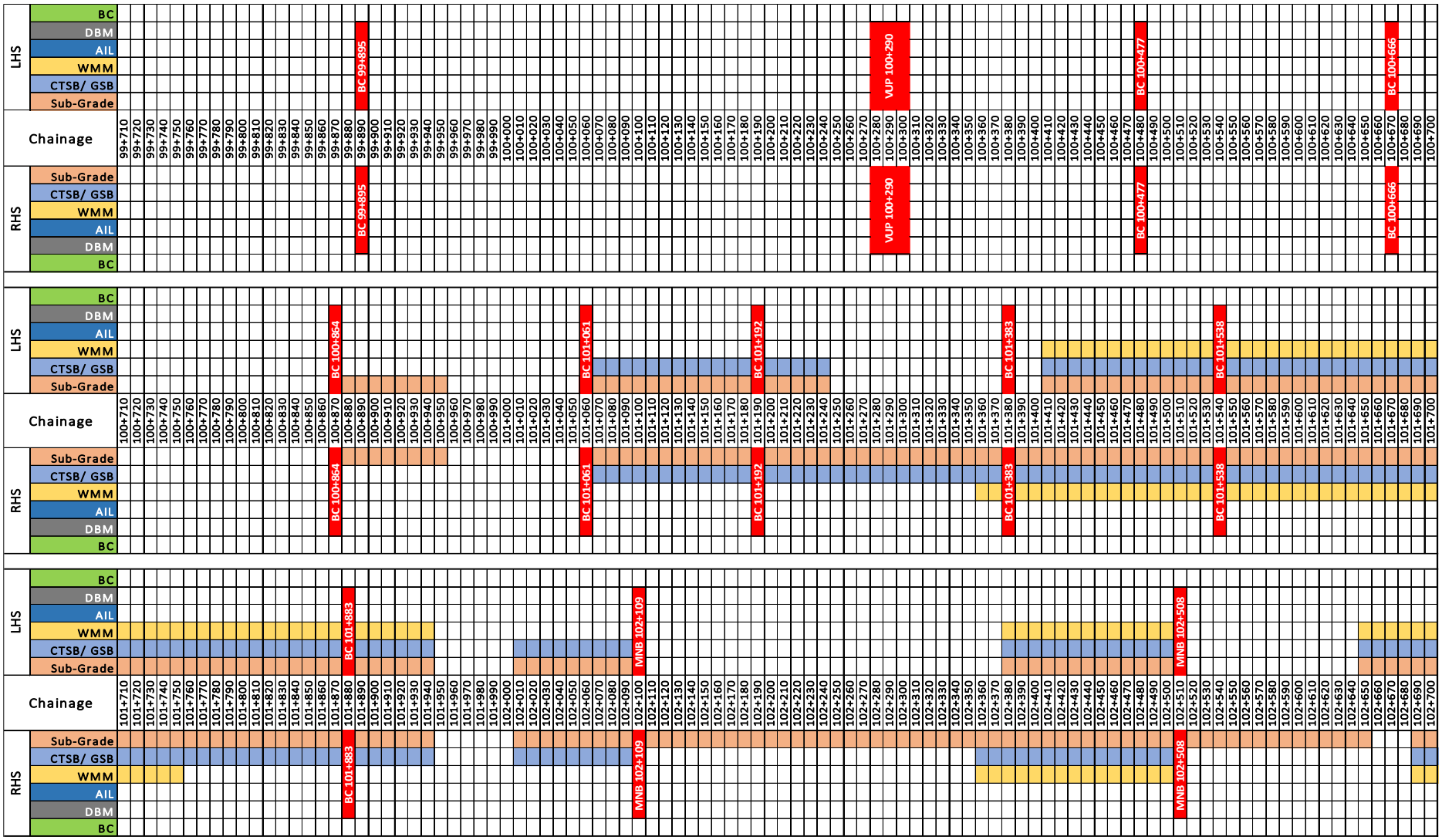
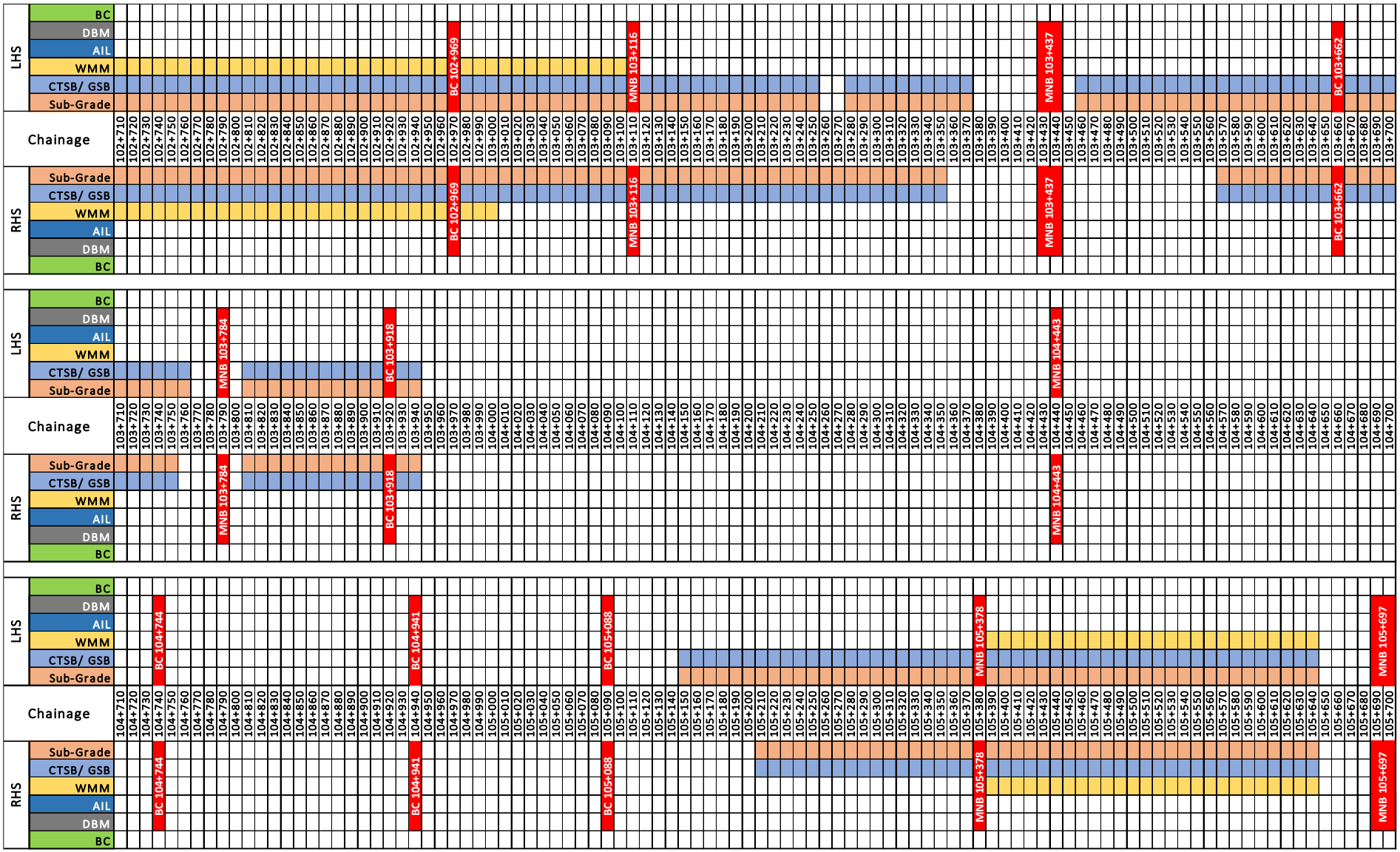


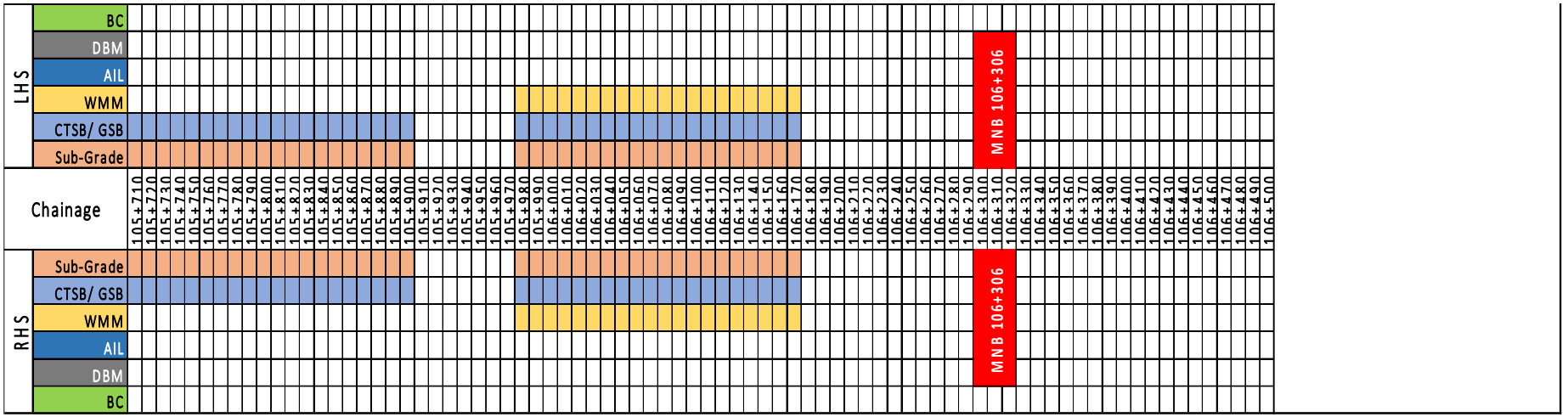
Four Laning of Badarpur-Churaibari section of NH-37 & NH-8 from Design chainage 87.700 (Chandkhira) to km. 106.500 (Churaibari) in the state of Assam on HAM mode. Package-VI (Length=18.80 km)



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)



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



9.5 Detailed Structure Work Progress

9.5.1 Status of HPC

SN	LHS							HPC Chainage	RHS						
	H/W Final Lift	H/W-2nd Lift	H/W-1st Lift	H/W-PCC M15	Laying of Pipe	PCC/Granular Bed	Layout & Excavation		Layout & Excavation	PCC/Granular Bed	Laying of Pipe	H/W-PCC M15	H/W-1st Lift	H/W-2nd Lift	H/W Final Lift
1								93+516							
2								97+271							
3								97+381							
4								97+941							
5								98+051							
6								98+894							
7								98+944							
8								99+375							
9								99+601							
10								99+970							

1	Not Available	1
2	In Progress	
3	Completed	

9.5.2 Status of Box Culvert

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

1	Not Available	
2	In Progress	
3	Completed	

9.5.3 Status of Minor Bridge

Sl.no.	LHS					Minor Bridge Chainage	RHS				
	Super-structure	Sub-structure	Foundation	Excavation	Abutment		Abutment	Excavation	Foundation	Sub-structure	Super-structure
1					A1	87787 (MCW)	A1				
					A2		A2				
1					A1	87787 (SR)	A1				
					A2		A2				
2					A1	89543 (MCW)	A1				
					A2		A2				
2					A1	89543 (SR)	A1				
					A2		A2				
3					A1	89+568	A1				
					A2		A2				
4					A1	90+543	A1				
					A2		A2				
5					A1	92714 (MCW)	A1				
					A2		A2				
6					A1	92714 (SR)	A1				
					A2		A2				
6					A1	95595 (MCW)	A1				
					A2		A2				
7					A1	95595 (SR)	A1				
					A2		A2				
7					A1	97102 (MCW)	A1				
					A2		A2				
8					A1	97102 (SR)	A1				
					A2		A2				
8					A1	97+458	A1				
					A2		A2				
9					A1	97+673	A1				
					A2		A2				
10					A1	97+782	A1				
					A2		A2				
11					A1	98+267	A1				
					A2		A2				
12					A1	98+508	A1				
					A2		A2				
13					A1	98631 (MCW)	A1				
					A2		A2				
14					A1	99+045	A1				
					A2		A2				
15					A1	99+247	A1				
					A2		A2				
16					A1	102+109	A1				
					A2		A2				
17					A1	102+508	A1				
					A2		A2				
18					A1	103+116	A1				
					A2		A2				
19					A1	103+437	A1				
					A2		A2				
20					A1	103+784	A1				
					A2		A2				
21					A1	104+443	A1				
					A2		A2				
22					A1	105+378	A1				
					A2		A2				
23					A1	105+697	A1				
					A2		A2				
24					A1	106+306	A1				
					A2		A2				

1	Not Available		1
2	In Progress		
3	Completed		

9.5.4 Status of VUP

SN	LHS								VUP Chainage	RHS							
	Miscellaneous Item	Crash Barrier	Approach Slab	Desk Slab	Sub-structure	Foundation	Layout & Excavation	Abutment		Abutment	Layout & Excavation	Foundation	Sub-structure	Desk Slab	Approach Slab	Crash Barrier	Miscellaneous Item
1								A1	97+000	A1							
								A2		A2							
2								A1	100+290	A1							
								A2		A2							

1	Not Available	1
2	In Progress	
3	Completed	

9.5.5 Status of LVUP

SN	LHS									LVUP Chainage	RHS								
	Miscellaneous Item	Crash Barrier	Approach Slab	RCC Top Slab	Abutment Wall	Bottom Slab Haunch	Raft	PCC/Granular Bed	Layout & Excavation	Abutment		Abutment	Layout & Excavation	PCC/Granular Bed	Raft	Bottom Slab Haunch	Abutment Wall	RCC Top Slab	Approach Slab	Crash Barrier	Miscellaneous Item
1										A1	88+886	A1									
										A2		A2									
2										A1	92+248	A1									
										A2		A2									
3										A1	94+625	A1									
										A2		A2									
4										A1	98+586	A1									
										A2		A2									

1	Not Available	1
2	In Progress	
3	Completed	

CHAPTER-10

QUALITY CONTROL AND MATERIAL

10.1 Quality Control

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

10.2 Site Laboratory

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

10.3 Materials Testing & Third-Party Test

The testing to be carried out in the site laboratory includes tests of soil, aggregates, cement, steel, sand, embankment fill, sub grade, granular subbase and cement concrete. The details of test conducted up to **31st August-2026** are enclosed.

10.3.1 Soil and Aggregates

The test reports for borrow area earth for available borrow area are approved & test reports for Aggregates are also approved for the available Quarry.

10.3.2 Cement

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

10.3.3 Reinforcement Steel

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

10.3.4 Status of materials source approval & Mix Design

Mix Design				
Sr. No.	**Grade**	**Letter No.**	**Status**	**IE Letter No.**
1.	PCC (M-10, M-15 M-20) RCC (M-20, M-25, M-30, M-35, M-35 Pile, M-40, M-45 (RCC & PSC) M-35 RE Block. (Cement- Dalmia cement)	MKCIL/ASSAM/PKG-06/188 dt. 09.04.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/38
2.	PCC (M-10, M-15 M-20) RCC (M-20, M-25, M-30, M-35, M-35 Pile, M-40, M-45 (RCC & PSC) M-35 RE Block. (Cement- Star cement)	MKCIL/ASSAM/PKG-06/188 dt.09.04.2025	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/39
3.	RCC M-50 (RCC & PSC) (Cement- Dalmia cement)	MKCIL/ASSAM/PKG-06/579 dt. 24.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/216
4.	RCC M-35 (RCC Hume Pipe) (Cement- Dalmia cement)	MKCIL/ASSAM/PKG-06/695 dated 23.01.2026.	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/336
5.	GSB	MKCIL/ASSAM/PKG-06/631 dated 20.12.2025.	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/434

6.	WMM	MKCIL/ASSAM/PKG-06/869	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/477

Cement

Sr. No.	Brand Name	Letter No.	Status	IE Letter No.
1.	Black Tiger Cement	MKCIL/ASSAM/PKG-06/148 dt. 22.03.2025	Not approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/24
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	Not approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/27

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
5.	Shyam Metalics & Energy Ltd.	MKCIL/ASSAM/PKG-06/175 dt. 04.04.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/313

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
6.	Haxatron Industry Limited	MKCIL/ASSAM/PKG-06/580 dt. 24.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/215

GFRP Bar

Sr. No.	Brand Name	Letter No.	Status	IE letter no.
(a)	Tata steel	MKCIL/ASSAM/PKG-06/272 dt. 31.05.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/58
(b)	Fibertron Composite Private	MKCIL/ASSAM/PKG-06/408 dt. 28.07.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/106

Test Laboratory

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

Bitumen

Sr. No.	Brand Name	Letter No.	Status	IE letter no.
1	HINCOL, M/s IndianOil Total Pvt. Ltd.	MKCIL/ASSAM/PKG-6/714 dated 01.02.2026	Partially Approved	AIPPL-AYOLEEZA/IE/NHIDCL-Karimganj/PKG-06/329
2	Jalnidhi Bitumen Specialties Pvt Ltd	MKCIL/ASSAM/PKG-6/741 dated 14.02.2026	Approved	AIPPL-AYOLEEZA/IE/NHIDCL-Karimganj/PKG-06/354
3	Haxatron Industry Limited,	MKCIL/ASSAM/PKG-6/714 dated 01.02.2026	Pending	
4	G R INFRAPROJECTS Limited,	MKCIL/ASSAM/PKG-6/714 dated 01.02.2026	Pending	

Geogrid, Geocell, Geocomposite /Geotextile

Sr. No.	Brand Name	Letter No.	Status	IE letter no.
1	CTM	MKCIL/ASSAM/PKG-06/254 dt. 23.05.2025	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/21
2	Suntech	MKCIL/ASSAM/PKG-06/255 dt. 23.05.2025	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/22
3	Tech-fab	MKCIL/ASSAM/PKG-06/372 dt. 14.07.2025	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/79
4	Maccaferri Company Profile and Credentials	MKCIL/ASSAM/PKG-06/744 dt. 15.02.2026	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/351
5	Geosys India Infrastructures limited	MKCIL/ASSAM/PKG-06/742 dt. 14.02.2026	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/352

Pre-stressing Components				
Sr. No.	**Brand Name**	**Letter No.**	**Status**	**IE letter no.**
1	3 Power Pre-Stressing LLP	MKCIL/ASSAM/PKG-06/520 dt. 06.10.2025	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/182
2	JK Company	MKCIL/ASSAM/PKG-06/553 dt. 10.11.2025	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/201
3	M/S Usha Martin Limited	MKCIL/ASSAM/PKG-06/702 dt. 27.01.2026	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/314

Expansion Joint Sheets				
Sr. No.	**Brand Name**	**Letter No.**	**Status**	**IE letter no.**
1	Mageba Bridge Products Private Limited	MKCIL/ASSAM/PKG-06/559 dt. 12.11.2025	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/196
2	Maurer Sanfield (India) Limited	MKCIL/ASSAM/PKG-06/560 dt. 12.11.2025	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/197
3	JK Company	MKCIL/ASSAM/PKG-06/564 dt. 14.11.2025	Approved	AIPPL- AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/201

Re-Bar Coupler				
Sr. No.	**Brand Name**	**Letter No.**	**Status**	**IE letter no.**
1	JK Company	MKCIL/ASSAM/PKG-06/563 dt. 14.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/201

Wires				
Sr. No.	**Brand Name**	**Letter No.**	**Status**	**IE letter no.**
1	DP Wires Limited Company	MKCIL/ASSAM/PKG-06/563 dt. 14.11.2025	Approved	AIPPL-AYOLEEZ/IE/NHIDCL-Karimganj/Pkg-06/201

Monthly Laboratory Report

LAB & FIELD TEST'S																
(I). OGL Samples		***IRC :36-2010***														
1.1	Free Swelling Index (FSI)	IS : 2720 (P-40)	1 Test / Every 500 m Interval's	76	76	0	0	0	0	76	76	0	0	0	0	0.00
1.2	Grain size analysis	IS : 2720 (P-4)	1 Test / Every 500 m Interval's	76	76	0	0	0	0	76	76	0	0	0	0	0.00
1.3	Liquid limits (LL)	IS : 2720 (P-5)	1 Test / Every 500 m Interval's	76	76	0	0	0	0	76	76	0	0	0	0	0.00
1.4	Plasticity Index (PI)	IS : 2720 (P-5)	1 Test / Every 500 m Interval's	76	76	0	0	0	0	76	76	0	0	0	0	0.00
1.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	1 Test / Every 500 m Interval's	76	76	0	0	0	0	76	76	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)	888	843	45	0	0	0	888	843	45	0	0	0	0.00
(II). Borrow area Samples (EMB/SG)		***MoRT&H (Clause-305)***														
2.1	Free Swelling Index (FSI)	IS : 2720 (P-40)	2 Test's / 3000 Cum.	412	412	0	1	1	0	413	413	0	0	0	0	0.00
2.2	Grain size analysis (GSA)	IS : 2720 (P-4)	2 Test's / 3000 Cum.	412	412	0	1	1	0	413	413	0	0	0	0	0.00
2.3	Liquid limits (LL)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	412	412	0	1	1	0	413	413	0	0	0	0	0.00
2.4	Plasticity Index (PI)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	412	412	0	1	1	0	413	413	0	0	0	0	0.00
2.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	2 Test's / 3000 Cum.	412	412	0	1	1	0	413	413	0	0	0	0	0.00
2.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	1 Test's / 3000 Cum.	208	208	0	1	1	0	209	209	0	0	0	0	0.00
2.7	Gradation For Reinforced Soil	As Per IRC SP: 102-2014	2 Test's / 3000 Cum.	96	96	0	0	0	0	96	96	0	0	0	0	0.00
2.8	Direct Shear Test	IS : 2720 (P-13)	1 Test's / 3000 Cum./ As Required	54	54	0	0	0	0	54	54	0	0	0	0	0.00
2.9	Field Compaction Test (Emb)	IS : 2720 (P-28)	1 Set / 3000 Sqm. (1Set = 10 Pit's)	6562	6394	168	16	15	1	6578	6409	169	5	4	1	31.25
2.10	Field Compaction Test (Subgrade)	IS : 2720 (P-28)	1 Set / 2000 Sqm. (1Set = 10 Pit's)	2360	2266	94	0	0	0	2360	2266	94	0	0	0	0.00
(III). Coarse Agg. for Concrete Work's		***MoRT&H Table -900-6***														
3.1	Gradation of Coarse Aggregate	IS : 2386 (P-1)	1 Test / Every day's work	510	510	0	30	30	0	540	540	0	5	5	0	16.67
3.2	Flakiness Index (FI)	IS : 2386 (P-1)	1 Test for source / Weekly	68	68	0	4	4	0	72	72	0	1	1	0	25.00
3.3	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test for source / Weekly	68	68	0	4	4	0	72	72	0	1	1	0	25.00
3.4	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
3.5	Water Absorption	IS : 2386 (P-3)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
3.6	Deleterious Constituents	IS : 2386 (P-2)	1 Test / As Reqiured	0	0	0	0	0	0	0	0	0	0	0	0	0.00
3.7	Moisture correction	IS : 2386 (P-3)	1 Test / Day	510	510	0	30	30	0	540	540	0	3	3	0	10.00
3.8	Soundness	IS : 2386 (P-5)	1 Test / Source	0	0	0	0	0	0	0	0	0	0	0	0	0.00
3.9	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(IV). Fine Agg. for Concrete		***MoRT&H Table -900-6***														
4.1	Gradation	IS : 383	1 Test / Every day's work	510	510	0	30	30	0	540	540	0	4	4	0.0	13.33
4.2	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0.0	0.00
4.3	Water Absorption	IS : 2720 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0.0	0.00
4.4	Silt Content	IS : 383	1 Test / Weekly	65	65	0	4	4	0	69	69	0	1	1	0.0	25.00
4.5	Moisture correction	IS : 2386 (P-3)	1 Test / Every day's work	510	510	0	30	30	0	540	540	0	3	3	0.0	10.00

(V). Concrete Cube's Compressive Strength Test		***IS: 516***														
∴	***Grade of Concrete : M-10 PCC***															
5.1	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	253	253	0	6	6	0	259	259	0	0	0	0	0.00
5.2	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	416	416	0	15	15	0	431	431	0	0	0	0	0.00
∴	***Grade of Concrete : M-15 PCC***															
5.3	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	133	133	0	1	1	0	134	134	0	0	0	0	0.00
5.4	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	239	239	0	9	9	0	248	248	0	0	0	0	0.00
∴	***Grade of Concrete : M-20 PCC***															
5.5	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5.6	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
∴	***Grade of Concrete : M-20 RCC***															
5.7	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5.8	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
∴	***Grade of Concrete : M-20 for KERB***															
5.9	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5.10	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
∴	***Grade of Concrete : M-25 RCC***															
5.11	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	336	336	0	2	2	0	338	338	0	0	0	0	0.00
5.12	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	788	788	0	16	16	0	804	804	0	4	4	0	25.00
∴	***Grade of Concrete : M-30 RCC***															
5.13	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	820	820	0	43	43	0	863	863	0	10	10	0	23.26
5.14	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	1873	1873	0	95	95	0	1968	1968	0	30	30	0	31.58
∴	***Grade of Concrete : M-35 RCC***															
5.15	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	178	178	0	4	4	0	182	182	0	0	0	0	0.00
5.16	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	411	411	0	25	25	0	436	436	0	8	8	0	32.00
∴	***Grade of Concrete : M-35 Pile***															
5.17	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5.18	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
∴	***Grade of Concrete : M-35 RE BLOCK***															
5.19	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	182	182	0	0	0	0	182	182	0	0	0	0	0.00
5.20	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	520	520	0	0	0	0	520	520	0	0	0	0	0.00
∴	***Grade of Concrete : M-40 RCC***															
5.21	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	232	232	0	9	9	0	241	241	0	2	2	0	22.22
5.22	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	573	573	0	17	17	0	590	590	0	5	5	0	29.41
∴	***Grade of Concrete : M-45 RCC/PSC***															
5.23	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	71	71	0	2	2	0	73	73	0	0	0	0	0.00
5.24	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	133	133	0	12	12	0	145	145	0	5	5	0	41.67
∴	***Grade of Concrete : M-50 RCC/PSC***															
5.25	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5.26	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00
∴	***Grouting of PSC Girders***															
5.27	for 7 days	IS : 516	As per Frequency MoRT&H	2	2	0	3	3	0	5	5	0	1	1	0	33.33
5.28	for 28 days	IS : 516	As per Frequency MoRT&H	0	0	0	4	4	0	4	4	0	2	2	0	50.00
(VI). Cement tests																
6.1	Fineness of Cement	IS : 4031 (P-1)	1 Test Every Batch of Cement	104	104	0	3	3	0	107	107	0	1	1	0	33.33
6.2	Normal Consistency	IS : 4031 (P-4)	1 Test Every Batch of Cement	104	104	0	3	3	0	107	107	0	1	1	0	33.33
6.3	Initial Setting Time	IS : 4031 (P-5)	1 Test Every Batch of Cement	104	104	0	3	3	0	107	107	0	1	1	0	33.33
6.4	Final Setting time	IS : 4031 (P-5)	1 Test Every Batch of Cement	104	104	0	3	3	0	107	107	0	1	1	0	33.33
6.5	Compressive Strength (03 Days)	IS : 516	1 Test Every Batch of Cement	97	97	0	3	3	0	100	100	0	0	0	0	0.00
6.6	Compressive Strength (07 Days)	IS : 516	1 Test Every Batch of Cement	97	97	0	4	4	0	101	101	0	1	1	0	25.00
6.7	Compressive Strength (28 Days)	IS : 516	1 Test Every Batch of Cement	91	91	0	5	5	0	96	96	0	2	2	0	40.00
6.8	Soundness	IS : 4031 (P-3)	1 Test Every Batch of Cement	3	3	0	0	0	0	3	3	0	0	0	0	0.00
6.9	Specific Gravity	IS : 4031 (P-11)	1 Test Every Batch of Cement	0	0	0	0	0	0	0	0	0	0	0	0	0.00

(VII). Granular Sub-Base (GSB)		***MoRT&H Clause - 401***														
7.1	Gradation	Table 400-2	1 Test /400 Cum.	107	107	0	0	0	0	107	107	0	0	0	0	0.00
7.2	Liquid limits (LL)	IS : 2720 (P-5)	1 Test /400 Cum.	107	107	0	0	0	0	107	107	0	0	0	0	0.00
7.3	Plasticity Index (PI)	IS : 2720 (P-5)	1 Test /400 Cum.	107	107	0	0	0	0	107	107	0	0	0	0	0.00
7.4	Moisture Prior to Compaction Test	IS : 2720 (P-2)	1 Test /400 Cum.	450	450	0	0	0	0	450	450	0	5	5	0	0.00
7.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	1 Test Per Source / As Required	2	2	0	0	0	0	2	2	0	0	0	0	0.00
7.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	1 Test Per Source / As Required	2	2	0	0	0	0	2	2	0	0	0	0	0.00
7.7	Water Absorption	IS : 2720 (P-3)	1 Test Per Source / As Required	4	4	0	0	0	0	4	4	0	0	0	0	0.00
7.8	Aggregate Impact Value (AIV)	IS : 2386 (P-4)	As Required	6	6	0	0	0	0	6	6	0	0	0	0	0.00
7.9	Field Compaction Test (GSB)	IS : 2720 (P-28)	1 Set / 1000 Sqm. (1Set = 3 Pit's)	454	448	6	0	0	0	454	448	6	0	0	0	0.00
(VIII). Wet Mix Macadam (WMM)		***MoRT&H-406***														
8.1	Gradation	Table 400-13	1 Test /200 Cum.	32	32	0	0	0	0	32	32	0	0	0	0	0.00
8.2	Atterberg limits (LL & PI)	IS : 2720 (P-5)	1 Test /200 Cum.	30	30	0	0	0	0	30	30	0	0	0	0	0.00
8.3	Proctor test (MDD Vs OMC)	IS : 2720 (P-8)	As Required	6	6	0	0	0	0	6	6	0	0	0	0	0.00
8.4	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test/ 1000 Cum	35	35	0	0	0	0	35	35	0	0	0	0	0.00
8.5	Combined Flakiness & Elongation (FI & EI)	IS : 2386 (P-1)	1 Test /500 Cum	24	24	0	0	0	0	24	24	0	0	0	0	0.00
8.6	Water Absorption	IS : 2386 (P-3)	As Required	16	16	0	0	0	0	16	16	0	0	0	0	0.00
8.7	Field Compaction Test (WMM)	IS : 2720 (P-28)	1 Set / 1000 Sqm. (1Set = 3 Pit's)	92	85	7	0	0	0	92	85	7	0	0	0	0.00
(IX). Dense Bituminous Macadam (DBM)		***MoRT&H-500***														
9.1	Binder Content & Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.2	Mix Combined Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.3	Marshall Test (In Sets)	ASTM-D :1559	1 Set/ 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.4	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.5	Combined Flakiness & Elongation (FI & EI)	IS : 2386 (P-1)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.6	Water Absorption & Specific Gravity	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.7	Stripping Value	IS : 6241	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.8	Maximum Sp.Gravity(Gmm)	ASTM D 2041	1 Set/ 400 MTMix	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.9	Density of compacted layer	MoRT&H Sec.900	1 Test / 700 Sq.m	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.10	Soundeness	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.11	Sand equivalent test	IS : 2720 (P-37)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.12	plasticity Index	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.13	percentage of Fractured face	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9.14	Polished Stone Value	BS: 812 (P-114)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(X). Bituminous Concrete (BC)		***MoRTH-500***														
10.1	Binder Content & Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.2	Mix Combined Gradation	As per MoRT&H	1 Test / 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.3	Marshall Test (In Sets)	ASTM-D :1559	1 Tet/ 400 Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.4	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.5	Combined Flakiness & Elongation (FI & EI)	IS : 2386 (P-1)	1 Test / 350 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.6	Water Absorption & Specific Gravity	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.7	Stripping Value	IS : 6241	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.8	Maximum Sp.Gravity(Gmm)	ASTM D 2041	1 set/ 400 MTMix	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.9	Density of Compacted Layer	MoRT&H Sec.900	1 test / 700 Sq.m	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.10	Soundeness	IS : 2386 (P-3)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.11	Sand equivalent test	IS : 2720 (P-37)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.12	plasticity Index	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.13	percentage of Fractured face	MoRT&H Sec.900	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10.14	Polished Stone Value	BS: 812 (P-114)	1 Test/ Source & As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XI). Bitumen (VG-40)																
11.1	Softening Point(^{0}c)	IS : 1205	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.2	Penetration at 25^{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
11.3	Ductility at 25^{0}c	IS : 1208	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
11.4	Absolute Viscosity at 60°/135^{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
11.5	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
11.6	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
11.7	Flash Pint	IS : 1209 (IS: 1448 P-69)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
11.8	Solubility Test	IS : 1216	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
(XII). MODIFIED BITUMEN (PMB 76E-10)																
12.1	Specific Gravity at 27^{0}C	IS : 2380 (P-4)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00
12.2	Softening Point (^{0}C)	IS : 1205	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
12.3	Seperation, Difference in Softening Point (0^{0}C)	IS : 15462: 2019	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
12.4	Elastic Recovery at 15^{0}C	IS : 15462: 2019	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XIII). Emulsion (SS-1)																
13.1	Viscosity @ 25^{0}C	IS : 8887:2004	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0
13.2	Water Content	IS : 8887:2004	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
13.3	Prime coat	IS : 8887:2004	3 test / Day	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XIV). Emulsion (RS-1)																
14.1	Viscosity @ 50^{0}C	IS : 8887:2004	1 Test Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0
14.2	Water Content	IS : 8887:2004	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0
14.3	Tack Coat	IS : 8887:2004	3 test / Day	0	0	0	0	0	0	0	0	0	0	0	0	0.00

THIRD PARTY TESTS (NABL ACCREDITED LABORATORY)																
(XV). Coarse Aggregates																
15.1	Gradation	IS : 2386 (P-1)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.2	FI & EI	IS : 2386 (P-1)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.3	Aggregate Impact Value	IS : 2386 (P-4)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.4	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.5	Water Absorption	IS : 2386 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.6	Deleterious Content	IS : 2386 (P-1)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.7	L.A.V.	IS : 2386 (P-4)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.8	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.9	Soundeness	IS : 2386(P-5)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
15.10	Petrographic Examination	IS : 2386 (P-8)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
15.11	Stone Polished Value	BS-812 (P-114)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
(XVI). Fine Aggregates																
16.1	Gradation	IS : 383	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.2	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.3	Water Absorption	IS : 2386 (P-3)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.4	Deleterious Content	IS : 2386 (P-1)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.5	Silt Content	IS : 2386 (P-4)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.6	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.7	Soundeness	IS : 2386(P-5)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.8	Organic Impurities	IS : 2386 (P-8)	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
16.9	Fineness Modulus	IS : 383	1 Test / Source	4	4	0	0	0	0	4	4	0	0	0	0	0.00
(XVII). TMT Bar's (Steel)																
17.1	Physical properties	IS : 1786	< 10mm - 1 sample/25 MT, 10-16mm-1sample/35 MT,	22	22	0	0	0	0	22	22	0	0	0	0	0.00
17.2	Chemical properties	IS : 1786	> 16mm - 1 sample/45 MT	22	22	0	0	0	0	22	22	0	0	0	0	0.00
(XVIII). Construction Water																
18.1	Suitability for construction	IS : 456	1 Test Per Source / As Required	1	1	0	0	0	0	1	1	0	0	0	0	0.00
(XIX). Chemical Admixture																
19.1	Physical & Chemical properties	IS : 9103	1 Test/ Per Lot	2	2	0	0	0	0	2	2	0	0	0	0	0.00
(XX). Cement (OPC-53 Grade)																
20.1	Physical & Chemical properties	IS : 8112	1 Test / Source	5	5	0	0	0	0	5	5	0	0	0	0	0.00
(XXI). Soil - Borrow Area																
21.1	Mechanical	IS : 2720 (P-39)	1 Test / Source	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXII). NP-4 Hume Pipe Test																
22.1	600 MM	IS : 458	1 test per Lot /of 50 Pipes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXIII). Bitumen (Emulsion)																
23.1	Bitumen Emulsion SS-1	IS : 8887	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
23.2	Bitumen Emulsion RS-1	IS : 8887	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXIV). Bitumen (VG-40)																
24.1	Bitumen VG-40	IS : 73	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXV). Bitumen (PMB)																
25.1	Bitumen PMB	IS : 15462-2019	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXVI). Curing Compound																
26.1	Physical & Chemical properties	ASTM C309	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXVII). Soil																
26.1	Direct Shear Test	IS : 2720 (P-13)	As per Source 1 Test/ As Required	3	3	0	0	0	0	3	3	0	0	0	0	0.00
26.2	SBC Test (by PLT)	IS : 1888-2021	As per Source 1 Test/ As Required	9	9	0	0	0	0	9	9	0	0	0	0	0.00
(XXVIII). GeoGrid																
27.1	GeoGrid	IS : 16474-2019	As per Source 1 Test/ As Required	3	3	0	0	0	0	3	3	0	0	0	0	0.00
(XXIX). HT Strand (LRPC)																
28.1	HT Strand (LRPC)	IS : 14268/2022	As per Source 1 Test/ As Required	1	1	0	0	0	0	1	1	0	0	0	0	0.00
(XXX). NDT (Rebound Hammer & UPV)																
29.1	NDT (Rebound Hammer)	IS : 516(P-5/Sec-4): 2020	As Required	4	4	0	0	0	0	2	2	0	0	0	0	0.00
29.2	NDT (UPV)	IS : 516(P-5/Sec-4): 2020	As Required	4	4	0	0	0	0	2	2	0	0	0	0	0.00

CHAPTER-11
CORRESPONDENCE

11.1 Outward Letter

Sr. No.	Letter No.	Date	Subject	To
1	MKCIL/ASSAM/PKG-06/1036	06.08.2026	Submission of Monthly Progress Report for the month of July-2026.	TL (AIPPL)
2	MKCIL/ASSAM/PKG-06/1040	10.08.2026	Resubmission of Revised Traffic Management Plan/Traffic Control Plan.	GM (NHIDCL)
3	MKCIL/ASSAM/PKG-06/1041	10.08.2026	Submission of Point-wise Compliance to NHIDCL Letter dated 30.07.2026 on Change of Scope Proposal.	TL (AIPPL)
4	MKCIL/ASSAM/PKG-06/1044	12.08.2026	Reminder: Non-Availability of Complete and Encumbrance-Free Right of Way (ROW) as per Article 10 and Clause 10.3 & 10.4". – Reg.	GM (NHIDCL)
5	MKCIL/ASSAM/PKG-06/1046	14.08.2026	Notification of force majeure event regarding thunderstorm and excessive rainfall in Sribhumi (Karimganj), Assam in terms of Clause28.2of Article 28 of concession agreement.	TL (AIPPL)
6	MKCIL/ASSAM/PKG-06/1050	19.08.2026	Maintenance and Repairing of Existing Highways.	GM (NHIDCL)
7	MKCIL/ASSAM/PKG-06/1051	20.08.2026	Submission of Point-wise Compliance on observation on Change of Scope Proposal.	TL (AIPPL)
8	MKCIL/ASSAM/PKG-06/1053	22.08.2026	Compliance against NCR No. 07/2026 – Non-Compliance with Approved Concrete Mix Design due to Variation in Concrete Admixture	TL (AIPPL)
9	MKCIL/ASSAM/PKG-06/1054	24.08.2026	Regarding Submission of Foundation & Substructure (A1-A2) D&D for AUP (COS) at Ch.104+450 (2x35+1x30).	TL (AIPPL)

11.2. Inward Letter AIPPL

Sr. No.	Letter No.	Date	Subject	To
1	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/552	04.08.2026	"Submission of Company Profile and Credentials of M/s Hexatron Industries Limited for Bitumen/PMB,	MKC-Pkg-06
2	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/553	10.08.2026	Regarding Submission of Monthly Progress Report for the Month of July 2026.	GM (NHIDCL)
3	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/554	12.08.2026	"Procurement and Stocking of Bituminous Material from Unapproved Source at Site - Submission of	MKC-Pkg-06
4	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/556	14.08.2026	Regarding Compliances of Observations on Plan & Profile as Per Contract Agreement.	MKC-Pkg-06
5	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/559	20.08.2026	Submission of Additional Clarifications/Supporting Documents in Compliance with the Observations of the Authority on Change of Scope (COS) Proposals - Reg.	MKC-Pkg-06
6	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/560	21.08.2026	Reply to Concessionaire's Submission of Compliance and Clarifications against IE Observations in MPR (July-2026).	MKC-Pkg-06
7	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/561	21.08.2026	"Clarification on Repeated Claims Regarding Non-Availability of Encumbrance-Free Right of Way (RoW)	MKC-Pkg-06
8	AIPPL-	22.08.2026	Review of maintenance and repairing of existing Project	MKC-Pkg-

	AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/564		Highway and present site condition - reg.	06
9	AIPPL-AYOLEEZA/IE/NHIDCL/Karimganj/PKG-06/567	31.08.2026	Return of Submission vide Concessionaire Letter No. 1051 dated 20.08.2026 for Rectification and Resubmission of Compliance/Documents in respect of Change of Scope (COS) Proposals - Reg.	MKC-Pkg-06

11.3. In**ward Letter NHIDCL**

Sr. No.	Letter No.	Date	Subject	To
1	NHIDCL/PMU-Karimganj/MKC/ADC/CALA/2026-27/894	04.08.2026	Forwarding of request for joint verification of structure at Village Maligaon, Ch. 88+950 (RHS) - reg.	ADC CALA
2	NHIDCL/PMU-Karimganj/Sriram/2026-27/895	04.08.2026	Conduct of Modulus Validation Tests for Reinforced WMM Layer (RWMM) - Package-VIreg.	"Director Sriram Institute for Industrial Research Delhi, India
3	NHIDCL/PMU-Karimganj/JAIMAN/MKC/Pkg-06/2026-27/ 897	05.08.2026	Forwarding of Inception Report submitted by Safety Consultant - reg.	MKC-Pkg-06
4	NHIDCL/PMU-Karimganj/IE/2025-26/903	06.08.2026	Reminder regarding Mobilization of Intermittent Sub Professional Staff at the Project Site - Reg.	MKC-Pkg-06
5	NHIDCL/PMU-Karimganj/JAIMAN/Pkg-06/2026-27/ 910	08.08.2026	Forwarding of 1st Draft Construction Stage Road Safety Audit Report submitted by the Safety Consultant -reg.	1) MKC-Pkg-06 2) I.E (AIPPL)
6	NHIDCL/PMU-Karimganj/MKC/IGGL/Pkg-6/2026-27/922	19.08.2026	Regarding issuance of NOC for existing gas pipeline crossing at Project NH Ch. 89+568 and NH Ch. 106+306 -reg.	Chief Operating Officer (IGGL)

CHAPTER-12

Force Majeures

Sr. No.	Letter No.	Date	Subject	To

CHAPTER-13

NON-CONFORMANCE REPORT

Sr. No.	NCR No.	Description	Letter No.	Date	Status	Remarks
1	NCR No. 1	Non-Compliance with Approved Concrete Mix Design- Variations in Concrete Admixtures.	AIPPL/AYOLEEZA/IE/NHIDCL/Karimganj /PKG-06/243	19.12.2025	Closed	AIPPL Letter No. 540 /dt-14.07.2026
2	NCR No. 2	Item of Work: Reinforced Earth (RE) Wall - Block Erection & Backfilling Works. Chainage 92+100 To 92+220 LHS & 88+700 To 88+810 RHS.	AIPPL/AYOLEEZA/IE/NHIDCL/Karimganj /PKG-06/263	03.01.2026	Pending	
3	NCR No. 3	For the use of unapproved TMT Reinforcement steel at the site. Location / Chainage: 98+770 to 98+820 (LHS) Structure / Item of Work: TOE WALL.	AIPPL/AYOLEEZA/IE/NHIDCL/Karimganj /PKG-06/264	03.01.2026	Closed	AIPPL Letter No. 487 /dt-21.05.2026
4	NCR No. 4	For the Use of Unapproved TMT Reinforcement Steel at the Site. Location/Chainage: Ch. 98+267, LHS & 92+745 RHS Structure / Item of Work: Minor Bridge - MNB Raft (Main Bars: Vertical & Binders)	AIPPL/AYOLEEZA/IE/NHIDCL/Karimganj /PKG-06/273	07.01.2026	Closed	AIPPL Letter No. 488 /dt-21.05.2026
5	NCR No. 5	" For the use of Unapproved TMT Reinforcement Steel at the Site. Location/ Chainage: 98+300 to 98+350 (LHS).	AIPPL/AYOLEEZA/IE/NHIDCL/Karimganj /PKG06/279	09.01.2026	Closed	AIPPL Letter No. 489 /dt-21.05.2026
6	NCR No. 6	Item of Work: Reinforced Earth (RE) Wall - Block Erection & Backfilling Works. Reinforced Earth (RE Block) Wall - Backfilling & Geogrid Placement CH Km 88+800 to 88+880 (RHS) (13th Layer).	AIPPL/AYOLEEZA/IE/NHIDCL/Karimganj /PKG06/285	09.01.2026	Pending	
7	NCR No. 7	Non-Compliance with Approved Concrete Mix Design- Variations in Concrete Admixtures, Precast Crash Barrier & Friction Slab – M-40 Grade Concrete.	AIPPL/AYOLEEZA/IE/NHIDCL/Karimganj /PKG06/288	12.01.2026	Partially Closed	AIPPL Letter No. 568 /dt-01.09.2026
8	NCR No. 8	Precast Crash barrier/friction slab concrete elements – Surface Finish & Repair Works Location / Chainage: Ch. 95+350 RHS, 97+550 RHS.	AIPPL/AYOLEEZA/IE/NHIDCL/Karimganj /PKG06/289	12.01.2026	Closed	AIPPL Letter No. 513 dt-24.06.2026
9	NCR No. 9	Filter Media for RE Wall Backfilling Location & Chainage: Ch.88+886, 92+248 & 94+625 (LVUP).	AIPPL/AYOLEEZA/IE/NHIDCL/Karimganj /PKG06/291	13.01.2026	Pending	
10	NCR No. 10	NCR No. 10/2026 Non-Compliance in Casting of RCC Hume Pipes (600- & 1200-mm Dia NP4) at casting yard Ch No-95+100 (RHS) Borrow Area – Casting Without Approved Concrete Mix Design, Without Contractual Compliance and Using Site-Mixed Concrete at Casting.	AIPPL/AYOLEEZA/IE/NHIDCL/Karimganj /PKG-06/300	22.01.2026	Pending	
11	NCR No. 11	Non-Conformance Report (NCR)No.11/2026 – Improper Compaction of Reinforced Fill behind RE Wall	AIPPL/AYOLEEZA/IE/NHIDCL/Karimganj /PKG-06/397	14.03.2026	Pending	

CHAPTER-14

WEATHER REPORT

Sl no.	Date	Temperature (In Oc)				Humidity (In %)	
		Minimum	Maximum	Minimum	Maximum		
1	01-08-26	27.8	30.9	71.0	82.0	25.2	Sunny/Rainy
2	02-08-26	28.6	31.2	83.0	98.0	44.0	Sunny/Rainy
3	03-08-26	27.7	30.8	80.0	96.0	23.8	Sunny/Rainy
4	04-08-26	26.9	29.8	84.0	97.0	19.0	Sunny/Rainy
5	05-08-26	27.9	30.5	86.0	96.0	16.6	Sunny/Rainy
6	06-08-26	28.1	31.0	81.0	97.0	28.0	Sunny/Rainy
7	07-08-26	28.6	30.8	82.0	91.0	0.0	Sunny/Cloudy
8	08-08-26	27.9	29.6	84.0	97.0	25.0	Sunny/Rainy
9	09-08-26	28.6	31.8	76.0	90.0	18.4	Sunny/Rainy
10	10-08-26	29.0	31.4	76.0	88.0	9.0	Sunny/Rainy
11	11-08-26	24.4	33.1	71.0	84.0	39.6	Sunny/Rainy
12	12-08-26	28.8	31.8	75.0	83.0	0.0	Sunny
13	13-08-26	29.1	32.6	78.0	90.0	25.0	Sunny/Rainy
14	14-08-26	29.8	32.8	76.0	87.0	47.0	Sunny/Rainy
15	15-08-26	28.7	33.1	77.0	85.0	14.0	Sunny/Rainy
16	16-08-26	28.3	31.8	89.0	96.0	20.2	Sunny/Rainy
17	17-08-26	28.9	31.6	85.0	97.0	27.0	Sunny/Rainy
18	18-08-26	29.3	32.1	82.0	91.0	0.0	Sunny/Cloudy
19	19-08-26	28.2	30.9	80.0	90.0	29.8	Sunny/Rainy
20	20-08-26	29	33.1	75.0	91.0	128.0	Sunny/Rainy
21	21-08-26	28.9	31.6	81.0	93.0	72.5	Sunny/Rainy
22	22-08-26	29.1	33.2	74.0	90.0	53.0	Sunny/Rainy
23	23-08-26	28.9	31.8	81.0	93.0	19.0	Sunny/Rainy
24	24-08-26	28	30.9	81.0	89.0	24.2	Sunny/Rainy
25	25-08-26	28.90	31.80	85.00	97.00	31.0	Sunny/Rainy
26	26-08-26	29.20	30.90	83.00	93.00	0.0	Sunny/Cloudy
27	27-08-26	28.60	30.20	87.00	98.00	22.4	Sunny/Rainy
28	28-08-26	28.30	32.90	81.00	92.00	64.0	Sunny/Rainy
29	29-08-26	29.20	33.10	77.00	88.00	0.0	Sunny/Rainy
30	30-08-26	28.90	32.80	82.00	91.00	28.6	Sunny/Rainy
31	31-08-26	27.20	30.40	80.00	89.00	98.0	Sunny/Rainy

Rainfall Data					
SN	**Description**	**Total Rainfall(mm)**	**Up to previous month(mm)**	**This month(mm)**	**Remark**
1	Rainfall	9063.8	8111.5	952.3	

The maximum & minimum weather records are summarized below:

TEMPERATURE/ RAINFALL PERIOD: 1st August, 2026 to 31st August, 2026				
Temperature		**Rainfall**		
Maximum (in ^{0} C)	**Minimum (in ^{0} C)**	**Maximum (in mm)**	**Minimum (in mm)**	**Total Days**
33.2	24.4	128.0	9	26

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



Ch. 98+600 RHS Pvd work in progress



ADC mam Site visit with regarding- eviction drive plan



ADC mam Site visit with regarding- eviction drive plan



Ch :- 90+600 RHS Sampling of WMM Material (Site Sample)



Ch :- 90+600 RHS Sampling of WMM Material (Site Sample)



Ch.no 105+378 mnb A2 side rhs retaining wall work in progresss



Ch.88+190 to 88+210 RHS Retaining wall 5th lift concrete pouring work in progress



Ch. 106+258 MNB Top Slab Concrete Work in progress



Ch. 105+378 LHS MNB Top slab concrete pouring



ch-97+550 Boundary wall post and panel work is in progress



Ch.87+794 RHS MNB Crash barrier concrete pouring work in progress