4-L of NH 37 from design Ch 0+000 on NH-8 near Karimganj to design Chainage 14+250 near Sutarkandi (Spur Connectivity to Indo/Bangladesh Border) Silchar-Churaibari Pkg-7 in the State of Assam on HAM mode.

Monthly Progress Report

September - 2025

Authority	NHIDCL BUILDING INFRASTRUCTURE - BUILDING THE NATION	National Highways Infrastructure Development Corporation Limited
Independent Engineer	TASPL	M/s Technocrafts Advisory Services Private Limited in association with M/s MAV Associates LLP
Concessionaire	MKC Since-1963	MKC Badarpur Churaibari Kamakhya (PKG-7) Highways Pvt. Ltd.

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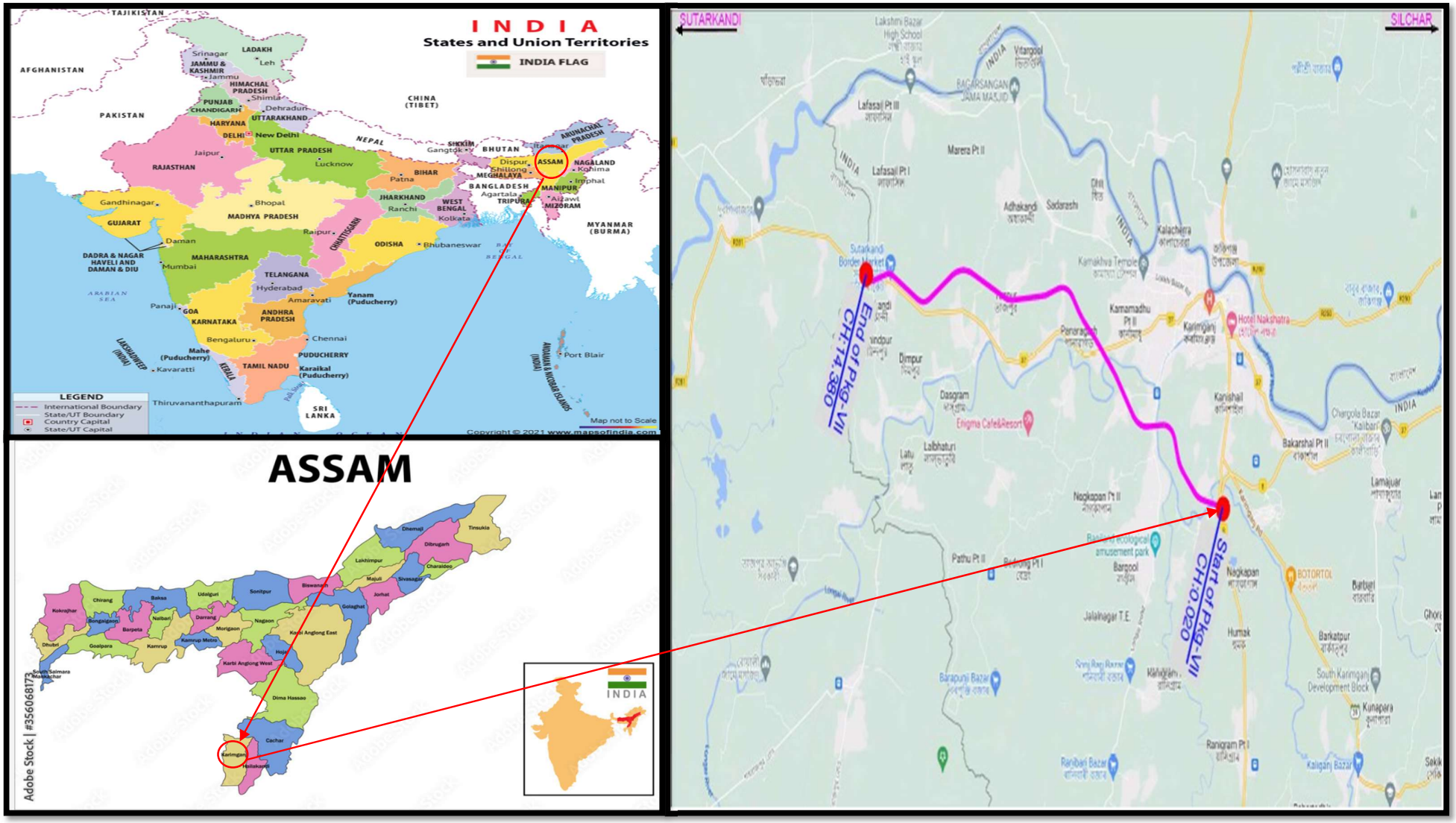
4-L of NH 37 from design Ch 0+000 on NH-8 near Karimganj to design Chainage 14+250 near Sutarkandi (Spur Connectivity to Indo/Bangladesh Border) Silchar-Churaibari Pkg-7 in the State of Assam on HAM mode.

PROJECT ROAD LOCATION MAP / INDEX MAP



4-L of NH 37 from design Ch 0+000 on NH-8 near Karimganj to design Chainage 14+250 near Sutarkandi (Spur Connectivity to Indo/Bangladesh Border) Silchar-Churaibari Pkg-7 in the State of Assam on HAM mode.

EXECUTIVE SUMMARY

The Concessionaire has signed the Concession Agreement with National Highway Infrastructure Development Corporation Limited (NHIDCL) on dated September 17, 2024. This Executive Summary presents the works progress of the Project Highway during the construction period from February 28, 2025 to February 27, 2027.

1. **The Project Road:**

   4-L of NH 37 from design Ch 0+000 on NH-8 near Karimganj to design Chainage 14+250 near Sutarkandi (Spur Connectivity to Indo/Bangladesh Border) Silchar-Churaibari Pkg-7 in the State of Assam on HAM mode.

2. **Mobilization:**

   The Concessionaire has mobilized the required Engineers/ Staff Personnel, Machineries/Equipment's, Plants and established main Base Camp at CH: - 5+600 LHS (Darakona).

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

3. **Pre-Construction Activity:**

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

4. **EPC Contractor:**

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

5.Design and Drawing

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

Sr. No.	Description	UoM	Scope	Submitted	Approved	Balance	Remarks
1.	Plan & Profile (MCW)	Km.	14.380	14.380	2.38	12.00	Patially approved only 2.380 kms
2.	Plan & Profile (SR)	Km.	4.16	4.16	0.00	4.16	
3.	RE Wall	SqM.	24984	0.00	0.00	0.000	
4.	ROB	Nos.	1.00	1.0	1.00	0.00	

5.	**Major Bridge**	**Nos.**	**3.00**	**2.00**	**0.00**	**0.00**	
6.	**Minor Bridge**	**Nos.**	**8.00**	**6.00**	**0.00**	**6.00**	
7.	**Underpasses**	**Nos.**	**16.00**	**13.00**	**12.00**	**1.00**	
8.	**Culvert**	**Nos.**	**32.00**	**30.00**	**25.00**	**5.00**	

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-07/162, dated 17.04.2025 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-07/139 on dated 07.04.2025. 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 February 28, 2025, the Scheduled completion Date shall occur on February 27, 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 11.510 km. are subjected to following:

a) Stretches/ Hindered Free Land 11.51 Km out of 14.36 Km:

Stretches/ Hindered Free Land				Encumbrances/ Hindered Land		
Sr. No.	**Side**	**Length (Km)**	**%**	**Side**	**Length (Km)**	**%**
1.	BHS	11.510	80.20%	BHS	2.850	19.80%

b) Hindered due to Tree Cutting:

Description	Total Nos.	Impacted Length (km)	Remarks
Total Trees	407	7.0	

c) Encumbrances due to Religious Structure:

Sr. No.	Types	Chainage	Side	Remarks
1.	Small Temple	2+750	RHS	
2.	Temple	4+150	LHS	
3.	Kabristan	4+300	BHS	
4.	Masjid	4+500	BHS	
5.	Kabristan	7+300	BHS	

d) Details of Hidered Land:

DETAILS OF ENCUMBRANCES WITHIN ROW					
Sr. No	**Chainage**		**Side**	**Total Length (KM)**	**Description**
	From	**To**			
1	0+300	0+450	BHS	150.00	Brick Industry
2	2+600	3+000	BHS	400.00	Residential Houses
3	3+450	4+500	BHS	1050.00	Assam Type House Shade
4	5+300	5+650	BHS	350.00	Assam Type residential houses
5	6+500	6+600	BHS	100.00	RCC &Assam Type Houses
6	7+200	7+300	BHS	100.00	Assam/RCC Type Houses
7	9+100	9+400	BHS	300.00	Assam Type residential houses
8	10+700	10+800	BHS	100.00	Assam Type residential houses
9	10+850	10+900	BHS	50.00	Assam Type residential houses

10	11+250	11+400	BHS	150.00	Assam Type residential houses
11	11+900	12+300	BHS	400.00	Assam Type residential houses
12	12+400	14+000	BHS	1600.00	Assam Type residential houses
Total Hindered Length				**4750.00**	

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 67% of the land is currently free from encumbrances.

b) **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.

c) **Approval of Material Source:-** Approval from the Independent Engineer is still pending for the proposed material sources, including aggregates, admixtures, cement, and GFRP bars.

CHAPTER-1

INTRODUCTION

General

The NHIDCL proposes to implement the development, maintenance, and management of the Spur from NH-8 near Karimganj to Sutarkandi (India-Bangladesh border) Km. 0.020 to Km. 14.380 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 1st, 2023.

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

Project Overview

As described earlier the project road is a spur to NH-8 near Karimganj and ends at Sutarkandi. The proposed alignment passes through Karimganj district in the state of Assam connecting villages Karimganj, Fakirabazar, Jarpata and Sutarkandi.

CHAPTER-2

CONTRACT DATA

Sr. No.	Items	Description
1.	**Name of Project**	4-L of NH 37 from design Ch 0+000 on NH-8 near Karimganj to design Chainage 14+250 near Sutarkandi (Spur Connectivity to Indo/Bangladesh Border) Silchar-Churaibari Pkg-7 in the State of Assam on HAM mode.
2.	**Project Length**	14.250 km
3.	**Project Bid Cost**	380.26 Cr.
4.	**Authority**	National Highways & Infrastructure Development Corporation Limited
5.	**Independent Engineer**	M/s Technocrats Advisory Services Private Limited in association with M/s MAV Associates LLP
6.	**Concessionaire**	MKC Badarpur Churaibari Kamakhya (PKG-7) 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/ Assam/ NH-37/ Sil-Churai/ Pkg-VII/ 233357/ 3087 dated 11.03.2024
10.	**Date of Concession Agreement**	September 17, 2024
11.	**Appointed Date**	February 28, 2025
12.	**Construction Period**	730 days (from Appointed Date) [24-Months]
13.	**Schedule Completion Date**	February 27, 2027
14.	**O&M Period**	15 Years from the date of COD

14	**Project Milestone**	
	Milestone- I	The Project Milestone-I shall occur on the date falling on the 256th (two hundred and fifty sixth) day from the Appointed Date **(i.e., November 11, 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 12, 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 10, 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., February 27, 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.	Pavement Composition in mm.						
	From	To		Sub-Grade	R-GSB	R-WMM	DBM	BC	DLC	PQC
MCW	00+020	12+900	12.880	500.00	200.00	190.00	50.00	30.00	-	-
	12+900	14+380	1.480	500.00	150	-	-	-	150	180
				Sub-Grade	GSB	R-WMM	BC	-		
Service Road				500.00	200.00	185.00	30.00	-		

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

Sr. No.	Description		Unit	As per CA	Remarks
1.	Railway over Bridge	New Construction	Nos.	1	
2.	Major Bridge	New Construction	Nos.	3	
3.	Minor Bridge	New Construction	Nos.	7	
		Reconstruction	Nos.	1	
4.	VUP	New Construction	Nos.	2	
5.	LVUP	New Construction	Nos.	9	
6.	SVUP	New Construction	Nos.	1	
7.	Box Underpass	New Construction	Nos.	4	
8.	Box Culvert	New Construction	Nos.	28	
		Reconstruction	Nos.	4	
9.	Hume Pipe Culvert	New Construction	Nos.	20	
10.	Bus Bay		Nos.	2	
11.	Major Junction		Nos.	2	
12.	Minor Junction		Nos.	4	
13.	W-beam Single faced metal crash barrier		Rmt.	17602	
14.	Drain (covered)		Rmt.	2960	

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 1- ROB, 3- Major Bridge, 8- Minor Bridge, 16- Underpasses, 52- Culverts.
- Construction of Slip Road of 4.16 Km

4.2 Project Facilities

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

a) Toll Plaza
b) Roadside Furniture
  i. Kilometer and Hectometer Stones
  ii. Traffic Signs
  iii. Overhead Sign
  iv. Road Marking
  v. Road Delineators
  vi. Reflective Pavement Markers & Solar Studs
  vii. Traffic Impact Attenuators
  viii. Boundary wall and Fencing
c) Operation and Maintenance centres
d) Way side Amenities/ Service Areas
e) Truck Lay-byes
f) Bus Bay and Bus Shelter
g) 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	Done	MKCIL/ASSAM/PKG-07/261
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	Done	Partially Mobilized
5	Clause 10.3	Joint Memorandum	Done	

Obligations of Concessionaire-

Sr. No.	Clause No.	Obligation	Status	Remark/ Reference
1	Clause 9.1	Performance Security	Done	
2	Article 11	Shifting and Relocation Electrical Utilities	In Progress	
3	Article 26	Insurance	Done	
4	Clause 4.1.3 (Schedule-E)	Applicable Permits	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	N/A	
9		Labour Licence	Done	
10	Clause 12.1	Quality Assurance Plan	Done	MKCIL/ASSAM/PKG-07/139 dt. 07.04.2025
11		Construction Methodology	Done	MKCIL/ASSAM/PKG-07/150 dt. 14.04.2025

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	Nos.	Remarks
1.	HT/LT Lines (including Transformer if any)	Nos.	88.00	In progress
2.	HT/ LT crossing	Nos.	65.00	In progress
3.	Water Pipelines	Kms	4.00	In progress
4.	Water Pipeline Crossing	Nos.	14.00	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	407.00	
2.	Total Felling of Trees	47.00	
3.	Balance Trees	360.00	

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 28th of February ,2025.

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

HINDRANCE LIST – CHAINAGE WISE DETAILS

DETAILS OF ENCUMBRANCES WITHIN ROW					
Sr. No	Chainage		Side	Total Length (KM)	Description
	From	To			
1	0+300	0+450	BHS	150.00	Brick Industry
2	2+600	3+000	BHS	400.00	Residential Houses
3	3+450	4+500	BHS	1050.00	Assam Type House Shade
4	5+300	5+650	BHS	350.00	Assam Type residential houses
5	6+500	6+600	BHS	100.00	RCC &Assam Type Houses

6	7+200	7+300	BHS	100.00	Assam/RCC Type Houses
7	9+100	9+400	BHS	300.00	Assam Type residential houses
8	10+700	10+800	BHS	100.00	Assam Type residential houses
9	10+850	10+900	BHS	50.00	Assam Type residential houses
10	11+250	11+400	BHS	150.00	Assam Type residential houses
11	11+900	12+300	BHS	400.00	Assam Type residential houses
12	12+400	14+000	BHS	1600.00	Assam Type residential houses
Total Hindered Length				**4750.00**	

CHAPTER -6

MOBILIZATION

6.1 Manpower Mobilization of Concessionaire

Sr. No.	Name of Employee	Designation	Department
1	Satish Kumar Pandey	Sr. GM	HQ
2	Manoj Kumar Singh	Sr. Project Manager	Project
3	Ashish Kumar Pandey	Project Manager	Project
4	Dhirendra Thapa	Asst. Manager	HR/Admin
5	Saurabh Kumar	Sr. Executive	HR/Admin
6	Manoj Kumar Dixit	Executive	HR/Admin
7	Golu Meena	Supervisor (Mess)	HR/Admin
8	Shyam babu Singh	Manager	Liaison
9	Deepak Sharma	Executive	Liaison
10	Jagdish Pandey	Asst. Manager	Billing & Planning
11	Ranjan Akash Jha	Sr. Engineer	Billing & Planning
12	Surajit Samanta	Engineer	Billing & Planning
13	Santosh Singh	Dy. Manager	Structure
14	Vageesh Tripathi	Senior Engineer	Structure
15	Ranjan Kumar	Senior Engineer	Structure
16	Souvik Paul	Engineer	Structure
17	Deepak Chauhan	Engineer	Structure
18	Sujit Kumar Ray	Sr. Supervisor	Structure
19	Ankit Chaurasia	Supervisor	Structure
20	Narayan Kumar	Supervisor	Structure
21	Ankit Solanki	Supervisor	Structure
22	Avneesh Kumar Pandey	Dy. Manager	Highway
23	Samarjeet Singh	Engineer	Highway
24	Rishab Pal	Senior Engineer	Highway
25	Tapas Basak	Engineer	Highway
26	Arya Yadav	Engineer	Highway
27	Subhash Kumar	Jr. Engineer	Highway
28	Jay Prakash Singh	Senior Supervisor	Highway
29	Anmol	Supervisor	Highway
30	Md. Mohbub Ahmed	Supervisor	Highway
31	Imrat Ahirwar	Supervisor	Highway
32	Yogendra Rai	Supervisor	Highway
33	Ratan Thakur	Supervisor	Highway
34	Krishna Singh	Supervisor	Highway
35	Chandrakant	Supervisor	Highway
36	Ashish Koley	Dy. Manager	Survey
37	Jayanta Mallick	Sr. Surveyor	Survey
38	Koushik Rout	Sr. Surveyor	Survey
39	Ram Poojan	Surveyor	Survey
40	Amit Singh	Surveyor	Survey
41	Subrata Dinda	Sr. Manager	P & M
42	Amit Bhaduria	Executive	P & M
43	Ramkaran Sahu	Engineer	P & M
44	Deepak Thakur	Executive	P & M
45	Amit Tiwari	Supervisor	P & M
46	Indrajit Majumder	Supervisor	P & M
47	Prabhakar Kumar	Jr. Engineer	P & M
48	Subham Kar	Supervisor	P & M
49	Surajit Das	Asst. Manager	Store

50	Amit Sikarwar	Sr. Executive	Store
51	Deepak Purty	Jr. Executive	Store
52	Sujeet Sharma	Supervisor	Store
53	Sumanta Datta	Supervisor	Store
54	Milan Samanta	Supervisor	Store
55	Ravi Shankar Tripathi	Sr. Manager	QA/QC
56	Ranjan Kumar	Engineer	QA/QC
57	Sujay De Sarkar	Engineer	QA/QC
58	Subham Singh	Asst. Engineer	QA/QC
59	Daya Shankar	Lab Tech.	QA/QC
60	Ramprakash Mishra	Lab Tech.	QA/QC
61	Karan Kumar	Lab Tech.	QA/QC
62	Amit Pathak	Lab Tech.	QA/QC
63	Pankaj Baser	Jr. Engineer	Electrical
64	Kapil Sharma	Executive	Accounts

CHAPTER-7

DEPLOYMENT OF PLANTS AND EQUIPMENT / PROJECT SET UP PLAN

7.1 Plants and Equipment Deployed

S.no	Equipment type	UNIT	QTY	Remarks
1	LMV	Nos.	7	
2	TIPPER	Nos.	28	
3	MOBILE CRANE	Nos.	2	
4	SOIL COMPACTOR	Nos.	5	
5	EXCAVATOR	Nos.	10	
6	BACK HOE LOADER	Nos.	4	
7	DIESEL DISPENCER	Nos.	2	
8	TRANSIT MIXER	Nos.	10	
9	TRACTOR	Nos.	2	
10	GRADER	Nos.	3	
11	BABY ROLLER	Nos.	1	
12	HM PLANT	Nos.	1	
13	BATCHING PLANT	Nos.	1	
14	RE BLOCK PLANT	Nos.	1	
15	DG	Nos.	2	
16	TRAILER	Nos.	1	
17	CRUSHER	Nos.	1	
18	WATER TANKER	Nos.	1	
19	LOADER	Nos.	1	

CHAPTER-8

DESIGN AND DRAWING

The project highway has been designed for four lane divided carriageway facility with provision of central raised median of 1.6m. The Concession Agreement envisages design of the project highway by the Concessionaire. The scope of design includes the design for road works, structure works and other project facilities. The drawings need to be prepared and approved for execution of each component of the project highway.

8.1 Design

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

8.2 Drawings

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

8.3 Status of Approval of Drawings

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

Road Works

S N	Description	Unit	Total	Submitted	Approval	Balance	Remarks
1.	Plan & Profile MCW	Km	14.360	14.360	2.380	12.000	
2.	Plan & Profile SR	Km	4.164	4.164	0.000	0.000	
3.	Typical Cross Section	Nos	1.00	1.00	0.00	0.00	
4.	Pavement Design Report	Nos	1.00	1.00	1.00	0.00	
5.	RE Wall	Nos	20820.00	-	-	-	
6.	Major Junction	Nos	2.00	-	-	-	
7.	Minor Junction	Nos	4.00	-	-	-	
8.	Bus Bay Drawing	Nos	2.00	-	-	-	
9.	Road Signage Plan	Km	14.360	-	-	-	

Structure Works:-

Structure				
Description	**Total Nos**	**Submitted**	**Approved**	**Balance**
Box Underpass	4	4	4	0.00
SVUP	1	1	0	1.00
LVUP	9	8	8	0.00
VUP	2	0	0	0.00
MNB	8	6	1	5.00
MJB	3	2	0	2.00
ROB	1	1	1	0.00
Box Culvert	32	30	29	5.00

CHAPTER-9

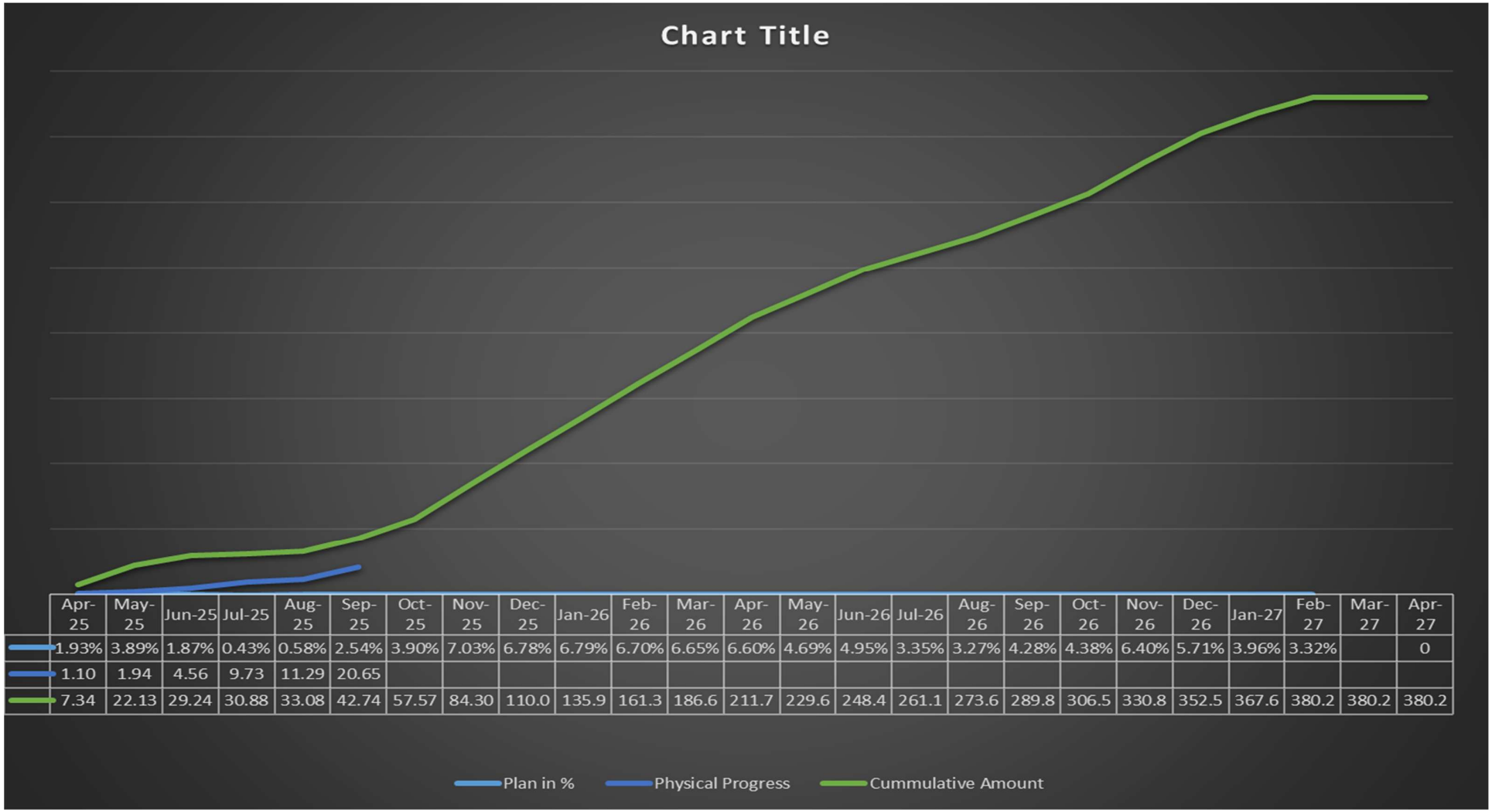
PROJECT WORK PROGRESS

9.1 Work Progress:

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

Item	Stage for measurement of Physical Progress	Unit	Qty.	Weightage in percantage to the contract price	Physical Progress	% of Physical Progress	Value of Physical Progress
Road works including culverts, minor bridges, underpasses, overpasses, approaches to ROB/RUB/ Major Bridges/ Structures (but excluding service roads)	**A - Widening and strengthening of existing road**						
	(1) Earthwork upto top of Sub-grade	L-Km	3.27	0.46%	1.00	31%	0.14%
	(2) Granular work (Sub-base, base,shoulder)						
	(a) GSB	L-Km	3.27	0.43%	1.00	31%	0.13%
	(b) WMM	L-Km	0.34	0.03%			
	(3) Shoulders	L-Km	0.34	0.01%			
	(4) Bituminous Work						
	(a) DBM	L-Km	0.34	0.06%			
	(b) BC	L-Km	0.34	0.02%			
	(5) Rigid Pavement						
	Concrete Work	L-Km	2.93	1.55%			
			Sub Total-A				
	B- New 4 Lane Realignment/Bypass						
	(1) Earthwork upto top of Sub-grade	L-Km	23.77	26.87%			
	(2) Granular work (Sub-base, base,shoulder)						
	(a) GSB	L-Km	23.77	4.07%			
	(b) WMM	L-Km	23.77	2.76%			
	(3) Shoulder	L-Km	23.77	0.67%			
	(4) Bituminous Work						
	(a) DBM	L-Km	23.77	1.78%			
	(b) BC	L-Km	23.77	1.15%			
			Sub Total-B				
	C- New Culverts, Minor Bridges, underpasses, overpasses on existing road, realignment, bypasses:						
	1) Culverts	No.	64.00	4.55%	4.00	6%	0.28%
	2) Minor Bridge						
	a) Foundation	No.	22.00	2.76%	2.00	9%	0.25%
	b) Sub-Structure	No.	22.00	1.27%	2.00	9%	0.12%
	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.	6.00	0.72%			
	c-ii) Slab - after Completion of Slab (60%)	No.	16.00	1.07%			
	5) Grade Separated Structures						
	a) Underpasses (Box Underpass, SVUP, LVUP, VUP)						
	i) Foundation	No.	38.00	5.31%	14.00	37%	1.96%
	ii) Sub-Structure	No.	38.00	3.61%	8.00	21%	0.76%
	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.**						
	- Girder Type - Precast Girder (40%)	No.	6.00	1.41%			
	- Girder Type - Cast in situ superstructure (60%)	No.	32.00	2.12%	8.00	25%	0.53%
Major Bridge works and ROB/RUB	**C- New Major Bridges**						
	(1)Foundation						
	(b) Pile Foundation / Well Foundation	No.	24.00	5.91%			
	(2) Sub-structure	No.	24.00	1.61%			
	(3)Super-structure (including crash barriers 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.**						
	-Super-structure - Precast Girder (40%)	No.	18.00	1.09%			
	-Super-structure - Cast in situ superstructure (60%)	No.	18.00	1.64%			
	D- New rail-road bridges						
	(a) ROB						
	(1)Foundation	No.	10.00	2.50%			
	(2) Sub-structure	No.	10.00	1.06%			
	(3)Super-structure (including crash barriers 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.**						
	-Super-structure - Precast Girder (40%)	No.	8.00	0.90%			
	-Super-structure - Cast in situ superstructure (60%)	No.	8.00	1.34%			
			Sub Total-C				
Structures (Elevated Section, Reinforced earth)	**4) Reinforced Earth Wall (includes Approaches of ROB,Underpasses, Over passes, Flyover etc.)**						
	i) Re Block Casting (5%)	Sq.m	24,984.00	0.03%			
	ii) Re Block Erection (95%)	Sq.m	24,984.00	0.63%			
Electrical and Public Health Utilities	**UTILITY SHIFTING**						
	HT/LT lines (including Transformers if any)	Km	4.36	0.04%			
	HT/LT crossings	No.	65.00	1.03%			
	Water pipeline	Km	4.65	0.03%			
	Water pipeline crossings	No.	14.00	0.06%			
Other Works	**OTHER WORKS**						
	i) Service Road / Slip Road	L-Km	4.164	1.78%			
	iii) Road Side Drain	L-Km	2.96	0.44%	0.50	17%	0.07%
	iv) - Road signs,markings, Km Stone, Safety devices						
	(a) Road signs, markings, Km Stone	L-Km	14.36	0.30%			
	(b) Concrete Crash Barrier/W Beam Crash Barrier in Road work	L-Km	30.96	2.42%			
	v) - Project Facilities						
	(a) Bus bay	No.	2.00	0.08%			
	viii) Protection Work						
	(a) Boulder Pitching on Slope / Slope Protection Work	L-Km	4.32	2.32%			
	(b) Precast Toe Wall / Retaining Wall	L-Km	13.81	10.94%	1.50	11%	1.19%
	x) Miscellaneous						
	(a) Street Lightning	No.	188.00	0.09%			
	(b) Junction/Interchange	No.	6.00	0.18%			
	(c) Precast Boundary Wall	L-Km	27.04	0.42%			
	(d) ATMS, HTMS, Traffic Aid Posts, Medical aid Posts, Vehicle Recue Posts, Telecom System	L-Km	28.72	0.34%			
	(e) Rain Water Harvesting	No.	28.00	0.17%			
			Grand Total >>>	**100.00%**			**5.43%**

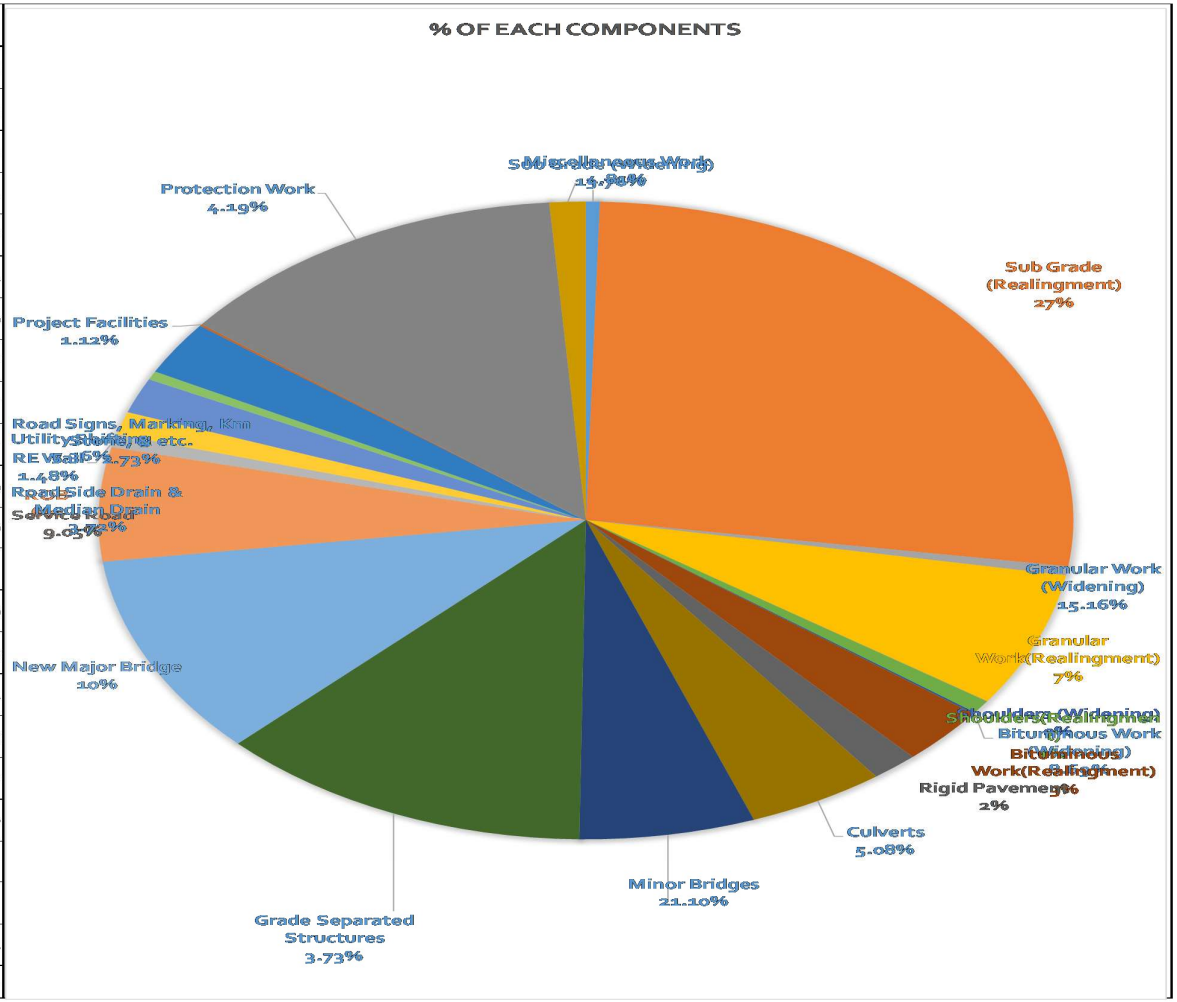
9.2 S Curve



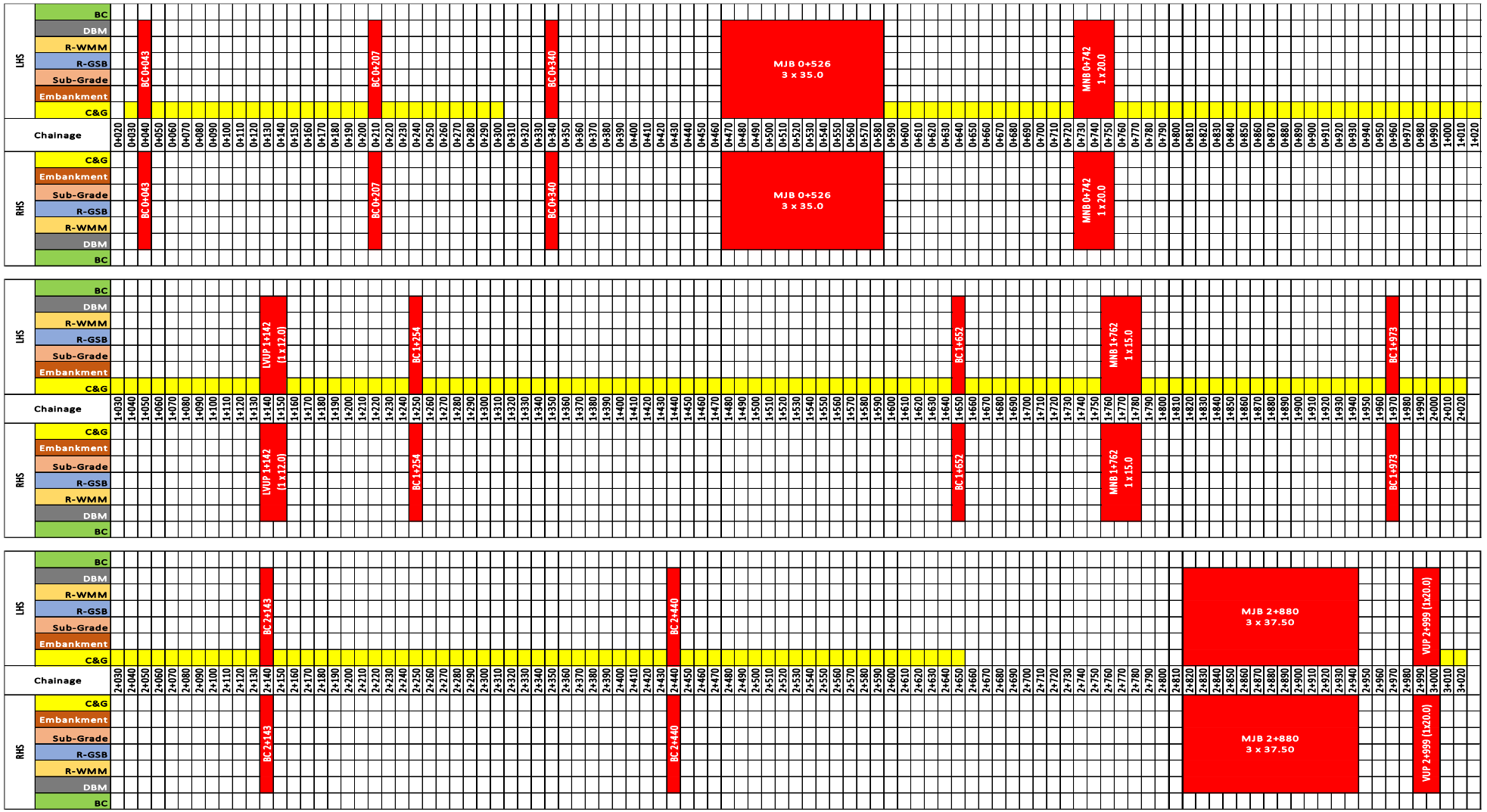
	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27
Plan in %	1.93%	3.89%	1.87%	0.43%	0.58%	2.54%	3.90%	7.03%	6.78%	6.79%	6.70%	6.65%	6.60%	4.69%	4.95%	3.35%	3.27%	4.28%	4.38%	6.40%	5.71%	3.96%	3.32%		0
Physical Progress	1.10	1.94	4.56	9.73	11.29	20.65																			
Cummulative Amount	7.34	22.13	29.24	30.88	33.08	42.74	57.57	84.30	110.0	135.9	161.3	186.6	211.7	229.6	248.4	261.1	273.6	289.8	306.5	330.8	352.5	367.6	380.2	380.2	380.2

9.3 Weightages

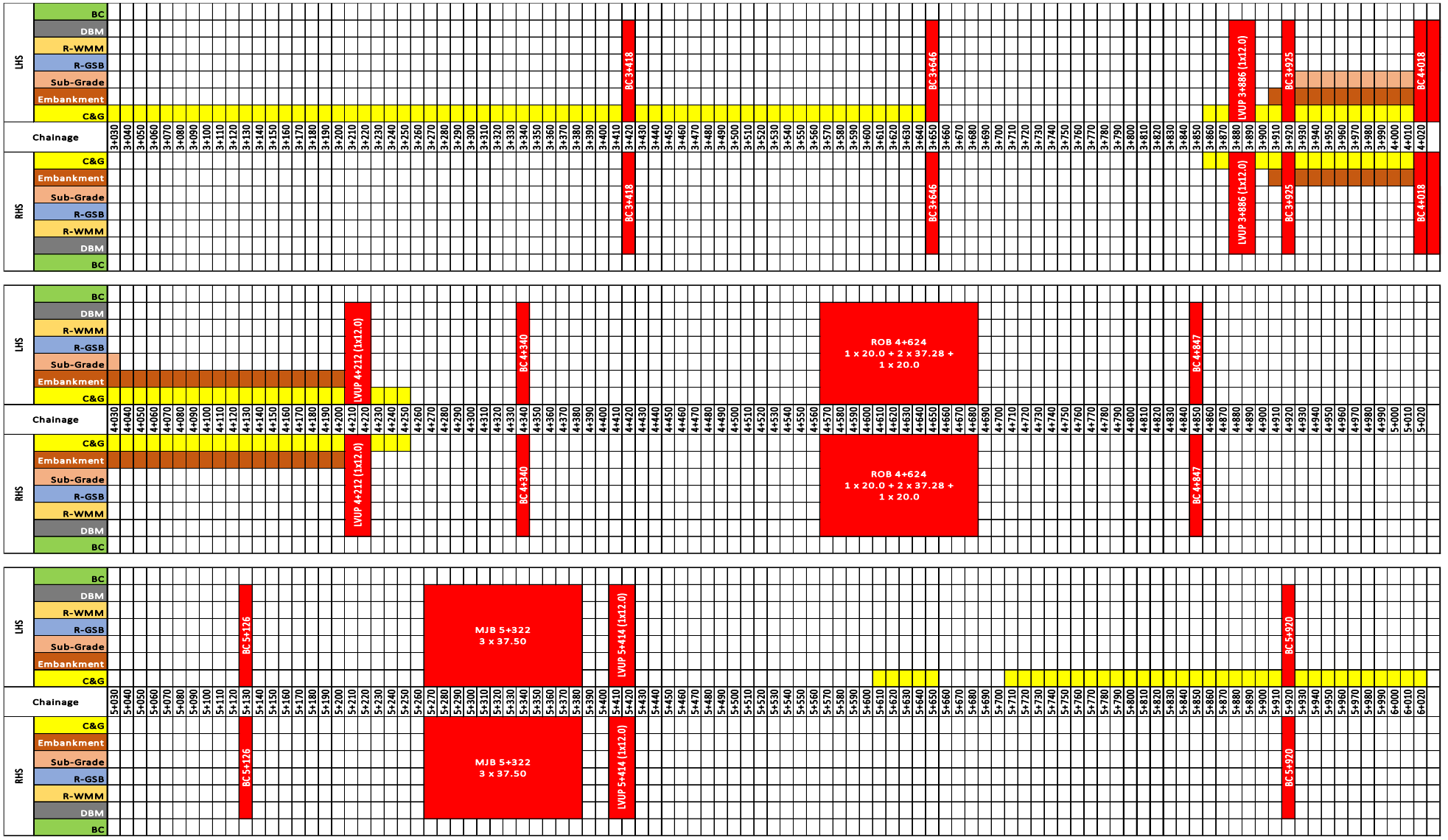
Work Description	% of Each sub components	Amount (Cr.)
Sub Grade (Widening)	0.46%	1,74,53,022.65
Sub Grade (Realingment)	26.87%	1,02,16,12,534.28
Granular Work (Widening)	0.45%	1,72,09,798.08
Granular Work(Realingment)	6.83%	25,98,64,509.53
Shoulders (Widening)	0.01%	4,35,548.17
Shoulders(Realingment)	0.67%	2,55,71,801.44
Bituminous Work (Widening)	0.08%	29,21,782.50
Bituminous Work(Realingment)	2.93%	11,14,33,175.27
Rigid Pavement	1.55%	5,88,72,256.97
Culverts	4.55%	17,29,23,189.37
Minor Bridges	5.82%	22,11,46,247.50
Grade Separated Structures	12.44%	47,30,64,553.90
New Major Bridge	10.26%	39,00,36,025.21
ROB	5.80%	22,05,58,687.60
RE Wall	0.66%	2,51,75,738.98
Utility Shifting	1.16%	4,40,51,237.94
Service Road	1.78%	6,76,44,292.48
Road Side Drain & Median Drain	0.44%	1,65,70,738.05
Road Signs, Marking, Km Stone, & etc.	2.72%	10,34,28,175.09
Project Facilities	0.08%	30,05,740.41
Protection Work	13.25%	50,40,11,518.71
Miscellaneous Work	1.20%	4,56,09,425.86
Total	**100.00%**	**3,80,26,00,000.00**



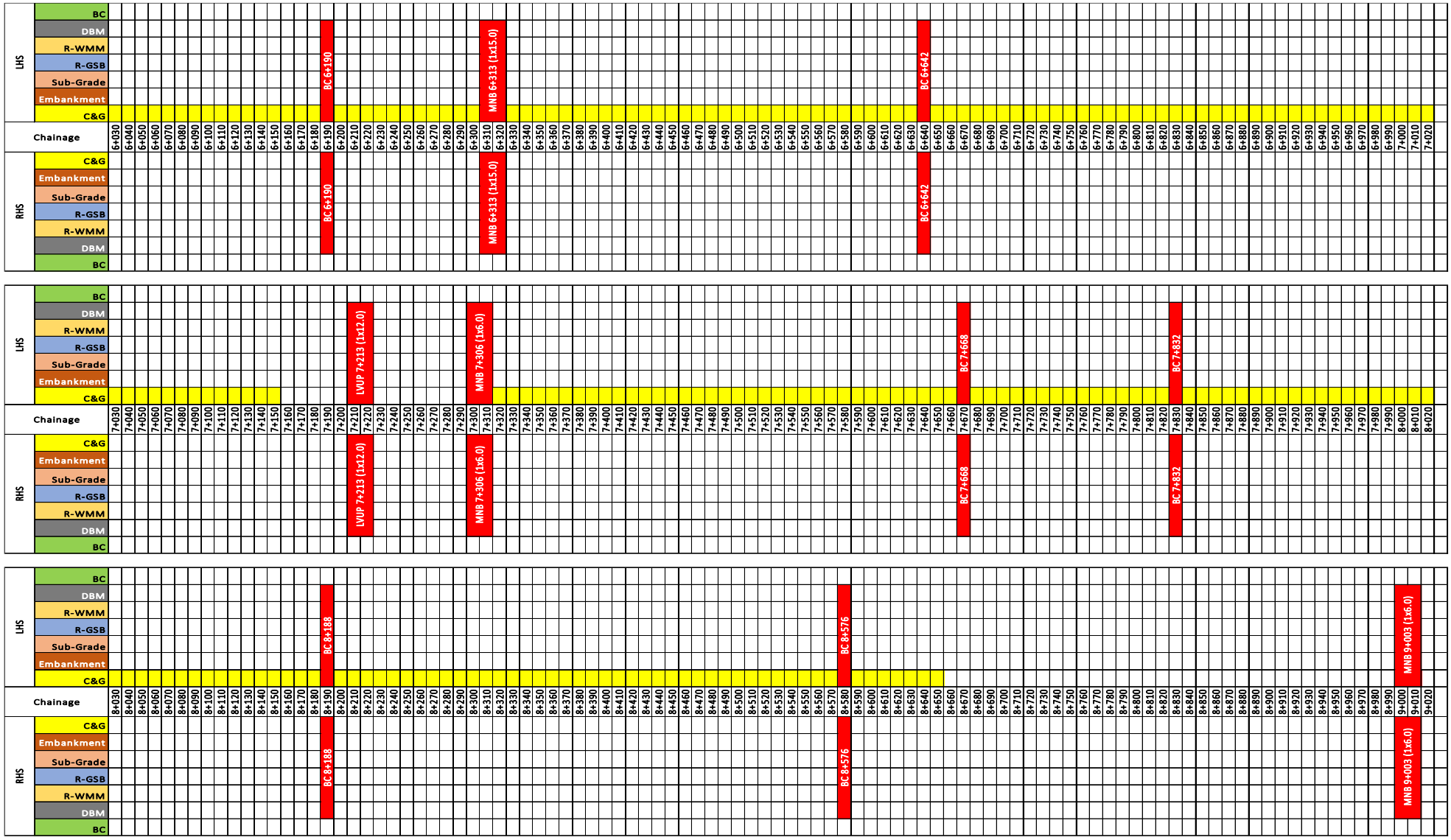
9.4 Highway Progress:-

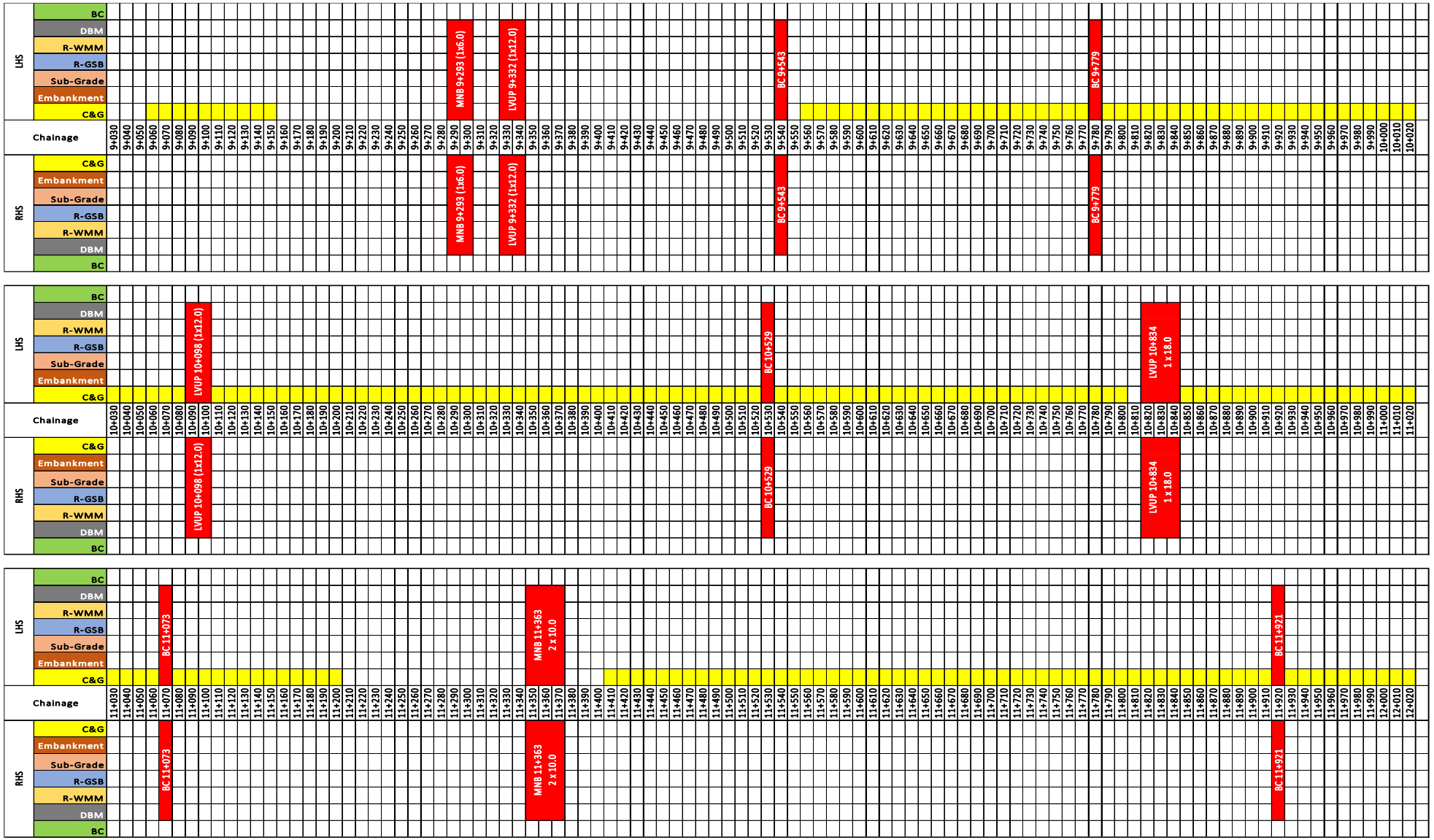


4-L of NH 37 from design Ch 0+000 on NH-8 near Karimganj to design Chainage 14+250 near Sutarkandi (Spur Connectivity to Indo/Bangladesh Border) Silchar-Churaibari Pkg-7 in the State of Assam on HAM mode.

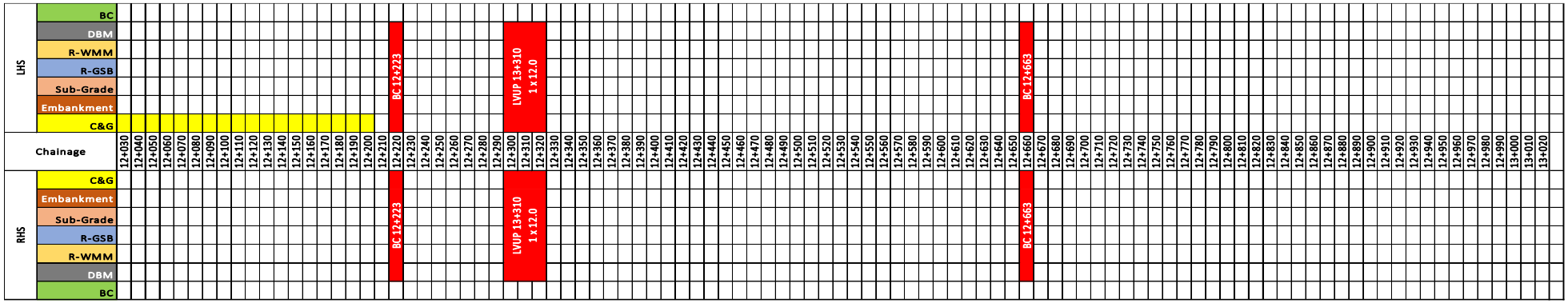


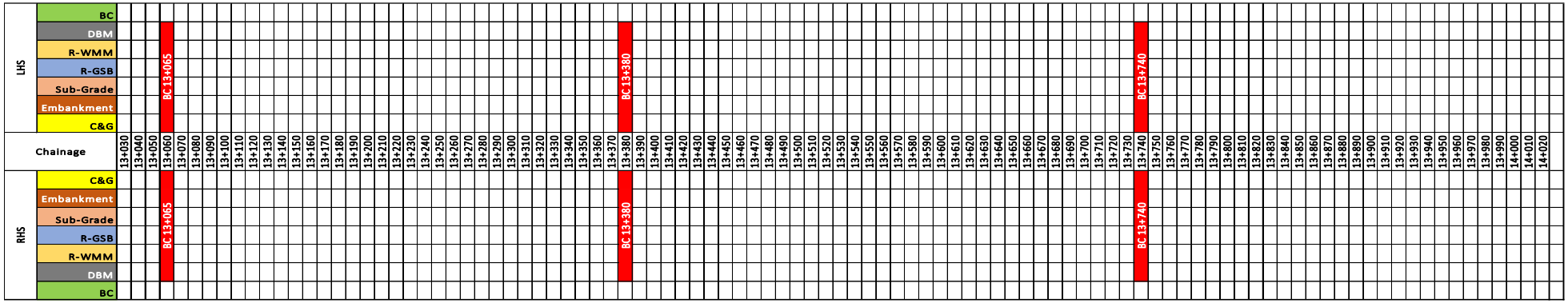
4-L of NH 37 from design Ch 0+000 on NH-8 near Karimganj to design Chainage 14+250 near Sutarkandi (Spur Connectivity to Indo/Bangladesh Border) Silchar-Churaibari Pkg-7 in the State of Assam on HAM mode.

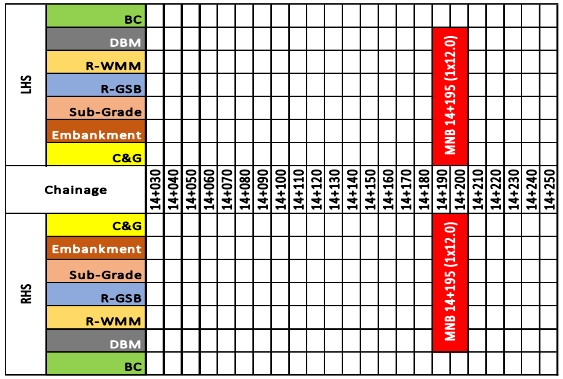



LHS
BC
DBM
R-WMM
R-GSB
Sub-Grade
Embankment
C&G
Chainage
RHS
MNB 9+293 (1x6.0)
LVUP 9+332 (1x12.0)
BC 9+543
BC 9+779
LVUP 10+098 (1x12.0)
BC 10+529
LVUP 10+834
1 x 18.0
BC 11+073
MNB 11+363
2 x 10.0
BC 11+921

4-L of NH 37 from design Ch 0+000 on NH-8 near Karimganj to design Chainage 14+250 near Sutarkandi (Spur Connectivity to Indo/Bangladesh Border) Silchar-Churaibari Pkg-7 in the State of Assam on HAM mode.







9.5.1 Status of Box Culvert: -

SN	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	00+043	A1											
												A2		A2											
2												A1	00+207	A1											
												A2		A2											
3												A1	00+341	A1											
												A2		A2											
4												A1	01+254	A1											
												A2		A2											
5												A1	01+652	A1											
												A2		A2											
6												A1	01+973	A1											
												A2		A2											
7												A1	02+143	A1											
												A2		A2											
8												A1	02+340	A1											
												A2		A2											
9												A1	02+440	A1											
												A2		A2											
10												A1	03+418	A1											
												A2		A2											
11												A1	03+646	A1											
												A2		A2											
12												A1	03+925	A1											
												A2		A2											
13												A1	04+018	A1											
												A2		A2											
14												A1	04+340	A1											
												A2		A2											
15												A1	04+534	A1											
												A2		A2											
16												A1	04+847	A1											
												A2		A2											
17												A1	05+126	A1											
												A2		A2											
18												A1	05+920	A1											
												A2		A2											
19												A1	06+190	A1											
												A2		A2											
20												A1	06+642	A1											
												A2		A2											
21												A1	07+668	A1											
												A2		A2											
22												A1	07+832	A1											
												A2		A2											
23												A1	07+906	A1											
												A2		A2											
24												A1	08+188	A1											
												A2		A2											
25												A1	08+926	A1											
												A2		A2											
26												A1	08+576	A1											
												A2		A2											
27												A1	09+543	A1											
												A2		A2											
28												A1	09+779	A1											
												A2		A2											
29												A1	10+529	A1											
												A2		A2											
30												A1	11+073	A1											
												A2		A2											
31												A1	11+921	A1											
												A2		A2											
32												A1	12+223	A1											
												A2		A2											
33												A1	12+663	A1											
												A2		A2											
34												A1	13+065	A1											
												A2		A2											
35												A1	13+380	A1											
												A2		A2											
36												A1	13+740	A1											
												A2		A2											

1	Not Available	1
2	In Progress	
3	Completed	

9.5.2 Status of Minor Bridge: -

SN	LHS												Minor Bridge Chainage												
	Miscellaneous Item	Protection Work	Parapet Wall	Top Slab	Top Haunch	Wall Final Lift	Wall 2nd Lift	Wall 1st Lift	Haunch	Raft	PCC/Granular Bed	Layout & Excavation	Abutment		Abutment	Layout & Excavation	PCC/Granular Bed	Raft	Haunch	Wall 1st Lift	Wall 2nd Lift	Wall Final Lift	Top Haunch	Top Slab	Parapet Wall	Protection Work	Miscellaneous Item
1													A1	00+742	A1												
													A2		A2												
2													A1	01+768	A1												
													A2		A2												
3													A1	06+313	A1												
													A2		A2												
4													A1	07+306	A1												
													A2		A2												
5													A1	09+003	A1												
													A2		A2												
6													A1	09+293	A1												
													A2		A2												
7													A1	11+363	A1												
													A2		A2												
8													A1	14+195	A1												
													A2		A2												

1	Not Available	1
2	In Progress	
3	Completed	

9.5.3 Status of Major Bridge: -

SN	LHS													RHS											
	Miscellaneous Item	Crash Barrier	Approach Slab	Desk Slab	RCC Girder	Dirt Wall	Abutment Cap	Abutment Shaft	Abutment Pile Cap	Abutment Pile	Layout & Excavation	Abutment		Abutment	Layout & Excavation	Abutment Pile	Abutment Pile Cap	Abutment Shaft	Abutment Cap	Dirt Wall	RCC Girder	Desk Slab	Approach Slab	Crash Barrier	Miscellaneous Item
1												A1	00+526	A1											
												A2		A2											
2												A1	02+880	A1											
												A2		A2											
3												A1	05+322	A1											
												A2		A2											

1	Not Available	
2	In Progress	
3	Completed	

9.5.4 Status of ROB:-

SN	LHS														Major Bridge & ROB Chainage	RHS													
	Miscellaneous Item	Crash Barrier	Approach Slab	Desk Slab	PSC Girder	Pedestal	Dirt Wall	Pier Cap	Pier Column	Abutment/ Pier Cap	Abutment Wall	Abutment/ Pier Pile Cap	Abutment/ Pier Pile	Layout & Excavation	Abutment		Abutment	Layout & Excavation	Abutment/ Pier Pile	Abutment/ Pier Pile Cap	Abutment Wall	Abutment/ Pier Cap	Pier Column	Pier Cap	Dirt Wall	Pedestal	PSC Girder	Desk Slab	Approach Slab	Crash Barrier	Miscellaneous Item
1															A1	ROB 04+624	A1													
															P1		P1													
															P2		P2													
															P3		P3													
															A2		A2													

1	Not Available	
2	In Progress	
3	Completed	

9.5.5 Status of Underpass:-

SN	LHS												LVUP Chainage	RHS										
	Protection Work	Parapet Wall	Top Slab	Top Haunch	Wall Final Lift	Wall 2nd Lift	Wall 1st Lift	Haunch	Raft	PCC/Granular Bed	Layout & Excavation	Abutment		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	01+142	A1											
												A2		A2											
2												A1	03+886	A1											
												A2		A2											
3												A1	04+212	A1											
												A2		A2											
4												A1	05+414	A1											
												A2		A2											
5												A1	07+213	A1											
												A2		A2											
6												A1	09+332	A1											
												A2		A2											
7												A1	10+098	A1											
												A2		A2											
8												A1	10+834	A1											
												A2		A2											
9												A1	12+310	A1											
												A2		A2											
1												A1	03+728	A1											
												A2	SVUP	A2											

1	Not Available	
2	In Progress	
3	Completed	

CHAPTER-10

QUALITY CONTROL AND MATERIAL

10.1 Quality Control

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

10.2 Site Laboratory

The Site Laboratory is established at Base Camp located at CH: -5+600. All the required material tests are being conducted in the laboratory for the project road.

10.3 Materials Testing & Third Party Test

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

10.3.1 Soil and Agreegates

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

10.3.2 Cement

The Concessionaire is using approved sources of Cement as Black Tiger (OPC 53 Grade), Dalmia Cement (OPC 53 Grade), Star Cement (OPC 53 Grade), Amrit 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.

10.3.4 Status of maerials source approval & Mix Design

Cement				
Sr. No.	**Brand Name**	**Letter No.**	**Status**	**IE Letter No.**
1.	Black Tiger Cement	MKCIL/ASSAM/PKG-07/106 dt. 24.03.2025		
2.	Dalmia Cement	MKCIL/ASSAM/PKG-07/107 dt. 24.03.2025	Approved	TASPL-MAV/NH-37/MKCIL/2025/MAY/34
3.	Max Cement	MKCIL/ASSAM/PKG-07/108 dt. 24.03.2025		
4.	Star Cement	MKCIL/ASSAM/PKG-07/109 dt. 24.03.2025		
5.	Amrit Cement	MKCIL/ASSAM/PKG-07/110 dt. 24.03.2025		

Reinforcement Steel				
Sr. No.	**Brand Name**	**Letter No.**	**Status**	**IE Letter No.**
1.	Rashmi Metaliks Limited	MKCIL/ASSAM/PKG-07/111 dt. 24.03.2025	Principle Approved	TASPL-MAV/NH-37/MKCIL/2025/MAY/27
2.	Shyam Steel industries Ltd.	MKCIL/ASSAM/PKG-07/112 dt. 24.03.2025	Principle Approved	TASPL-MAV/NH-37/MKCIL/2025/MAY/26
3.	SRMB Srijan Pvt. Ltd.	MKCIL/ASSAM/PKG-07/113 dt. 24.03.2025	Principle Approved	TASPL-MAV/NH-37/MKCIL/2025/MAY/32
4.	Shyam Metalics & Energy Ltd.	MKCIL/ASSAM/PKG-07/132 dt. 04.04.2025		
5.	Elegant steel	MKCIL/ASSAM/PKG-07/167 dt. 19.04.2025	Approved	TASPL-MAV/NH-37/MKICL/2025/AUG/59

Admixture				
Sr. No.	**Brand Name**	**Letter No.**	**Status**	**IE Letter No.**
1.	Berger Paints Pvt. Ltd.	MKCIL/ASSAM/PKG-07/101 dt. 24.03.2025		
2.	CHRYSO India Pvt. Ltd	MKCIL/ASSAM/PKG-07/102 dt. 24.03.2025		
3.	CICO Technologies Ltd.	MKCIL/ASSAM/PKG-07/103 dt. 24.03.2025	Approved	TASPL-MAV/NH-37/MKICL/2025/SEPT/71
4.	FOSROC Chemicals (India) Ltd.	MKCIL/ASSAM/PKG-07/104 dt. 24.03.2025	Approved	TASPL-MAV/NH-37/MKICL/2025/SEPT/70
5.	Vista Chemtech Pvt. Ltd.	MKCIL/ASSAM/PKG-07/105 dt. 24.03.2025		

4-L of NH 37 from design Ch 0+000 on NH-8 near Karimganj to design Chainage 14+250 near Sutarkandi (Spur Connectivity to Indo/Bangladesh Border) Silchar-Churaibari Pkg-7 in the State of Assam on HAM mode.

Monthly Laboratory Report

Summary of Quality Control Test For The Month of September-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 & FIELD TEST'S																	
(I). OGL Samples		***IRC:36-2010***															
1.1	Free Swelling Index (FSI)	IS : 2720 (P-40)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.2	Grain size analysis	IS : 2720 (P-4)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.3	Liquid limits (LL)	IS : 2720 (P-5)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.4	Plasticity Index (PI)	IS : 2720 (P-5)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	1 Test / Every 500 m Interval's	58	58	0	0	0	0	58	58	0	0	0	0	0.00	
1.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
1.7	Field Compaction Test (OGL)	IS : 2720 (P-28)	1 Set / 3000 Sqm. (1Set = 10 Pit's)	503	485	18	13	13	0	516	498	18	2	2	0	15.38	
(II). Borrow area Samples (EMB/SG)		***MoRT&H (Clause-305)***															
2.1	Free Swelling Index (FSI)	IS : 2720 (P-40)	2 Test's / 3000 Cum.	200	200	0	6	6	0	206	206	0	3	3	0	50.00	
2.2	Grain size analysis (GSA)	IS : 2720 (P-4)	2 Test's / 3000 Cum.	200	200	0	6	6	0	206	206	0	3	3	0	50.00	
2.3	Liquid limits (LL)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	200	200	0	6	6	0	206	206	0	3	3	0	50.00	
2.4	Plasticity Index (PI)	IS : 2720 (P-5)	2 Test's / 3000 Cum.	200	200	0	6	6	0	206	206	0	3	3	0	50.00	
2.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	2 Test's / 3000 Cum.	200	200	0	6	6	0	206	206	0	3	3	0	50.00	
2.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	1 Test's / 3000 Cum.	100	100	0	4	4	0	104	104	0	2	2	0	50.00	
2.7	Field Compaction Test (Emb)	IS : 2720 (P-28)	1 Set / 3000 Sqm. (1Set = 10 Pit's)	2834	2766	68	136	133	3	2970	2899	71	42	42	0	30.88	
2.8	Field Compaction Test (Subgrade)	IS : 2720 (P-28)	1 Set / 2000 Sqm. (1Set = 10 Pit's)	592	560	32	9	9	0	601	569	32	4	4	0	44.44	
(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	176	176	0	30	30	0	206	206	0	4	4	0	13.33	
3.2	Flakiness Index (FI)	IS : 2386 (P-1)	1 Test for source / Weekly	23	23	0	4	4	0	27	27	0	1	1	0	25.00	
3.3	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test for source / Weekly	23	23	0	4	4	0	27	27	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	176	176	0	30	30	0	206	206	0	6	6	0	20.00	
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	176	176	0	30	30	0	206	206	0	8	8	0.0	26.67	
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	16	16	0	6	6	0	22	22	0	2	2	0.0	33.33	
4.5	Moisture correction	IS : 2386 (P-3)	1 Test / Every day's work	176	176	0	30	30	0	206	206	0	6	6	0.0	20.00	
(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	26	26	0	3	3	0	29	29	0	1	1	0	33.33	
5.2	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	63	63	0	7	7	0	70	70	0	2	2	0	28.57	
∴	***Grade of Concrete : M-15 PCC***																
5.3	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	1	1	0	17	17	0	18	18	0	4	4	0	23.53	
5.4	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***																
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	0	0	0	11	11	0	11	11	0	5	5	0	45.45	
5.12	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***																
5.13	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**129**	**129**	0	**34**	**34**	**0**	**163**	**163**	**0**	**10**	**4**	**0**	**29.41**	
5.14	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**299**	**299**	0	**89**	**89**	**0**	**388**	**388**	**0**	**40**	**10**	**0**	**44.94**	
,,	***Grade of Concrete : M-35 RCC***																
5.15	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**53**	**53**	**0**	**15**	**15**	**0**	**68**	**68**	**0**	**3**	**3**	**0**	**20.00**	
5.16	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**109**	**109**	**0**	**44**	**44**	**0**	**153**	**153**	**0**	**30**	**30**	**0**	**68.18**	
,,	***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	**58**	**58**	**0**	**24**	**24**	**0**	**82**	**82**	**0**	**5**	**5**	**0**	**20.83**	
5.20	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**130**	**130**	**0**	**66**	**66**	**0**	**196**	**196**	**0**	**35**	**35**	**0**	**53.03**	
,,	***Grade of Concrete : M-40 RCC***																
5.21	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**18**	**18**	0	**20**	**20**	**0**	**38**	**38**	**0**	**5**	**5**	0	**25.00**	
5.22	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	**19**	**19**	0	**34**	**34**	**0**	**53**	**53**	**0**	**20**	**20**	0	**58.82**	
,,	***Grade of Concrete : M-45 RCC/PSC***																
5.23	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
5.24	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
,,	***Grade of Concrete : M-50 RCC/PSC***																
5.25	for 7 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
5.26	for 28 days	IS : 516	As per Frequency MoRT&H Table 1700-09	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
,,	***Grouting of PSC Girders***																
5.27	for 7 days	IS : 516	As per Frequency MoRT&H	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
5.28	for 28 days	IS : 516	As per Frequency MoRT&H	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
(VI). Cement tests																	
6.1	Fineness of Cement	IS : 4031 (P-1)	1 Test Every Batch of Cement	**25**	**25**	**0**	**8**	**8**	**0**	**33**	**33**	**0**	**4**	**4**	**0**	**50.00**	
6.2	Normal Consistency	IS : 4031 (P-4)	1 Test Every Batch of Cement	**25**	**25**	**0**	**8**	**8**	**0**	**33**	**33**	**0**	**4**	**4**	**0**	**50.00**	
6.3	Initial Setting Time	IS : 4031 (P-5)	1 Test Every Batch of Cement	**25**	**25**	**0**	**8**	**8**	**0**	**33**	**33**	**0**	**4**	**4**	**0**	**50.00**	
6.4	Final Setting time	IS : 4031 (P-5)	1 Test Every Batch of Cement	**25**	**25**	**0**	**8**	**8**	**0**	**33**	**33**	**0**	**4**	**4**	**0**	**50.00**	
6.5	Compressive Strength (03 Days)	IS : 516	1 Test Every Batch of Cement	**27**	**27**	**0**	**8**	**8**	**0**	**35**	**35**	**0**	**4**	**4**	**0**	**50.00**	
6.6	Compressive Strength (07 Days)	IS : 516	1 Test Every Batch of Cement	**29**	**29**	**0**	**9**	**9**	**0**	**38**	**38**	**0**	**5**	**5**	**0**	**55.56**	
6.7	Compressive Strength (28 Days)	IS : 516	1 Test Every Batch of Cement	**27**	**27**	**0**	**6**	**6**	**0**	**33**	**33**	**0**	**4**	**4**	**0**	**66.67**	
6.8	Soundness	IS : 4031 (P-3)	1 Test Every Batch of Cement	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.0**	
6.9	Specific Gravity	IS : 4031 (P-11)	1 Test Every Batch of Cement	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.0**	
(VII). Granular Sub-Base (GSB)		***MoRT&H Clause - 401***															
7.1	Gradation	Table 400-2	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
7.2	Liquid limits (LL)	IS : 2720 (P-5)	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
7.3	Plasticity Index (PI)	IS : 2720 (P-5)	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
7.4	Moisture Prior to Compaction Test	IS : 2720 (P-2)	1 Test /400 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
7.5	Proctor test (MDD & OMC)	IS : 2720 (P-8)	1 Test Per Source / As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
7.6	California Bearing Ratio Test (CBR)	IS : 2720 (P-16)	1 Test Per Source / As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
7.7	Water Absorption	IS : 2720 (P-3)	1 Test Per Source / As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
7.8	Aggregate Impact Value (AIV)	IS : 2386 (P-4)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
7.9	Field Compaction Test (GSB)	IS : 2720 (P-28)	1 Set / 1000 Sqm. (1Set = 3 Pit's)	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
(VIII). Wet Mix Macadam (WMM)		***MoRT&H-406***															
8.1	Gradation	Table 400-13	1 Test /200 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
8.2	Atterberg limits (LL & PI)	IS : 2720 (P-5)	1 Test /200 Cum.	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
8.3	Proctor test (MDD Vs OMC)	IS : 2720 (P-8)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
8.4	Aggregate Impact Value (A.I.V)	IS : 2386 (P-4)	1 Test/ 1000 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
8.5	Combined Flakiness & Elongation (FI & EI)	IS : 2386 (P-1)	1 Test /500 Cum	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
8.6	Water Absorption	IS : 2386 (P-3)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
8.7	Soundeness	IS : 2386 (P-3)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
8.8	Field Compaction Test (WMM)	IS : 2720 (P-28)	1 Set / 1000 Sqm. (1Set = 3 Pit's)	0	0	0	0	0	0	0	0	0	0	0	0	0.00	

(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 60^0/135^{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 (0^0C)	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	2	2	0	0	0	0	2	2	0	0	0	0	0.00
15.11	Stone Polished Value	BS-812 (P-114)	1 Test / Source	2	2	0	0	0	0	2	2	0	0	0	0	0.00
(XVI). Fine Aggregates																
16.1	Gradation	IS : 383	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
16.2	Specific Gravity	IS : 2386 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
16.3	Water Absorption	IS : 2386 (P-3)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
16.4	Deleterious Content	IS : 2386 (P-1)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
16.5	Silt Content	IS : 2386 (P-4)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
16.6	Alkali Aggregate Reactivity	IS : 2386 (P-7)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
16.7	Soundeness	IS : 2386(P-5)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
16.8	Organic Impurities	IS : 2386 (P-8)	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
16.9	Fineness Modulus	IS : 383	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
(XVII). TMT Bar's (Steel)																
17.1	Physical properties	IS : 1786	< 10mm - 1 sample/25 MT, 10-16mm-1sample/35 MT,	11	11	0	0	0	0	11	11	0	0	0	0	0.00
17.2	Chemical properties	IS : 1786	> 16mm - 1 sample/45 MT	11	11	0	0	0	0	11	11	0	0	0	0	0.00
(XVIII). Construction Water																
18.1	Suitability for construction	IS : 456	1 Test Per Source / As Required	1	1	0	0	0	0	1	1	0	0	0	0	0.00
(XIX). Chemical Admixture																
19.1	Physical & Chemical properties	IS : 9103	1 Test/ Per Lot	1	1	0	0	0	0	1	1	0	0	0	0	0.00
(XX). Cement (OPC-53 Grade)																
20.1	Physical & Chemical properties	IS : 8112	1 Test / Source	3	3	0	0	0	0	3	3	0	0	0	0	0.00
(XXI). Soil - Borrow Area																
21.1	Mechanical	IS : 2720 (P-39)	1 Test / Source	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXII). NP-4 Hume Pipe Test																
22.1	600 MM	IS : 458	1 test per Lot /of 50 Pipes	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXIII). Bitumen (Emulsion)																
23.1	Bitumen Emulsion SS-1	IS : 8887	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
23.2	Bitumen Emulsion RS-1	IS : 8887	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXIV). Bitumen (VG-40)																
24.1	Bitumen VG-40	IS : 73	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXV). Bitumen (PMB)																
25.1	Bitumen PMB	IS : 15462-2019	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXVI). Curing Compound																
26.1	Physical & Chemical properties	ASTM C309	1 Test/ Per Lot	0	0	0	0	0	0	0	0	0	0	0	0	0.00
(XXVII). Soil																
26.1	Direct Shear Test	ASTM C309	As per Source 1 Test/ As Required	3	3	0	0	0	0	3	3	0	0	0	0	0.00

Remarks: _____

CHAPTER-11

CORRESPONDENCE

11.1 Outward Letter

Sr. No.	Letter No.	Date	Subject	To
1	MKCIL/ASSAM/PKG-07/351	02.09.2025	"Regarding Compliance Submission of Observation on Design & Drawings at CH. CH-0+207, CH-0+341, CH.1+768, CH 2+893 & CH-4+340."	TL (TASPL)
2	MKCIL/ASSAM/PKG-07/352	03.09.2025	" Regarding Submission of IIT Vetted Drawings for ROB at Ch.04+624 for further railway approval. "	TL (TASPL)
3	MKCIL/ASSAM/PKG-07/353	03.09.2025	Regarding Submission of list of laboratory equipment.	TL (TASPL)
4	MKCIL/ASSAM/PKG-07/355	06.09.2025	Notification of Force Majeure event under clause 28.5 of Concession Agreement	TL (TASPL)
5	MKCIL/ASSAM/PKG-07/356	06.09.2025	Notification of Force Majeure event under clause 28.5 of Concession Agreement"	TL (TASPL)
6	MKCIL/ASSAM/PKG-07/362	08.09.2025	Submission of Monthly Progress Report for the month of August-2025	TL (TASPL)
7	MKCIL/ASSAM/PKG-07/364	09.09.2025	Request for Forwarding Application for Dredging Permission to Concerned State Authority.	GM (NHIDCL)
8	MKCIL/ASSAM/PKG-07/365	09.09.2025	Regarding Submission of Design and Drawing for Major Bridge at Ch. 00+526 (3x35m)	TL (TASPL)
9	MKCIL/ASSAM/PKG-07/368	11.09.2025	"Reminder for the clearance of hindrance of standing structure as per Article 10, Clause 10.3.4 of Concession Agreement."	TL (TASPL)
10	MKCIL/ASSAM/PKG-07/370	12.09.2025	Notification of Force Majeure event under clause 28.5 of Concession Agreement-Reg.	TL (TASPL)
11	MKCIL/ASSAM/PKG-07/371	12.09.2025	Proposal for Change of Scope (COS) Potholes Repairing in Karimganj Town & Fakirabazar Section-Reg.	TL (TASPL)
12	MKCIL/ASSAM/PKG-07/372	12.09.2025	Regarding Design & Drawing of ROB at Ch. 04+624 (Span-1x20+2x37.28+1x20).	TL (TASPL)
13	MKCIL/ASSAM/PKG-07/374	13.09.2025	Regarding Submission of Revised Plan and Profile with TCS for the approval.	TL (TASPL)
14	MKCIL/ASSAM/PKG-07/376	15.09.2025	Notifiction of Force Majeure event Regarding Thunderstorm & Heavy Rain in Sribhumi (Karimganj), Asssam as per Article 28 of Concession Agreement.	TL (TASPL)
15	MKCIL/ASSAM/PKG-07/380	20.09.2025	Regarding Submission of Typical Design and Drawing for Retaining Wall with Embankment.	TL (TASPL)
16	MKCIL/ASSAM/PKG-07/382	23.09.2025	Regarding Submission of Line Drain Profile & Line Drain Drawing for Approval.	TL (TASPL)
17	MKCIL/ASSAM/PKG-07/385	25.09.2025	Submission of Project Video Recording.	TL (TASPL)
18	MKCIL/ASSAM/PKG-07/387	27.09.2025	Regarding Compliance Submission of Observation on Design & Drawings at CH. CH-0+207, CH-0+341, CH.1+768, CH 2+893 & CH-4+340.	TL (TASPL)

11.2 Inward Letter (NHIDCL & TASPL)

Sr. No.	Letter No.	Date	Subject	From
1	TASPL-MAV/NH-37/PMU/2025/SEPT/67	03.09.2025	Forwarding of ROB GAD Drawing after Vetting by IIT. Reg	TASPL
2	TASPL-MAV/NH-37/PMU/2025/SEPT/69	06.09.2025	Reg:- Construction of ROB at Ch.04+624.	TASPL
3	TASPL-MAV/NH-37/MKCIL/2025/SEPT/69 A	08.09.2025	Reply to Notification of Force Majeure Event under Clause 28.5 of Concession Agreement. Reg.	TASPL
4	TASPL-MAV/NH-37/MKCIL/2025/SEPT/70	11.09.2025	Approval of FOSROC Admixture. - Reg.	TASPL
5	TASPL-MAV/NH-37/MKCIL/2025/SEPT/71	11.09.2025	Approval of CICO Admixture. - Reg.	TASPL
6	TASPL-MAV/NH-37/MKCIL/2025/SEPT/72	11.09.2025	Response to Notification of Force Majeure Event under Clause 28.5 of the Concession Agreement. - Reg.	TASPL
7	TASPL-MAV/NH-37/MKCIL/2025/SEPT/73	11.09.2025	Reply to Proposal for Change of Scope (COS) – Pothole Repairs in Karimganj Town & Fakirabazar Sections. -Reg.	TASPL
8	TASPL-MAV/NH-37/MKCIL/2025/SEPT/74	14.09.2025	Reg. Submission of Substructure Design & Drawings, Soil Investigation Report, QAP, WPSS and Other Related Documents for Forwarding to Railway Authority	TASPL
9	TASPL-MAV/NH-37/MKCIL/2025/SEPT/76	18.09.2025	Observation on submission for Finalization of Annexure | of Schedule G (Contract Price Weightages)- Reg .	TASPL
10	TASPL-MAV/NH-37/MKCIL/2025/SEPT/77	18.09.2025	Review on Compliances on Design & Drawings at CH. CH-0+207, CH-0+341, CH.1+768, CH 2+893 & CH-4+340. –Reg	TASPL
11	TASPL-MAV/NH-37/MKCIL/2025/SEPT/78	19.09.2025	Reg: - Observation on monthly progress report for the month of Aug 2025	TASPL
12	TASPL-MAV/NH-37/MKCIL/2025/SEPT/82	20.09.2025	Reply to Notification of Force Majeure Event under Clause 28.5 of the Concession Agreement. - Reg	TASPL
13	TASPL-MAV/NH-37/MKCIL/2025/SEPT/83	21.09.2025	Observation on Design & Drawings of MNB Ch. 6+313, 7+306, 9+003, 9+293. Reg.	TASPL
14	TASPL-MAV/NH-37/MKCIL/2025/SEPT/84	21.09.2025	Observation on Design & Drawings of Box Culverts Ch. 0+043 & Ch. 6+642. Reg.	TASPL
15	TASPL-MAV/NH-37/MKCIL/2025/SEPT/85	26.09.2025	Reg- Road maintenance work of Karimganj town area.	TASPL

CHAPTER-12

NON-CONFORMANCE REPORT

NIL

CHAPTER-13

WEATHER REPORT

Sl no.	*Date*	*Temperature (In ^{0}c)*		*Humidity (In %)*		*Rainfall (mm)*	*Weather Condition*	*Remarks*
		Minimum	*Maximum*	*Minimum*	*Maximum*			
1	01-09-2025	29.1	31.2	81.0	90.0	0.0	Sunny	
2	02-09-2025	28.2	30.8	76.0	88.0	15.0	Rainy	
3	03-09-2025	28.6	30.5	78.0	86.0	58.6	Sunny/Rainy	
4	04-09-2025	29	31.2	78.0	87.0	26.0	Rainy	
5	05-09-2025	28.7	30.9	76.0	84.0	0.0	Sunny	
6	06-09-2025	28.1	30.8	79.0	88.0	78.0	Rainy	
7	07-09-2025	29	31.2	81.0	89.0	18.2	Cloudy/Rainy	
8	08-09-2025	28.8	30.9	78.0	88.0	0.0	Sunny	
9	09-09-2025	28.9	30.4	83.0	92.0	16.0	Cloudy/Rainy	
10	10-09-2025	30	30.7	82.0	90.0	15.2	Cloudy/Rainy	
11	11-09-2025	28.7	30.2	80.0	91.0	49.0	Cloudy/Rainy	
12	12-09-2025	28.2	30.0	81.0	91.0	18.2	Cloudy/Rainy	
13	13-09-2025	27.5	29.8	86.0	92.0	45.6	Cloudy/Rainy	
14	14-09-2025	27.3	29.4	81.0	92.0	59.0	Cloudy/Rainy	
15	15-09-2025	27.5	29.1	83.0	91.0	77.2	Cloudy/Rainy	
16	16-09-2025	28.1	30.2	84.0	90.0	23.0	Cloudy/Rainy	
17	17-09-2025	27.4	29.8	85.0	91.0	38.8	Cloudy/Rainy	
18	18-09-2025	27.9	29.5	83.0	90.0	22.2	Sunny/Rainy	
19	19-09-2025	28.5	30.7	87.0	92.0	0.0	Sunny	
20	20-09-2025	29.2	31.6	85.0	91.0	0.0	Sunny	
21	21-09-2025	28.8	30.2	81.0	87.0	0.0	Sunny	
22	22-09-2025	28.5	30.4	80.0	89.0	15.4	Sunny/Rainy	
23	23-09-2025	27.6	29.8	79.0	85.0	29.0	Sunny/Rainy	
24	24-09-2025	28.5	30.8	78.0	85.0	0.0	Sunny	
25	25-09-2025	29.4	31.9	77.0	86.0	0.0	Sunny	
26	26-09-2025	28.9	30.8	76.0	82.0	0.0	Sunny	
27	27-09-2025	28.1	30.2	78.0	84.0	18.0	Sunny/Rainy	
28	28-09-2025	29.1	30.8	77.0	83.0	12.6	Sunny/Rainy	
29	29-09-2025	29.2	31.9	78.0	83.0	0.0	Sunny	
30	30-09-2025	28.4	30.2	77.0	85.0	59.6	Sunny/Rainy	

Rainfall Data				
Sr.no.	**Description**	**Total Rainfall**	**Up to previous month**	**This month**
1	Rainfall	4044.1	3349.5	694.6

The maximum & minimum weather records are summarized below:

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

CHAPTER-14

ACCIDENT REPORT

NIL

CHAPTER-15

ROAD MAINTENANCE & SAFETY REPORT

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

CHAPTER-16

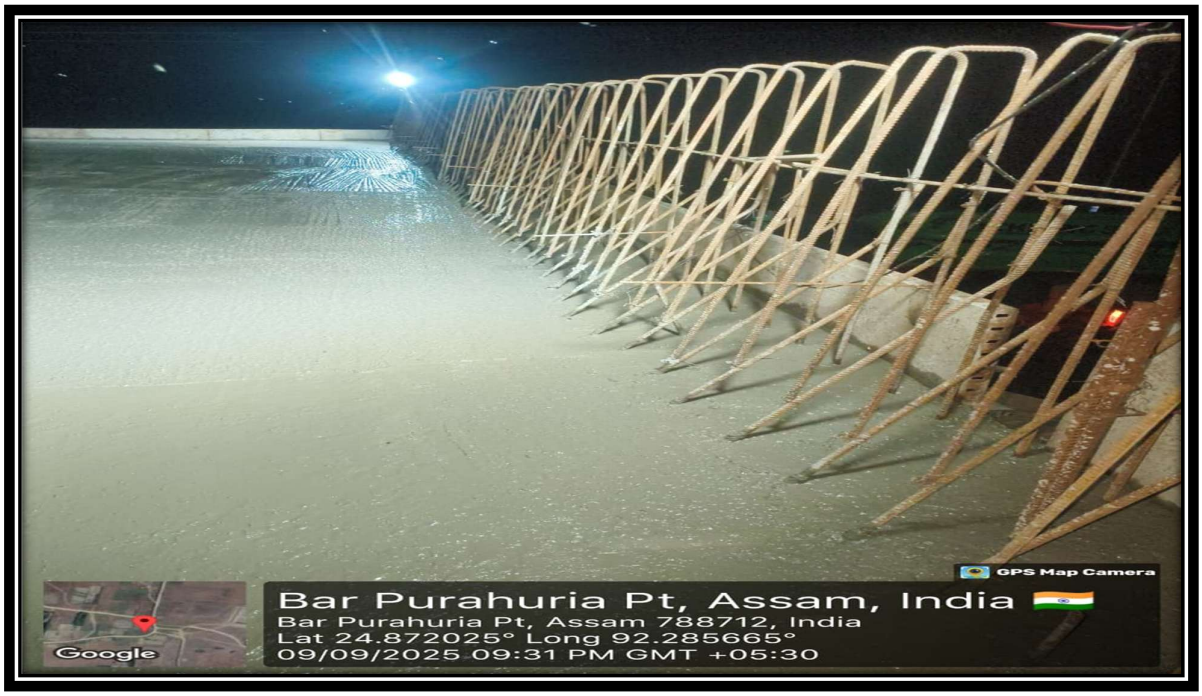
PROJECT PROGRESS PHOTOGRAPHS

1. Concrete work at Ch.12+310 (LVUP)

2. Concrete pouring work for Toe wall Ch. 10+050

3. Reinforcement work at Ch.4+212 (LVUP)

4. Level Checking work for SG top at Ch.- 12+900 to 13+200



5.Slab work Done at Ch.10+098 (LVUP)

6. A2 Pile No. 03 Cage Lowering work at Ch. 2+893

6. Utility shifting work at Ch. 13+380