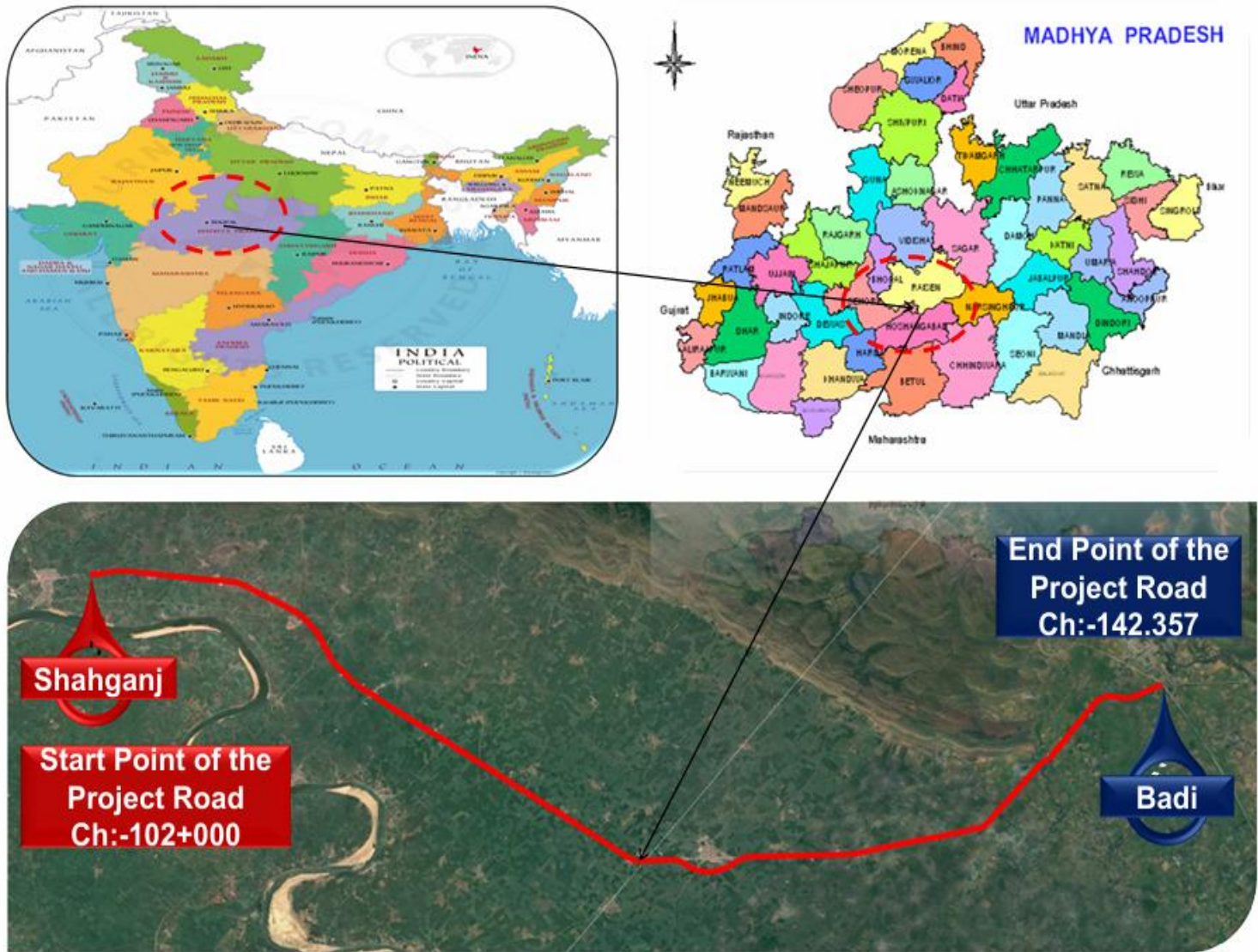


# SHAHGANJ BADI HIGHWAYS PVT. LTD.

## MONTHLY PROGRESS REPORT

February-2026



NAME OF AUTHORITY	: NATIONAL HIGHWAYS AUTHORITY OF INDIA
NAME OF CONCESSIONAIRE	: SHAHGANJ BADI HIGHWAYS PVT. LTD.
NAME OF EPC CONTRACTOR	: MCC INFRA TECH PVT. LTD
NAME OF INDEPENDENT ENGINEER	: SAPTAGON ASIA PVT. LTD.

**Construction work of 4-laning of Shahganj bypass end to Badi (Package-IV) of NH-146B from design km 102.000 to design km 142.357 (Design Length 40.357 km) under NH(O) in the State of Madhya Pradesh on Hybrid Annuity Mode**

**MONTHLY PROGRESS REPORT - FEBRUARY- 2026**

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# Executive Summary

## Construction progress in current month

### Summary of Progress:-

1. Total length of the Project is 40.357 Km. with Total Bid Project Cost 519 Cr. Appointed Date declared on 25.03.2025 and scheduled date of completion of construction is 24.03.2027 (with 730 days construction period). M/s Shahganj Badi Highways Pvt Ltd started work at site.

### 2. LA Status/Handing Over of Length :-

Total -36.431 km. Handed Over and 3.926 km balance due to hindrance.

Key Reporting Metrics	Value%/Amount
<b>A- Physical Progress</b>	
Cumulative Physical Progress upto current month (%)	32.470%
Cumulative Financial Progress upto current month (%)	31.150%
Current Month Financial Progress (%)	1.846%
Cumulative Expenditure till date (Rs Cr) as per Construction cost @ 519 Cr.	161.671
Tests passed as % of total tests witnessed by IE	6.416%

## Project Overview

### Salient Features of Project

<b>Project Name</b>	Construction work of 4-laning of Shahganj bypass end to Badi (Package-IV) of NH-146B from design km 102.000 to design km 142.357 (Design Length 40.357 km) under NH(O) in the State of Madhya Pradesh on Hybrid Annuity Mode
<b>NH No. (New/ Old)</b>	146B
<b>Mode of the Execution (BOT Toll/ BOT Annuity/ EPC/ HAM/ Item Rate/ Others)</b>	Hybrid Annuity Mode
<b>No. of Lanes/ Configuration</b>	Four Lane with Paved Shoulder
<b>Length of the Project (in Km)</b>	40.357 Km.
<b>Total Project Cost/ Civil Construction Cost/ Contract cost (in Cr)</b>	Rs. 519
<b>Total EPC Cost (in Cr)</b>	Rs. 519
<b>No. of Bypasses (Name of Town, Length)</b>	4.807 Km (Baktra 2.500 Km + Badi 2.307 Km)
<b>No. of Major Bridges (Number and Location)</b>	1 (Chainage 109+550)
<b>No. of Toll Plazas (Number and Location)</b>	1 (Chainage 114+515)
<b>DPR Consultant Name</b>	M/s Lion Engineering Consultants
<b>Contractor Name (SPV &amp; Parent Company)</b>	M/s MCC Infratech Pvt. Ltd.
<b>Date of Award (LOA Date)</b>	15 Mar. 2024
<b>Appointed Date</b>	25 Mar. 2025
<b>Construction Period (in Days)</b>	(730 Days)
<b>Scheduled Date of Completion</b>	24 Mar. 2027
<b>Independent Engineer</b>	M/s Saptagon Asia Pvt. Ltd.

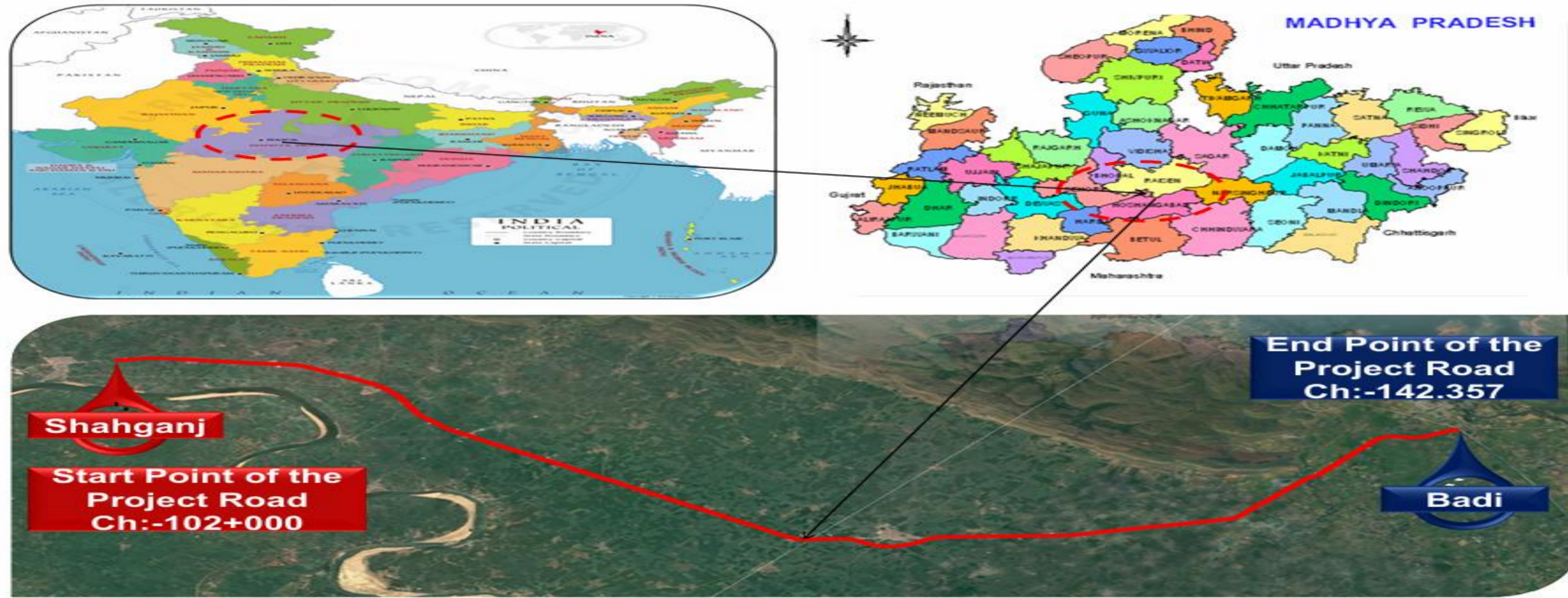
## Project Milestones

Project Milestone	Date	Physical Progress for achievement (%)	Date as per Approved EOT	Status	Remarks
Appointed Date	25-03-2025	Nil			
Milestone I	21-09-2025	20%		Achieved on 19.12.2025	
Milestone II	18-02-2026	35%		31.15%	
Milestone III	16-09-2026	75%			
Scheduled Completion	24-03-2027	100%			

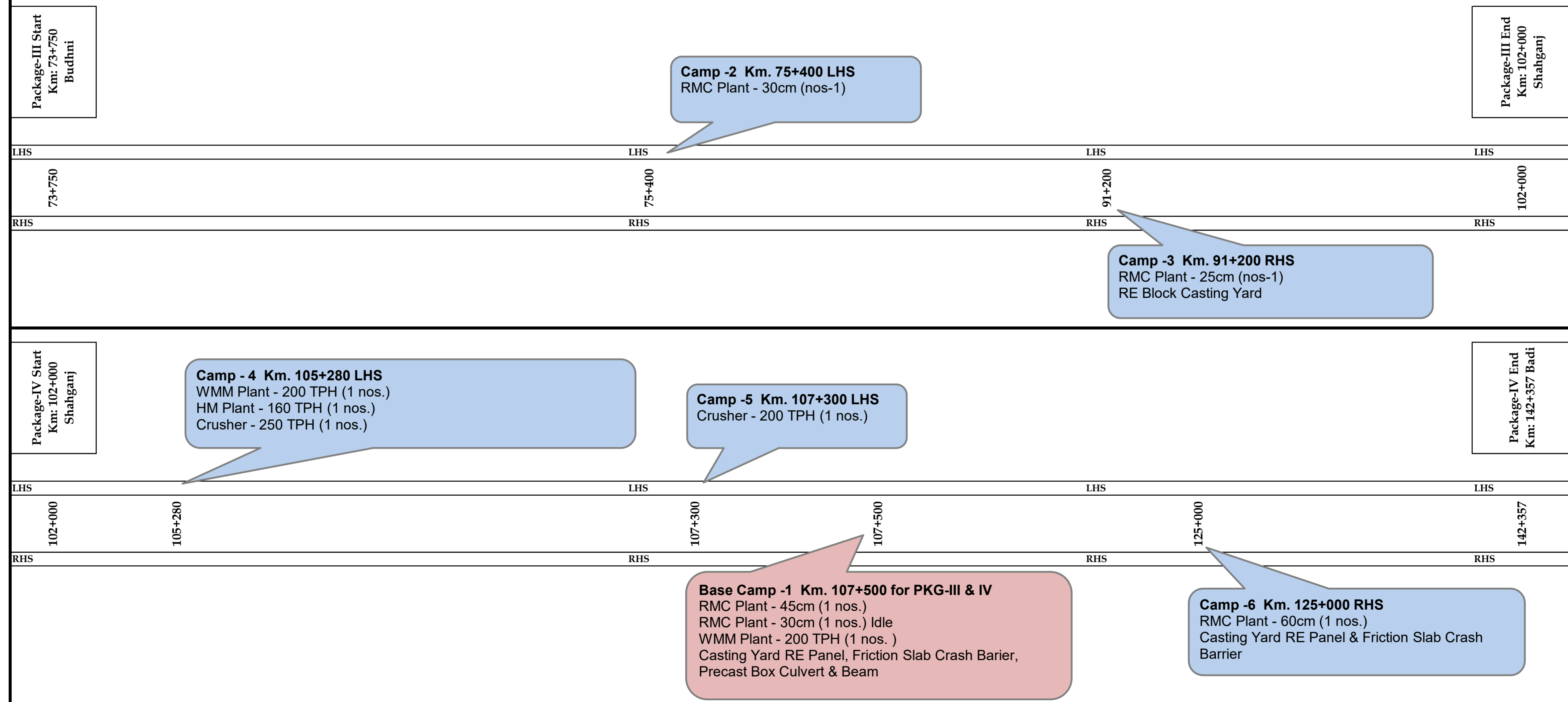
## Payment Milestones

Sr. No.	Payment Milestone	Status	Remarks
I	On achievement of 5% of Physical Progress	Achieved	MPC-1 on achievement of 5% is submitted vide letter no. SBHPL/NHAI/FY25-26/330□
II	On achievement of 10% of Physical Progress	Achieved	MPC-2 on achievement of 10% is submitted vide letter no. SBHPL/NHAI/FY25-26/404□
III	On achievement of 20% of Physical Progress	Achieved	MPC-3 on achievement of 20% is submitted vide letter no. SBHPL/NHAI/FY25-26/437□
IV	On achievement of 30% of Physical Progress	Achieved	MPC-4 on achievement of 30% is submitted vide letter no. SBHPL/NHAI/FY25-26/485□
V	On achievement of 40% of Physical Progress		
VI	On achievement of 50% of Physical Progress		
VII	On achievement of 60% of Physical Progress		
VIII	On achievement of 70% of Physical Progress		
IX	On achievement of 80% of Physical Progress		
X	On achievement of 90% of Physical Progress		

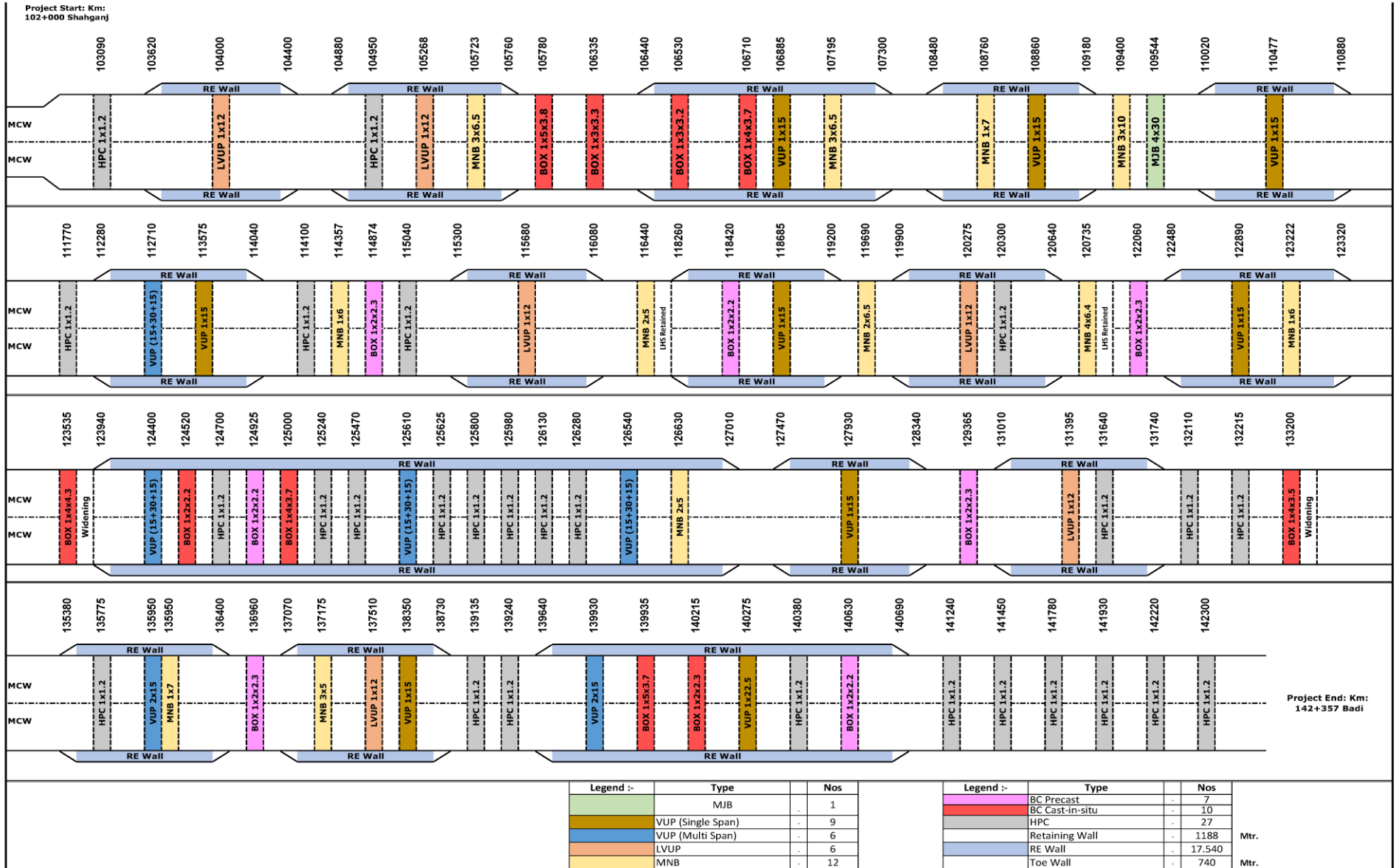
Camp Location Map



CAMP LOCATION PLAN



# Key Plan



# UNRESOLVED ISSUES/CONSTRIANTS

Sr. No.	Activity	Constraints	Remarks
<b>1</b>	<b>Land Acquisition</b>		
	A. Acquisition	Land possession work is in progress as per the instruction of NHAI Officials. However, at many locations Payment is being paid by the Authority but removal of encroachment is still to be removed. Force fully possession is in progress at site on handed over length.	Length of 3.926 Km. is effected as on 28.02.2026
	B. Encroachment	Dismantling of structure time to time is being carried out as per the instruction of NHAI Officials	
<b>2</b>	<b>Utility Shifting</b>		
	A. Electrical Utility Shifting	Nil	Estimates are Approved and Supervision Charges is deposited to Owning Department by Authority.
	B. PHED Utility Shifting	Nil	Estimates are Approved and Supervision Charges is deposited to Owning Department by Authority.

**Construction work of 4-laning of Shahganj bypass end to Badi (Package-IV) of NH-146B from design km 102.000 to design km 142.357 (Design Length 40.357 km) under NH(O) in the State of Madhya Pradesh on Hybrid Annuity Mode**

**Hindrance Status**

SR. NO.	CHAINAGE		AFFECTED LENGTH	Description
	FROM	TO	(METER)	
1	103+740	103+840	100	Fencing
2	103+850	103+865	15	House
3	103+865	103+875	10	House
4	103+880	103+890	10	House
5	103+900	103+915	15	Temple
6	103+910	103+920	10	House
7	103+915	103+920	5	Temple
8	103+940	103+950	10	House
9	103+950	103+960	10	House
10	103+960	103+970	10	Govt. Land
11	104+000	104+015	15	School
12	104+000	104+020	20	House
13	104+026	104+040	14	House
14	104+060	104+070	10	School
15	104+130	104+140	10	House
16	104+140	104+160	20	House
17	104+150	104+160	10	Gram Panchayat
18	104+160	104+180	20	House
19	104+180	104+200	20	House
20	104+200	104+210	10	House
21	108+140	108+160	20	House
22	108+500	108+520	20	Govt. Land
23	108+530	108+540	10	Toilet
24	108+550	108+560	10	House
25	108+560	108+570	10	House
26	109+020	109+050	30	Shop
27	109+200	109+250	50	House
28	112+250	112+350	100	House
29	112+300	112+400	100	House
30	112+350	112+550	200	House
31	112+400	112+500	100	House
32	112+500	112+800	300	House
33	112+550	112+700	150	House
34	112+700	112+800	100	House
35	112+800	112+900	100	House
36	113+000	113+020	20	GSS
37	115+550	115+600	50	Tin shed
38	118+520	118+550	30	House
39	118+600	118+630	30	House

<b>Hindrance Status</b>				
<b>SR. NO.</b>	<b>CHAINAGE</b>		<b>AFFECTED LENGTH</b>	<b>Description</b>
	<b>FROM</b>	<b>TO</b>	<b>(METER)</b>	
40	118+600	118+700	100	House
41	118+600	118+700	100	House
42	118+700	118+750	50	House
43	118+700	118+820	120	House
44	118+810	118+820	10	House
45	118+820	118+850	30	House
46	119+210	119+250	40	House
47	119+990	120+000	10	House
48	120+000	120+010	10	House
49	120+070	120+080	10	House
50	120+265	120+290	25	House
51	120+285	120+302	17	Farm
52	127+470	128+340	870	Hanuman Temple
53	130+400	130+550	150	House
54	130+600	130+610	10	House
55	130+650	130+660	10	Tubewell
56	130+650	130+660	10	House
57	130+690	130+700	10	House
58	130+740	130+780	40	House
59	130+740	130+780	40	House
60	130+740	130+780	40	House
61	130+740	130+780	40	House
62	130+740	130+780	40	House
63	130+740	130+780	40	House
64	130+820	130+830	10	Temple
65	135+970	136+000	30	Hotel
66	137+430	137+440	10	House
67	137+440	137+450	10	House
68	137+450	137+470	20	House
69	137+500	137+580	80	School
70	137+580	137+640	60	House
71	137+700	137+800	100	House
72	142+250	142+260	10	Tubewell
<b>Total Length &gt;&gt;&gt;&gt;</b>			<b>3926 Mtr</b>	

## Strip Plan (Summary)

1. Land Acquisition Status			2. Length completed by layer (MCW)			3. Length completed by Layer (Service Road+ Slip Road)		
Description	Length / Area	% Total Pending Length/Area	Description	Length in (KM)	% Total Length	Description	Length in (KM) Both Sides	% Total Length
Total Length Scope Km.	40.357		Total Length Scope Km BHS.	79.108		Total Length Scope Km.	40.357	
Total Workfornt Unavailable Km. due to LAQ/Encroachment	3.926	9.73%	Total Length Completed	-	0.00%	Total Length Completed	-	0.00%
Pending Land Ha.	9.691		C&G	71.00	89.75%			
			BC	-	0.00%			
			DBM	23.97	30.30%			
Acq. Ha.	89.931	90.27%	AIL	24.93	31.51%	AIL	-	0.00%
			CTB	26.07	32.96%	CTB	-	0.00%
			CTSB/GSB	29.23	36.95%	CTSB/GSB		
			Sub-Grade	33.27	42.05%	Sub-Grade	-	0.00%

## Progress Status of Structure

### Staus of Schedule-B Structure

DESCRIPTION	SCOPE OF WORK	WORK STATUS			
		COMPLETED	IN PROGRESS	BAL TO TAKEUP	REMARKS
Major Bridges	1		1		
Minor Bridges	12	3	7	2	
Light Vehicular Underpass	6	2	2	2	
Vehicular Underpass	15		9	6	
Box Culverts	17	9	5	3	
Pipe Culverts	27	14	11	2	
RE Wall	21	2	10	9	
<b>TOTAL</b>	<b>99</b>	<b>30</b>	<b>45</b>	<b>24</b>	

**Land Acquisition and Clearances**  
**LA Summary**

S.No	Particulars	Area of Land in HA.	Remarks
A	Total Land to be Acquire	192.117	
B	Existing Land	92.495	
C	Additional Land Required (C=A-B)	99.622	
D	Total 3G Award	91.773	
E	Total 3H	89.931	90.27%
F	Balance (F=C-E)	9.691	9.73%
G	Length Available for working (KM)	36.431	

## Status of Utility Shifting

### A - ELECTRICAL UTILITY (MPMKVVCL)

Sr. No.	Description	Total Estimates	Total Estimates Submitted to Authority	Total Estimates Approved from Authority	Total Length Affected	Work Status	Remarks
		(Nos)	(Nos)	(Nos)	(KM.)		
1	33 KVA	19	19	19	61.75	55 Km. Wire Installation completed and balance work in progress. 5 Km. Pole Erection completed and balance work in progress.	Estimates are approved. Supervision charges deposited to Owing Department by Authority.
2	11 KV	16	16	16	53.48	45 Km Wire installation completed and balance in progress. 5 Km. Pole Erection completed and balance work in progress.	
3	LT Line	15	15	15	3.72	Pole Erection in progress.	
4	33 KVA Crossing	26	26	26		20 Nos Crossing completed	
5	11 KV Crossing	60	60	60		50 Nos Crossing completed	
6	LT Line Crossing	38	38	38			
7	Transformers and Sub Stations	64	64	64		6 nos Transformers installation completed and balance work in progress.	

### B - WATER SUPPLY/SEWERAGE LINE (PHED)

1	Water supply pipe line	9	9	0	7.60	2.2 Km Pipe Laying completed	Estimates are approved and work in progress
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### C-TREE CUTTING STATUS (REVENUE & FOREST)

SR. NO.	DESCRIPTION	TOTAL SCOPE	TOTAL CUT	TOTAL BALANCE TO CUT	REMARKS
		(NOS)	(NOS)	(NOS)	
1	Revenue Trees	1455	1455	0	Permission obtained and Tree cutting Completed.
<b>TOTAL</b>		<b>1455</b>	<b>1455</b>	<b>0</b>	

# Mobilization of Resources

SL. NO.	Equipment Name	Make	Model	Quantity	Deployment Year	Remarks
1	RMC PLANT	CONMAT	CP-30	1	2025	
2	RMC PLANT	CONMAT	CP-45	1	2025	
3	RMC PLANT	CONMAT	CP-60	1	2025	
4	Hot Mix Plant	APOLLO	APOLLO 200 TPH	1	2025	
5	CTB PLANT	APOLLO	APOLLO 200 TPH	1	2025	
6	CRUSHER PLANT	METSO	METSO 250 TPH	1	2025	
7	CRUSHER PLANT	TEREX	TEREX 200 TPH	1	2025	
8	WMM Paver	VOLVO	Paver 5.0 Mtr	1	2025	
9	DBM Paver	VOLVO	Paver 9.0 Mtr	1	2025	
10	DG Set 125 KVA	Mahindra	125 KVA	2	2025	
11	DG Set 200 KVA	SUDHIR CUMMINS	200 KVA	1	2025	
12	DG Set 500 KVA	CAT	500 KVA	2	2025	
13	DG Set 30 KVA	SUDHIR CUMMINS	30 KVA	5	2025	
14	DG Set 20 KVA	SUDHIR CUMMINS	20 KVA	5	2025	
15	Light Mast	CUMMINS	KG1-5AS3/5KVA	1	2025	
16	Hydraulic Broomer	BROOMER HYDRAULIC	ALLWIN	1	2025	
17	Soil Compactor	HAMM	311	7	2025	
18	Soil Compactor	DYNAPAC	CA385D	3	2025	
19	Baby Roller	CASE		1	2025	
20	Baby Roller	JCB		3	2025	
21	Tandom Roller	HAMM		1	2025	
22	Motor Grader	CAT	CATERPILLAR 120K2 SERIES 2	9	2025	
23	Motor Grader	CASE	CASE 845 B MOTER GRADER	2	2025	
24	Excavator	JCB		10	2025	
25	Wheel Loader	JCB	4374 & JCB INDIA	2	2025	
26	Dozer	CASE		1	2025	
27	Dozer	CAT		4	2025	
28	Hydra	ESCORT	TRX 1549 XT & ESCORT	3	2025	
29	Hyd. Crane	SANY	SANY	1	2025	
30	Trailer	BHARATBENZ	BHARATBENZ 3123R 8X2 BSIV	1	2025	
31	Trailer	TATA	LPS4018TC/32	2	2025	
32	Diesel Tanker	TATA	TATA SPC 709EX/38 BSIV	1	2025	
33	Diesel Tanker	Mahindra	BOLERO SC XL CBC 2WD	1	2025	
34	Boom Pressor	TATA	SIGNA 2823 K BS VI, 56WHD	1	2025	
35	Concrete Pump	SCHWING Stetter	DP-350	1	2025	
36	Tipper	TATA	LPK 2518 TC/38	30	2025	
37	Water Tanker	TATA	LPK 2518 TC/38	5	2025	
38	Transit Mixer	TATA	LPK 2518 TC/38	9	2025	
39	Backhoe Loader	JCB	JCB 3DX XTRA	3	2025	
40	Backhoe Loader	CAT	BACKHOE LOADER 2WD	1	2025	
41	LMV	Mahindra	SCORPIO S10 2.2	2	2025	
42	LMV	Mahindra	BOLERO	5	2025	
43	LMV	Toyota	FORTUNER	2	2025	
44	LMV	Mahindra	MAHINDRA BOLERO CAMPER	8	2025	

**Note: - Additional machinery shall be mobilised at site as per progress requirements.**

# Mobilization of Resources

SR. NO.	EMPLOYEES NAME	DESIGNATION	DEPARTMENT	REMARKS
<b>A - Key Person</b>				
1	Avinash Kumar	General Manager	Management	
2	Manoj Kumar	Project Head	Management	
3	Amod Kumar	Project Manager	Management	
4	Kundan Kumar Sharma	Project Manager Str	Management	
<b>B - Planning &amp; Billing</b>				
1	Pradeep Singh	Q S Manager	Planning & Billing	
2	Lovey Johnson	Sr. Engineer	Planning & Billing	
3	Ramesh Dangi	Sr. Engineer	Planning & Billing	
4	Virendra Pal Rathore	Deo	Planning & Billing	
5	Abhishek Prajapat	Deo	Planning & Billing	
<b>C - Highway</b>				
1	Vinay Kumar	Sr Engineer Highway	Highway	
2	Vikas Kumar Pandey	Sr Engineer Highway	Highway	
3	Ashish Kumar	Sr Engineer Highway	Highway	
4	Bipin Kanojia	Sr Engineer Highway	Highway	
5	Arvind Kumar	Engineer Highway	Highway	
6	Ashish Kumar	Engineer Highway	Highway	
7	Bhanwara Ram	Supervisor	Highway	
<b>D - Structure</b>				
1	Shubham Saini	Dpm Structure	Structure	
2	Vikas Kumar Singh	Sr Engg Str	Structure	
3	Rohit Singh	Sr Engg Str	Structure	
4	Uma Shankar	Engg Str	Structure	
5	Muni Lal Singh	Executive Str	Structure	
6	Umesh Singh	Executive Str	Structure	
7	Raj Kumar	Executive Str	Structure	
8	Pavan Kumar	Sr Engg Str	Structure	
<b>E - QA/QC</b>				
1	Manoj Kumar Dhakar	Manager QA / QC	QA/QC	
2	Munna Kumar Nirala	Asst. Manager QA / QC	QA/QC	
3	Rajesh Kumar	Qc Engineer	QA/QC	
4	Bijaya Kumar Bhuyan	Sr. Lab Technician	QA/QC	
5	Shailesh Kumar	Sr. Lab Technician	QA/QC	
6	Madan Lal	Sr. Lab Technician	QA/QC	
7	Narendra	Lab Technician	QA/QC	
8	Ladu Singh	Lab Technician	QA/QC	
9	Soumya Ranjan Jena	Lab Technician	QA/QC	
10	Sanjay Kumar	Lab Technician	QA/QC	
11	Pappu Lal Gurjar	Lab Technician	QA/QC	
12	Aman Kumar Sah	Lab Helper	QA/QC	
13	Avdhesh Kumar	Lab Helper	QA/QC	
14	Vrand Kumar Marko	Lab Helper	QA/QC	
15	Bittu Kumar Gupta	Lab Helper	QA/QC	
16	Vimal	Lab Helper	QA/QC	
17	Hari Om Saxena	Lab Helper	QA/QC	
18	Jakir Ansari	Lab Helper	QA/QC	
19	Ravi Singh	Lab Helper	QA/QC	
<b>F - Survey</b>				
1	Pramod Kumar	Sr. Surveyor	Survey	
2	Krishan Kant Verma	Ts Opretor	Survey	
3	Dhanna Ram	Surveyor	Survey	
4	Alok Yadav	Surveyor	Survey	
5	Samir Kumar	Surveyor	Survey	
6	Babu Lal Nayal	Surveyor	Survey	
7	Gopi Ram	Surveyor	Survey	
8	Ram Chandra	Surveyor	Survey	
9	Dilip	Surveyor	Survey	

# Mobilization of Resources

SR. NO.	EMPLOYEES NAME	DESIGNATION	DEPARTMENT	REMARKS
10	Mahendra Bhinchar	Surveyor	Survey	
11	Babu Lal	Surveyor	Survey	
12	Bhala Ram Choudhry	Surveyor	Survey	
13	Sunil	Deo Survey	Survey	
14	Akash Sain	T S Survey Helper	Survey	
15	Vishnu Kumar	T S Survey Helper	Survey	
16	Teekam Singh	T S Survey Helper	Survey	
<b>G -Legal &amp; Liaison</b>				
1	Puneet Kumar Dubey	Agm	Legal & Liaison	
<b>H -HR/Admin</b>				
1	Anupam Singh	Manager	Hr/ Admin	
2	Mukesh	Asst. HR.	Hr/ Admin	
<b>I -Accounts</b>				
1	Gunesh Ram Vishnoi	Accountant	Accounts	
2	Asheesh Singh Bhadouria	Accountant	Accounts	
<b>J - Safety</b>				
1	A K Mohanty	Manager	Safety	
<b>K - Utility Shifting</b>				
1	Gopal Lal Dhabhai	Engineer	Utility Shifting	
<b>L - Store/Purchase</b>				
1	Abhishek Singh	Store Manager	Store	
2	Naresh Panday	Store Incharge	Store	
3	Prithvi Raj Singh	Store Incharge	Store	
4	Luna Ram	Deo Store	Store	
5	Dinesh	Store Purchase	Store	
6	Jitendra Choudhary	Store Keeper	Store	
7	Babu Ram	Diesel Supervisor	Store	
8	Vikash	Diesel Billing Store	Store	
9	Babu Ram	Supervisor ( Flyash )	Store	
10	Yuvraj Singh	Supervisor ( Flyash )	Store	
<b>M - Plant &amp; Machinery</b>				
1	Shailendra Kumar Upadhyay	Sr Engg Plant & Machinery	Plant & Machinery	
2	Murlidhar	Hod P&M	Plant & Machinery	
3	Sunil Kumar Patel	Sr Engg P & M	Plant & Machinery	
4	Hm Plant Operator	01 Nos	Plant & Machinery	
5	Hm Plant Astt Operator	02 Nos	Plant & Machinery	
6	Hm Plant Helper	01 Nos	Plant & Machinery	
7	CTB Plant Operator	01 Nos	Plant & Machinery	
8	CTB Plant Helper	02 Nos	Plant & Machinery	
9	Rmc Plant Operator	04 Nos	Plant & Machinery	
10	Rmc Plant Helper	01 Nos	Plant & Machinery	
11	DBM Paver Operator	01 Nos	Plant & Machinery	
12	DBM Paver Helper	01 Nos	Plant & Machinery	
13	Excavator Operator	18 Nos	Plant & Machinery	
14	Excavator Helper	06 Nos	Plant & Machinery	
15	Grader Operator	12 Nos	Plant & Machinery	
16	Grader Helper	02 Nos	Plant & Machinery	
17	JCB Operator	06 Nos	Plant & Machinery	
18	Roller Operator	11 Nos	Plant & Machinery	
19	Dozer Operator	04 Nos	Plant & Machinery	
20	Loader Operator	04 Nos	Plant & Machinery	
21	Loader Helper	01 Nos	Plant & Machinery	
22	Concrete Pump Operator	02 Nos	Plant & Machinery	
23	Tm Operator	14 Nos	Plant & Machinery	
24	Tm Helper	06 Nos	Plant & Machinery	
25	Crane Operator	01 Nos	Plant & Machinery	
26	Crane Helper	03 Nos	Plant & Machinery	
27	Boom Placer Operator	01 Nos	Plant & Machinery	

# Mobilization of Resources

SR. NO.	EMPLOYEES NAME	DESIGNATION	DEPARTMENT	REMARKS
28	Boom Placer Helper	02 Nos	Plant & Machinery	
29	Hydra Operator	04 Nos	Plant & Machinery	
30	Mechanic Helper	01 Nos	Plant & Machinery	
31	Tyre Fitter Helper	01 Nos	Plant & Machinery	
32	Lmv Driver	10 Nos	Plant & Machinery	
33	Hmv Driver	70 Nos	Plant & Machinery	
34	Welder	03 Nos	Plant & Machinery	
35	Mechanic	04 Nos	Plant & Machinery	
36	Astt Mechanic	03 Nos	Plant & Machinery	
37	Grease Man	01 Nos	Plant & Machinery	
38	Kabani Fitter	01 Nos	Plant & Machinery	
39	Tyre Fitter	01 Nos	Plant & Machinery	
40	Electrician	01 Nos	Plant & Machinery	
41	Auto Electrician	01 Nos	Plant & Machinery	
42	Supervisor	08 Nos	Plant & Machinery	

# Permission & Approvals

## STATUS OF PERMISSION AND APPROVALS AS PER SCHEDULE -E

Sr. No.		Actual Status
1	<b>State Government Permits (Quarrying Permits)</b>	
i	Permission of the State Government for Extraction of boulder from quarry	Obtained
ii	Permission of Village Panchayat & Pollution Control Board for installation of crusher	Obtained
iii	Permission of the State Government for drawing water from river/reservoir	Obtained
iv	Any other permits or clearances required under Applicable Laws	Obtained

# Status of Design & Drawing

A- HIGHWAY							
SR. NO.	DESCRIPTION	TOTAL	SUBMITTED	BALANCE TO SUBMIT	APPROVED	BALANCE TO APPROVED	REMARKS
		(KM.)	(KM.)	(KM.)	(KM.)	(KM.)	
1	Plan & Profile of Main Carriageway (Km. 102.000 to Km. 142.357)	40.357	40.357	0	40.357	0	
2	Plan & Profile of Service/Slip Road (Km. 102.000 to Km. 142.357)	17.915	17.915	0	17.915	0	
3	Plan & Profile of line drain (Km. 102.000 to Km. 142.357)	17.915	17.915	0	17.915	0	
4	RE Wall Design & Drawings	21 Nos	17	3	13	8	
B- STRUCTURES							
SR. NO.	DESCRIPTION	TOTAL	SUBMITTED	BALANCE TO SUBMIT	APPROVED	BALANCE TO APPROVED	REMARKS
		(NOS)	(NOS)	(NOS)	(NOS)	(NOS)	
1	Pipe Culvert	27	27	0	21	6	
2	Box Culvert	17	15	2	6	11	
3	Minor Bridge	12	11	1	4	8	
4	LVUP	6	6	0	6	0	
5	VUP	15	13	2	7	8	
6	Major Bridge	1	1	0	1	0	
TOTAL		78	73	5	45	33	

**Project: 4-laning of Shahganj bypass end to Badi (Package-IV) of NH-146B from design km 102.000 to design km 142.357 (Design Length 40.357 km) under NH(O) in the State of Madhya Pradesh on Hybrid Annuity Mode**  
**Physical Progress Report Up to January-2026**

Item	Stage for Measurement of Physical Progress	Unit	Qty.	Weightage in percentage to the Contract Price	Total Upto Date		
					Completed Qty.	Physical Progress % Age	
Road works including Culverts, Minor Bridges, Underpass, Overpass Approaches to ROB/RUB/ Major Bridges/Struct ures (But excluding Service Road)	<b>A- Widening and Strengthening of Existing Road</b>						
	(1) Earthwork up to top of the Subgrade	Km.	69.494	3.65%	29.017	1.525%	
	(2) Granular Work (Sub-Base, Shoulders)						
	(a) CTSB / GSB	Km.	69.494	4.20%	25.942	1.567%	
	(b) CTB	Km.	69.494	1.80%	23.071	0.598%	
	(c) AIL/WMM	Km.	69.494	1.68%	21.926	0.529%	
	(3) Shoulder/Median	Km.	41.550	0.09%	-	0.000%	
	<b>(4) Bituminous works</b>						
	(c) DBM	Km.	69.494	6.12%	20.996	1.849%	
	(d) BC	Km.	71.100	4.35%	-	0.000%	
	<b>(5) Rigid Pavement</b>						
	<b>B- New realignment/Bypass</b>						
	(1) Earthwork up to top of the Subgrade	Km.	9.614	0.59%	4.250	0.259%	
	(2) Granular Work (Sub-Base, Shoulders)						
	(a) CTSB/ GSB Realignment	Km.	9.614	0.53%	3.290	0.183%	
	(b) CTB Realignment	Km.	9.614	0.26%	3.000	0.080%	
	(c) AIL Realignment	Km.	9.614	0.24%	3.000	0.075%	
	(3) Shoulder	Km.	3.334	0.01%	-	0.000%	
	<b>(4) Bituminous works</b>						
	(c) DBM	Km.	9.614	0.82%	2.970	0.252%	
	(d) BC	Km.	9.614	0.60%	-	0.000%	
	<b>(5) Rigid Pavement</b>						
	<b>C- New Culverts, Minor Bridges, Underpasses, Overpasses on existing road, realignments, bypasses:</b>						
	<b>1) Box &amp; Pipe Culverts</b>			44.000	1.54%	28.000	0.978%
	<b>(2) Minor Bridges</b>						
	a) Foundation	Nos.	36.000	1.45%	18.000	0.723%	
	b) Sub-structure	Nos.	36.000	1.25%	16.000	0.555%	
	c) Super-structure (including crash barriers etc complete)	Nos.	36.000	0.96%	16.000	0.426%	
	<b>(3) Cattle/Pedestrian Underpass</b>						
	a) Foundation	Nos.					
	b) Sub-structure	Nos.					
	c) Super-structure (including crash barriers etc complete)	Nos.					
	<b>(4) Pedestrian Overpassess</b>						
	a) Foundation	Nos.					
	b) Sub-structure	Nos.					
	c) Super-structure (including crash barriers etc complete)	Nos.					
	<b>(5) Grade Separated Structures</b>						
	<b>(A) Underpass (VUP/LVUP)</b>						
	a) Foundation	Nos.	63.000	1.81%	30.000	0.862%	
	b) Sub-structure	Nos.	93.000	1.42%	31.000	0.473%	
c) Super-structure (including crash barriers etc complete)	Nos.	55.000	2.62%	9.000	0.428%		
<b>(B) Overpass</b>							
a) Foundation	Nos.						
b) Sub-structure	Nos.						
c) Super-structure (including crash barriers etc complete)	Nos.						
<b>(C) Flyover</b>							
a) Foundation	Nos.						
b) Sub-structure	Nos.						
c) Super-structure (including crash barriers etc complete)	Nos.						
<b>(D) Foot Over bridge</b>							
<b>(D) Foot Over bridge</b>							
Major Bridge works and ROB/RUB	<b>A- Widening and Repair of Major Bridges</b>						
	(1) Foundation	Nos.					
	(2) Sub-Structure	Nos.					
	(3) Super-structure (including crash barriers etc complete)	Nos.					
	<b>B- Widening and Repair of</b>						
	<b>(a) ROB</b>						
	(1) Foundation	Nos.					
	(2) Sub-Structure	Nos.					
	(3) Super-structure (including crash barriers etc complete)	Nos.					
	<b>(b) RUB</b>						
	(1) Foundation	Nos.					
	(2) Sub-Structure	Nos.					
	(3) Super-structure (including crash barriers etc complete)	Nos.					
	<b>C- New Major Bridges</b>						
			<b>20</b>				

Item	Stage for Measurement of Physical Progress	Unit	Qty.	Weightage in percentage to the Contract Price	Total Upto Date	
					Completed Qty.	Physical Progress % Age
	(1) Foundation					
	(a) Open Foundation	Nos.	10.000	0.14%	10.000	0.138%
	(b) Pile Foundation/Well Foundation	Nos.				
	(2) Sub-structure	Nos.	10.000	0.24%	9.000	0.220%
	(3) Super-structure (including crash barriers etc complete)	Nos.				
	(a) On Casting	Nos.	32.000	0.25%	32.000	0.253%
	(b) On Erection	Nos.	32.000	0.38%	-	0.000%
	<b>D- New Rail Road Bridges</b>					
	<b>(a) ROB</b>					
	(1) Foundation	Nos.				
	(2) Sub-structure	Nos.				
	(3) Super-structure (including crash barriers etc complete)	Nos.				
	<b>(b) RUB</b>					
	(1) Foundation	Nos.				
	(2) Sub-structure	Nos.				
	(3) Super-structure (including crash barriers etc complete)	Nos.				
	<b>Structures (Elevated Section, Reinforced earth)</b>	(1) Foundation	Nos.			
(2) Sub-structure		Nos.				
(3) Super-structure (including crash barriers etc complete)		Nos.				
(4) Reinforced Earth Wall (Including approaches of ROB, Underpasses, Overpass, Flyover etc)		Sqm				
(a) On Casting		Sqm	134050	1.71%	92,196.406	1.175%
(b) On Erection		Sqm	134050	32.45%	55,584.553	13.457%
<b>Electrical and Public Health Utilities</b>	(a) EHT line	Km				
	(b) EHT crossing	No				
	(c) HT/LT lines (including Transformers if any)	Km	118.950	3.66%	93.65	2.884%
	(d) HT/LT crossings	No	124.000	1.28%	11.00	0.114%
	(e) Water pipeline	Km	7.600	0.67%	2.200	0.194%
	(f) Water pipeline crossings	No				
	(g) Sewage line	Km				
	(h) Sewage line crossings	No				
<b>Other works</b>	<b>(i) Service Roads/Slip Roads</b>					
	(1) Earth Work Up to BC Top	Km.	35.830	5.91%	-	0.000%
	<b>(ii) Toll Plaza</b>	Nos.	1.000	2.25%	-	0.000%
	<b>(iii) Road Side Drains</b>	Km.	35.830	5.16%	8.86	1.276%
	<b>(iv) Road signs, markings, Km. Stones, Safety Devices etc.</b>					
	(a) Road signs, markings, Km. Stones, etc.	Km.	40.357	1.73%	-	0.000%
	(f) Concrete Crash Barrier/W-beam Crash Barrier in Road	Km.	28.770	2.96%	-	0.000%
	<b>(v) Project Facilities</b>					
	(a) Bus Bays/ Shelters	Nos.				
	(b) Truck Lay Bys	Nos.				
	(c) Rest Areas	Nos.				
	(vi) Highway Lighting	Nos.				
	<b>(vii) Road side plantation</b>	Km.	39.554	0.18%	-	0.000%
	<b>(viii) Protection works</b>					
	a) Boulders pitching on slopes	Km.				
	b) Toe/Retaining wall	Km.	1.928	0.35%	0.270	0.049%
	<b>(ix) Tunnel</b>	Km.				
	a) Excavation	Meter				
	b) Construction of support system including rock bolting, lining etc.	Meter				
	c) On Completion of Tunnel	Meter				
	<b>(x) Miscellaneous</b>					
	(a) Rain Water Harvesting (At Every 2 Km within ROW)	Nos.	20.000	0.07%	-	0.000%
	(b) Street Lightning	Nos.	1156.714	0.90%	-	0.000%
	(c) Boundary wall/ Fencing Works	km	79.108	2.51%	-	0.000%
	(d) Culverts on Cross Road	Nos.	45.000	0.46%	-	0.000%
	(e) Utility Pipe 600 Dia	Nos.	80.000	0.12%	20.500	0.030%
	(f) Bus Shelter	Nos.	21.000	0.05%	-	0.000%
(g) Junctions	Nos.	46.000	0.55%	-	0.000%	
(h) Unlined Drain	km	43.278	0.05%	-	0.000%	
			<b>100.00%</b>		<b>31.150%</b>	

Project Starting Ch. 102000  
 Project Ending Ch. 142357  
 Ch. Interval 100

Date  
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Work In Progress(WIP)	
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Workfront Available (WA)	
Workfront Unavailable (WUA)	

Project Starting Ch. 102000  
 Project Ending Ch. 142357  
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RHS-Service Road Const.		RHS	SR																																																																																																																																																																																																																																																																																																																																																																																											
RHS_RCC Drain		RHS	Drain																																																																																																																																																																																																																																																																																																																																																																																											
RE Wall		BHS																																																																																																																																																																																																																																																																																																																																																																																												
Status of Structures																																																																																																																																																																																																																																																																																																																																																																																														
Structure Chainage				111+790																																															112+710																																															113+575																																															114+100	114+365																																															114+870	115+050																																															115+675																																															116+440																																															118+420	118+690																																														
Types of Structures				HPC																																															VUP																																															VUP																																															HPC	MNB																																															Box Culvert	HPC																																															LVUP																																															MNB																																															Box Culvert	VUP																																														

Legends	
Not Started (Blank)	
Work In Progress(WIP)	Yellow
Completed(COM)	Green
Workfront Available (WA)	Blue
Workfront Unavailable (WUA)	Red



Project Starting Ch. 102000  
 Project Ending Ch. 142357  
 Ch. Interval 100

Date  
 28-02-2026

LHS_RCC Drain		LHS	Drain																																																																																								
LHS-Service Road Const.		LHS	SR																																																																																								
SR Workfront Available		LHS	SR																																																																																								
LHS-MCW Construction	BC	LHS	MCW																																																																																								
	DBM	LHS	MCW																																																																																								
	AIL	LHS	MCW																																																																																								
	CTB	LHS	MCW																																																																																								
	CTSB	LHS	MCW																																																																																								
	Sub-Grade	LHS	MCW																																																																																								
	Emb. Top	LHS	MCW																																																																																								
	C&G	LHS	MCW																																																																																								
LHS-MCW Workfront	Other Hindrances	LHS	MCW																																																																																								
	Workfront Available	LHS	MCW																																																																																								
Chainage				128+400	128+500	128+600	128+700	128+800	128+900	129+000	129+100	129+200	129+300	129+400	129+500	129+600	129+700	129+800	129+900	130+000	130+100	130+200	130+300	130+400	130+500	130+600	130+700	130+800	130+900	131+000	131+100	131+200	131+300	131+400	131+500	131+600	131+700	131+800	131+900	132+000	132+100	132+200	132+300	132+400	132+500	132+600	132+700	132+800	132+900	133+000	133+100	133+200	133+300	133+400	133+500	133+600	133+700	133+800	133+900	134+000	134+100	134+200	134+300	134+400	134+500	134+600	134+700	134+800	134+900	135+000	135+100	135+200	135+300	135+400	135+500	135+600	135+700	135+800	135+900	136+000	136+100	136+200	136+300	136+400	136+500	136+600	136+700	136+800	136+900	137+000	137+100
RHS-MCW Workfront	Workfront Available	RHS	MCW																																																																																								
	Other Hindrances	RHS	MCW																																																																																								
RHS-MCW Construction	C&G	RHS	MCW																																																																																								
	Emb. Top	RHS	MCW																																																																																								
	Sub-Grade	RHS	MCW																																																																																								
	CTSB	RHS	MCW																																																																																								
	CTB	RHS	MCW																																																																																								
	AIL	RHS	MCW																																																																																								
	DBM	RHS	MCW																																																																																								
	BC	RHS	MCW																																																																																								
SR Workfront Available		RHS	SR																																																																																								
RHS-Service Road Const.		RHS	SR																																																																																								
RHS_RCC Drain		RHS	Drain																																																																																								
RE Wall		BHS																																																																																									
Status of Structures																																																																																											
Structure Chainage				Box Culvert 129+365																													LVUP 131+395	HPC 131+640	HPC 132+110	HPC 132+215	Box Culvert 133+200																			HPC 135+775	VUP 135+950	MNB 135+950	Box Culvert 136+985																																
Types of Structures				Box Culvert																													LVUP	HPC	HPC	HPC	Box Culvert																			HPC	VUP	MNB	Box Culvert																																

Legends	
Not Started (Blank)	
Work In Progress(WIP)	
Completed(COM)	
Workfront Available (WA)	
Workfront Unavailable (WUA)	



## SAFETY & HEALTH

- ➔ Safety Officers along with supporting staff are deployed at Site to take care of safety aspects and Traffic Management.
- ➔ Safety & Traffic Management Systems implemented at locations wherever work is in progress as per the Safety & Traffic Management plan submitted to your office vide our letter no. SBHPL/NHAI/FY24-25/63 dated 05.04.2025. Further, utmost care will be taken for safety of the work force as well as road users while carrying out the various activities.
- ➔ All culverts under construction are barricaded, with hard board, delineators & Safety tape as applicable.
- ➔ Road work under execution are barricaded with sand bags by sticking radium tape along the stretch for effective night vision.
- ➔ Identification of activity based PPE requirement and provided to all workman and enforced to use it, like Nose Mask, Spectacles, Gum boots, Hard Hat, fluorescent jackets, safety belts, safety shoes etc.
- ➔ Provision of water tankers for sprinkling water to dust control in/along works on the highway, access road, plants site and sprinkling system at crusher sites etc.
- ➔ All VUP's & Minor Bridges under construction is barricaded with hard board, Warning boards & Sign board, delineators & Safety tape, as applicable.
- ➔ Over all housekeeping in the camp and plant site.
- ➔ The awareness/training program on HSE for workers is being conducted periodically like fire safety/flagmen/safe driving training etc. and tool box talk conducted at site on regular basis by the HSE team.
- ➔ All the structural work/form work/scaffolding taken up as per approved drawing and methodology will be assured by concerned Engineers.
- ➔ First Aid Box in available at Camp office & plants.
- ➔ All speed breakers have been painted with white strip for night visibility.
- ➔ Bushes are removed from the shoulders side to enhance better visibility wherever is required.
- ➔ Safety Officer : Mr. , Akshay Mohanty
- ➔ Safety Supervisor for Site.
- ➔ Use of Safety Jackets & Helmets will be in Routine process of Execution.
- ➔ Contractor will conduct/celebrate special safety week. The follwing activity will be carried out during road safety days.
- ★ Road safety awareness programme at important location like Gram Panchayat within 2 Kms from Project Highway, all major junctions/Intersections, Bus Stand and Urban Areas, using mobile van with audio and visual effect will be conducted regularly.

## SAFETY & HEALTH

- ★ Distribution of pamphlets etc to road users, all Police Station, Petrol Pumps, School and at Location where awareness programme will be conducted.
- ★ Display of "Flexi Road Sinages" banner at various prominent locations.
- ★ In house training & awareness programme at our camp for all Drivers and Operators.
- ★ Distribution of Book on Road Safety Signage & Signs (Issued by MoRTH),and Manual of Roads Safety Education to District Administrative/Police Officers.
- ➡ Vents of All Existing and Newly Constructed Structures will be opened.

## QUALITY

EPC Contractor has established a full fledged laboratory within the site office premises at the Following Locations:-

1. Base Camp-1 @ Km. 107+500 RHS

All required tests related to execution of various activities in Highway & Structure works as per frequencies and requirements of the IRC codal provisions are being carried out. In-house Team of EPC Contractor is conducting the tests independently to ensure quality.

The details of tests carried out are given in **Annexure-1**.

Weather report for the month is given in **Annexure-2**.

**CONSTRUCTION OF 4-LANING OF SHAHGANJ BYPASS END TO BADI (PACKAGE-IV) OF NH-146B FROM DESIGN KM 102+000 TO DESIGN KM142+357(DESIGN LENGTH 40.357 KM) UNDER NH(O) IN THE STATE OF MADHYA PRADESH ON HYBRID ANNUITY MODE**



CLIENT : NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 CONCESSIONAIRE : SHAHGANJ BADI HIGHWAY PRIVATE LIMITED  
 INDEPENDENT ENGINEER : SAPTAGON ASIA PVT. LTD.  
 EPC CONTRACTOR : MCC INFRA TECH PRIVATE LIMITED

**MONTHLY PROGRESS REPORT FOR THE MONTH OF FEBRUARY 2026 PACKAGE-IV**

SL NO	DESCRIPTION	TYPE OF TEST	FREQUENCY OF TESTING	NO.OF TEST CONDUCTED TILL PREVIOUS MONTH	TOTAL TEST CONDUCTED FOR THIS MONTH	NO.OF TEST CONDUCTED FOR THE MONTH		NO.OF TEST CONDUCTED UPTO MONTH	TEST WITNESSED BY IE/NHAI REP.			REMARKS
						PASS	FAIL		NO.OF TEST WITNESSED TILL PREVIOUS MONTH	TOTAL TEST WITNESSED FOR THIS MONTH	TOTAL NO.OF TEST WITNESSED UPTO MONTH	
1	OGL	Gradation	1 Tests/ 250 Rm	117				117				
		Proctor	1 Tests/ 250 Rm	117				117				
		Atterberg Limits	1 Tests/ 250 Rm	117					117			
		Free Swell Index	1 Tests/ 250 Rm	117					117			
		CBR	As required	10					10			
		Field Density	10 Density measurement/ 3000 m <sup>2</sup>	1700	10	10	10	1710	41		41	
2	BORROW AREA MATERIAL	Gradation	2 Tests/ 3000 m <sup>3</sup>	822	120	120		942	108	14	122	
		Proctor	2 Tests/ 3000 m <sup>3</sup>	822	120	120		942	108	14	122	
		Atterberg Limits	2 Tests/ 3000 m <sup>3</sup>	822	120	120		942	108	14	122	
		Free Swell Index	2 Tests/ 3000 m <sup>3</sup>	822	120	120		942	108	14	122	
		CBR	1 Test/3000 m <sup>3</sup>	419	60	60		479	56	8	64	
3	FIELD DRY DENSITY (FDD) TEST	Embankment Layer	10 Density measurement/ 3000 m <sup>2</sup>	29180	5780	5765	15	34960	936	30	966	
		Subgrade layer	10 Density measurement/ 2000 m <sup>2</sup>	5112	891	891		6003	484	96	580	
		Shoulder	10 Density measurement/ 2000 m <sup>2</sup>									
4	GRANULAR SUBBASE [ G.S.B ]	Gradation	1 Test/ 400 m <sup>3</sup>	158	11	11		169	31	3	34	
		Atterberg's Limits	1 Test/ 400 m <sup>3</sup>	146	11	11		157	25	3	28	
		Proctor	As required	2				2	1		1	
		CBR	As required	2				2	1		1	
		AIV	As required	84	11	11		95	21	3	24	
		Field Density	1 Test/ 1000 m <sup>2</sup>	1336	120	120		1456	115	20	135	
5	CEMENT TREATED SUB BASE [ CTSB ]	Gradation	1 Test/ 400 cum of mix	228	51	51		279	72	10	82	
		Atterberg's Limits	1 Test/ 400 cum of mix	218	51	51		269	62	10	72	
		Proctor	As required	2				2	2		2	
		AIV	As required	56	12	12		68	24	4	28	
		07 Days Unconfined Compressive Strength (UCS)	1 Test of 3 Specimens 400 tonnes of mix (2 test per Day.)	232	56	56		288	79	10	89	
		Field Density	1 Specimens of 2 Test/ 500 sq.m	1324	326	326		1650	322	10	332	
6	CEMENT TREATED BASE [ CTB ]	Gradation	1 Test/ 400 cum of mix	105	20	20		125	48	6	54	
		Atterberg's Limits	1 Test/ 400 cum of mix	96	20	20		116	39	6	45	
		Proctor	As required	1				1	1		1	
		AIV	As required	49	7	7		56	20	3	23	
		07 Days Unconfined Compressive Strength (UCS)	1 Test of 3 Specimens 400 tonnes of mix (2 test per Day.)	131	32	32		163	52	5	57	
		07 Days Flexural Strength	1 Test of 3 Specimens 400 tonnes of mix (2 test per Day.)	129	32	32		161	52	5	57	
		Field Density	1 Specimens of 2 Test/ 500 sq.m	850	198	198		1048	188	6	194	

**MONTHLY PROGRESS REPORT FOR THE MONTH OF FEBRUARY 2026 PACKAGE-IV**

SL NO	DESCRIPTION	TYPE OF TEST	FREQUENCY OF TESTING	NO.OF TEST CONDUCTED TILL PREVIOUS MONTH	TOTAL TEST CONDUCTED FOR THIS MONTH	NO.OF TEST CONDUCTED FOR THE MONTH		NO.OF TEST CONDUCTED UPTO MONTH	TEST WITNESSED BY IE/NHAI REP.			REMARKS
						PASS	FAIL		NO.OF TEST WITNESSED TILL PREVIOUS MONTH	TOTAL TEST WITNESSED FOR THIS MONTH	TOTAL NO.OF TEST WITNESSED UPTO MONTH	
7	<b>AGGREGATE INTER LAYER [ AIL ]</b>	Gradation of Mix Agg.	1 Test/ 200 m <sup>3</sup>	122	44	44		166	46	12	58	
		Atterberg's Limits	1 Test/ 200 m <sup>3</sup>	113	44	44		157	37	12	49	
		Proctor	As required	1				1	1		1	
		AIV Test	1 Test/ 1000 m <sup>3</sup>	56	21	21		77	16	4	20	
		Fl& El Test	1 Test/ 500 m <sup>3</sup>	66	25	25		91	20	5	25	
		Field Density	1 Set of 3 Test/ 1000 m <sup>2</sup>	735	287	287		1022	150	10	160	
8	<b>WET MIX MACADAM [ W.M.M ]</b>	Gradation of Mix Agg.	1 Test/ 200 m <sup>3</sup>	3				3				
		Atterberg's Limits	1 Test/ 200 m <sup>3</sup>	1				1				
		Proctor	As required	1				1				
		AIV Test	1 Test/ 1000 m <sup>3</sup>	1				1				
		Fl& El Test	1 Test/ 500 m <sup>3</sup>	1				1				
		Field Density	1 Set of 3 Test/ 1000 m <sup>2</sup>									
9	<b>PRIME COAT Emulsion SS-1</b>	Viscosity	1 tests/Lot	5	2	2		7		1	1	
		Residue 600mic	1 tests/Lot	5	2	2		7		1	1	
		Rate of Spread of Binder	3 Tests/ Day	120	45	45		165		12	12	
10	<b>TACK COAT Emulsion RS-1</b>	Viscosity	1 tests/Lot	2	1	1		3				
		Residue 600mic	1 tests/Lot	2	1	1		3				
		Residue Evaporation	1 tests/Lot	2	1	1		3				
		Rate of Spread of Binder	3 Tests/ Day		15	15		15		3	3	
11	<b>BITUMEN</b>	Penetration	1 tests/Lot	40	25	25		65	5	3	8	
		Viscosity	1 tests/Lot	40	25	25		65	5	3	8	
		Softening Point	1 tests/Lot	40	25	25		65	5	3	8	
12	<b>DENSE BITUMINOUS MACADAM [D.B.M]</b>	Agg. Impact Value	1 Test/ 350 m <sup>3</sup>	44		21		65	69	6	75	
		Fl& El Indices	1 Test/ 350 m <sup>3</sup>	44	21	21		65	69	6	75	
		Sp.Gravity & W.Absorption	1 Set of Test on Source	4				4	4		4	
		Mix Gradation	1 Test/400 Tons	90	41	41		131	146	12	158	
		Stability of Mix	1 Set/400 Tons	94	41	41		135	150	12	162	
		Binder Content	1Test/400 Tons	87	41	41		128	143	12	155	
		Gmm	1Test/day/plant	92	41	41		133	148	12	160	
		Density of Core	1Test/ 700 m <sup>2</sup>	199	103	103		302	112	53	165	

**MONTHLY PROGRESS REPORT FOR THE MONTH OF FEBRUARY 2026 PACKAGE-IV**

SL NO	DESCRIPTION	TYPE OF TEST	FREQUENCY OF TESTING	NO.OF TEST CONDUCTED TILL PREVIOUS MONTH	TOTAL TEST CONDUCTED FOR THIS MONTH	NO.OF TEST CONDUCTED FOR THE MONTH		NO.OF TEST CONDUCTED UPTO MONTH	TEST WITNESSED BY IE/NHAI REP.			REMARKS
						PASS	FAIL		NO.OF TEST WITNESSED TILL PREVIOUS MONTH	TOTAL TEST WITNESSED FOR THIS MONTH	TOTAL NO.OF TEST WITNESSED UPTO MONTH	
13	BITUMINOUS CONCRETE [ B.C]	Agg. Impact Value	1 Test/ 350 m <sup>3</sup>									
		Fl& El Indices	1 Test/ 350 m <sup>3</sup>									
		Sp.Gravity & W.Absorption	1 Set of Test									
		Mix Gradation	1 Test/400 Tons									
		Stability of Mix	1 Set/400 Tons									
		Control of binder & Grada.in the mix	1Test/400 Tons									
		Gmm	1Test/day/plant									
		Density of Core	1Test/ 700 m <sup>2</sup>									
14	CONCRETE	<b>COMPRESSIVE STRENGTH -</b>										
		<b>M -10 GRADE PCC</b>										
		07 Days	As per MoRT&H	108	5	5		113	13		13	
		28 Days		205	4	4		209	60		60	
		<b>M -15 GRADE PCC</b>										
		07 Days	As per MoRT&H	454	74	74		528	73	8	81	
		28 Days		698	76	76		774	141	8	149	
		<b>M -20 GRADE RCC</b>										
		07 Days	As per MoRT&H	57	2	2		59	13		13	
		28 days		96				96	26		26	
		<b>M -20 GRADE (KERB)</b>										
		07 Days	As per MoRT&H									
		28 Days										
		<b>M -25 GRADE RCC</b>										
		07 Days	As per MoRT&H	491	91	91		582	100	10	110	
		28 Days		744	32	32		776	169	5	174	
		<b>M -30 GRADE RCC &amp; Precast</b>										
		07 Days	As per MoRT&H	215	39	39		254	60	5	65	
		28 Days		478	61	61		539	103	19	122	
		<b>M -35 GRADE RCC &amp; Precast</b>										
		07 Days	As per MoRT&H	909	77	77		986	217	10	227	
		28 Days		2484	249	249		2733	587	34	621	
		<b>M -40 GRADE RCC</b>										
		07 Days	As per MoRT&H	592	61	61		653	137	7	144	
		28 Days		1121	157	157		1278	289	33	322	
		<b>M -45 GRADE RCC</b>										
		07 Days	As per MoRT&H									
		28 Days										
<b>M -50 GRADE RCC</b>												
07 Days	As per MoRT&H	42	4	4		46	22	1	23			
28 Days		119	6	6		125	62	4	66			

**MONTHLY PROGRESS REPORT FOR THE MONTH OF FEBRUARY 2026 PACKAGE-IV**

SL NO	DESCRIPTION	TYPE OF TEST	FREQUENCY OF TESTING	NO.OF TEST CONDUCTED TILL PREVIOUS MONTH	TOTAL TEST CONDUCTED FOR THIS MONTH	NO.OF TEST CONDUCTED FOR THE MONTH		NO.OF TEST CONDUCTED UPTO MONTH	TEST WITNESSED BY IE/NHAI REP.			REMARKS
						PASS	FAIL		NO.OF TEST WITNESSED TILL PREVIOUS MONTH	TOTAL TEST WITNESSED FOR THIS MONTH	TOTAL NO.OF TEST WITNESSED UPTO MONTH	
15	DLC	07 Days	One set / 1000 Sqm									
		Field Density	3 Density Holes/2000 Sqm									
16	PQC	<b>M -40 GRADE</b>										
		Cubes 07 Days	As per MoRT&H									
		28 Days										
		Beams 07 Days										
28 Days												
17	CEMENT	Consistency	1 Test / week/Source	57	6	6		63	17	2	19	
		Initial and Final Setting Time	1 Test / week/Source	57	6	6		63	17	2	19	
		Specific Gravity	As & when Required									
		Soundness	1 Test / week/Source	57	6	6		63	17	2	19	
		Finness	1 Test / week/Source	57	6	6		63	17	2	19	
		Compressive Strength	1 Test / week/Source	158	17	17		175	40	3	43	
18	CEMENT GROUT	Compressive Strength	1 Set / Day/Girder									
19	CEMENT MORTAR	Compressive Strength	1 Set / Day									
20	WATER	Water Tests	Every 3 month	7				7				
21	STEEL	32mm dia.	500 MT/Samples	4				4				
		25 mm dia.	500 MT/Samples	5				5				
		20 mm dia.	500 MT/Samples	7				7				
		16 mm dia.	500 MT/Samples	7				7				
		12 mm dia.	500 MT/Samples	6				6				
		10 mm dia	500 MT/Samples	5				5				
		8 mm dia	500 MT/Samples	4				4				
		Structural Steel	Each and every Lot	1				1				
22	FINE AGGREGATE	Sieve Analysis	1 Test/day/plant/Source	365	28	28		393	67	4	71	
		Sp.Gravity & W.Absorption	As & when Required	5				5	1		1	
		Organic Impurities	As & when Required									
23	COARSE AGGREGATES	Sieve Analysis	1 Test/day/plant/Source	998	84	84		1082	232	12	244	
		Sp.Gravity & W.Absorption	As & when Required	6				6	2		2	
		A I V Tests	1 Test/week/plant/Source	47	4	4		51	14	1	15	
		E.I & F.I Index	1 Test/Fort night/plant	46	4	4		50	14	1	15	
24	CALIBRATION	Plant	Every 3 month	10	1	1		11	7		7	
		Lab. Equipments	As per Calibration Plan	107	1	1		108	37	1	38	

**CONSTRUCTION OF 4-LANING OF SHAHGANJ BYPASS END TO BADI (PACKAGE-IV) OF NH-146B FROM DESIGN KM 102+000 TO DESIGN KM142+357 (DESIGN LENGTH 40.357 KM) UNDER NH(O) IN THE STATE OF MADHYA PRADESH ON HYBRID ANNUITY MODE**



CLIENT : NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 CONCESSIONAIRE : SHAHGANJ BADI HIGHWAY PRIVATE LIMITED  
 INDEPENDENT ENGINEER : SAPTAGON ASIA PVT. LTD.  
 EPC CONTRACTOR : MCC INFRATECH PRIVATE LIMITED

**WEATHER RECORD FOR THE MONTH FEBRUARY- 2026 Lab @ Ch-107+500 RHS**

SR. No	DATE	RAIN FALL IN (MM)	CUMM RAIN FALL IN (MM)	HUMIDITY (%)	TEMPRATURE °C		REMARKS
					8:00 AM		
					MIN	MAX	
1	01-Feb-26	0.0	0.0	72	13.0	25.0	
2	02-Feb-26	0.0	0.0	74	13.2	25.1	
3	03-Feb-26	0.0	0.0	73	15.6	26.2	
4	04-Feb-26	0.0	0.0	74	15.0	26.0	
5	05-Feb-26	0.0	0.0	70	14.0	26.0	
6	06-Feb-26	0.0	0.0	72	12.3	27.2	
7	07-Feb-26	0.0	0.0	73	11.7	28.5	
8	08-Feb-26	0.0	0.0	74	12.0	28.0	
9	09-Feb-26	0.0	0.0	70	11.3	28.1	
10	10-Feb-26	0.0	0.0	74	12.0	30.2	
11	11-Feb-26	0.0	0.0	73	14.5	30.0	
12	12-Feb-26	0.0	0.0	70	13.5	29.2	
13	13-Feb-26	0.0	0.0	71	14.2	30.6	
14	14-Feb-26	0.0	0.0	69	14.0	30.0	
15	15-Feb-26	0.0	0.0	68	13.5	36.2	
16	16-Feb-26	0.0	0.0	70	13.0	30.0	
17	17-Feb-26	0.0	0.0	68	14.1	30.2	
18	18-Feb-26	0.0	0.0	72	16.2	31.5	
19	19-Feb-26	0.0	0.0	69	15.0	27.4	
20	20-Feb-26	0.0	0.0	70	16.6	25.2	
21	21-Feb-26	0.0	0.0	68	15.8	29.8	
22	22-Feb-26	0.0	0.0	69	15.4	31.5	
23	23-Feb-26	0.0	0.0	72	15.3	32.2	
24	24-Feb-26	0.0	0.0	68	14.7	32.6	
25	25-Feb-26	0.0	0.0	71	15.0	31.5	
26	26-Feb-26	0.0	0.0	68	14.6	32.7	
27	27-Feb-26	0.0	0.0	69	14.8	34.2	
28	28-Feb-26	0.0	0.0	70	15.2	34.0	

**CONSTRUCTION OF 4-LANING OF SHAHGANJ BYPASS END TO BADI (PACKAGE-IV) OF NH-146B FROM DESIGN KM 102+000 TO DESIGN KM142+357(DESIGN LENGTH 40.357 KM) UNDER NH(O) IN THE STATE OF MADHYA PRADESH ON HYBRID ANNUITY MODE**



CLIENT : NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 CONCESSIONAIRE : SHAHGANJ BADI HIGHWAY PRIVATE LIMITED  
 INDEPENDENT ENGINEER : SAPTAGON ASIA PVT. LTD.  
 EPC CONTRACTOR : MCC INFRATECH PRIVATE LIMITED

**LIST OF LAB EQUIPMENTS @ Ch-107+500 RHS, JAWAHARKHEDA  
 (MAIN CAMP)**

Sr. NO.	ITEM NAME	CAPACITY	Total Available Qty	REMARK
1	PROCTOR MOULD	2250 CC	5	
2	PROCTOR MOULD	1000 cc	3	
3	PROCTOR RAMMER	4.89 Kg.	5	
4	PROCTOR RAMMER	2.6 Kg.	3	
5	CUTTER SCALE FOR PROCTOR		5	
6	HEMMAR (Rubber)		2	
7	HEMMAR (Iron)		3	
8	GLOVES RUBBER		15	
9	GLOVES COTTON		15	
10	C.B.R MOULD	2250 cc	66	
11	C.B.R MACHINE		1	
12	PROVING RING	50 KN	1	
13	PROVING RING	30 KN	1	
14	PROVING RING	2.5 KN	1	
15	DIFFLECTION DIAL GUAGE	25 MM	20	
16	SURCHARGE WEIGHT	05 Kg.	16	
17	SURCHARGE WEIGHT	2.5 Kg.	62	
18	SPACER DISC FOR CBR		2	
19	PERFORATED PLATE		46	
20	PLUNGER FOR CBR		5	
21	TRIPOD FOR CBR		30	
22	SPATULA	4 Inch	6	
23	CONE PENETROMETER (LL/PI)		1	
24	LIQUID LIMIT DEVICE WITH GROOVING TOOLS CASSGRAND APP.FOR LL/PI		1	
25	MOISTURE CONTAINER	A SIZE	60	
26	MOISTURE CONTAINER	B SIZE	40	
27	MOISTURE CONTAINER	C SIZE	178	
28	ELECTRONIC BALANCE (Platform Balance)	200 Kg.	1	
29	ELECTRONIC BALANCE	50 Kg.	1	
30	ELECTRONIC BALANCE	30 Kg.	2	
31	ELECTRONIC BALANCE	20 Kg.	1	
32	ELECTRONIC BALANCE	10 Kg.	2	
33	ELECTRONIC BALANCE	5 Kg	1	
34	ELECTRONIC BALANCE	600 gm	2	
35	CHEMICIAL BALANCE	110 gm	1	
36	POURING CYLINDER (SMALL) FDD SET	100 MM	2	
37	POURING CYLINDER (MEDIUM) FDD SET	150 MM	2	
38	POURING CYLINDER (BIG) FDD SET	200 mm	2	
39	POURING CYLINDER TRAY (SMALL) FDD	100 MM	2	
40	POURING CYLINDER TRAY(MEDIUM) FDD	150 MM	2	
41	POURING CYLINDER TRAY(BIG) FDD	200 mm	2	

**CONSTRUCTION OF 4-LANING OF SHAHGANJ BYPASS END TO BADI (PACKAGE-IV) OF NH-146B FROM DESIGN KM 102+000 TO DESIGN KM142+357(DESIGN LENGTH 40.357 KM) UNDER NH(O) IN THE STATE OF MADHYA PRADESH ON HYBRID ANNUITY MODE**



CLIENT : NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 CONCESSIONAIRE : SHAHGANJ BADI HIGHWAY PRIVATE LIMITED  
 INDEPENDENT ENGINEER : SAPTAGON ASIA PVT. LTD.  
 EPC CONTRACTOR : MCC INFRATECH PRIVATE LIMITED

**LIST OF LAB EQUIPMENTS @ Ch-107+500 RHS, JAWAHARKHEDA  
(MAIN CAMP)**

Sr. NO.	ITEM NAME	CAPACITY	Total Available Qty	REMARK
42	RAPID MOISTURE METER (RMM)	Capacity 25%	2	
43	CALCIUM CARBIDE FOR RMM	PACKETS	10	
44	MEASURING CYLINDER (GLASS)	100 ml.	45	
45	MEASURING CYLINDER (GLASS)	500 ml.	7	
46	MEASURING CYLINDER (GLASS)	1000 ml.	2	
47	MEASURING CYLINDER (PLASTIC)	500 ml.	2	
48	MEASURING CYLINDER (PLASTIC)	1000 ml.	2	
49	BEAKER (GLASS)	500 ml.	8	
50	BEAKER (GLASS)	1000 ml.	1	
51	BOROSIL FLASK	100 ml.	1	
52	GMM FILTERING FLASK WITH RUBBER CO	500 ml	1	
53	GMM FILTERING FLASK WITH RUBBER CO	2000 ml	2	
54	GMM FILTERING FLASK WITH RUBBER CO	5000 ml	2	
55	FUNNEL	50mm,100mm	1 Each	
56	PIPETTE BOROSILICATE GLASS	10ml X.01ml	4	
57	GLASS ROD	8mm Dia X 8" Long	2	
58	PYCNOMETER BOTTEL FOR SPG		8	
59	DEPTH MEASURING SCALE	300 mm	3	
60	GLASS PLATE	100X80 mm	2	
61	GLASS PLATE	200X200 mm	2	
62	GLASS PLATE	600X600 mm	1	
63	DIGITAL THERMOMETER	0°C TO 300°C	6	
64	GLASS THERMOMETER	0°C TO 250°C	8	
65	INFRARED THERMOMETER	-50°C TO 500°C	2	
66	DIAL TEMPERATURE GAUGE	0°C TO 300°C	4	
67	VERNIER CALIPER DIGITAL	300 mm	1	
68	HYDROMETER	0.80 to 0.90, 1.0 to 1.5 & 1.0 to 2.0	1 Each	
69	STOP WATCH		2	
70	HYGROMETER	MIN. & MAX. TEMP.	2	
71	GI TRAY (BIG SIZE)	1200X1000 MM	3	
72	GI TRAY (BIG SIZE)	1000X1000 MM	1	
73	GI TRAY (BIG SIZE)	1000X500 MM	2	
74	ENAMEL TRAY	600X450 MM	6	
75	GI TRAY	600X450 MM	16	
76	GI TRAY (MEDIUM SIZE)	600X400 MM	1	
77	GI TRAY (SMALL SIZE)	400X350MM	1	
78	ENAMEL TRAY (SMALL SIZE)	450X300 MM	15	
79	GI TRAY (SMALL SIZE)	450X300 MM	18	

**CONSTRUCTION OF 4-LANING OF SHAHGANJ BYPASS END TO BADI (PACKAGE-IV) OF NH-146B FROM DESIGN KM 102+000 TO DESIGN KM142+357(DESIGN LENGTH 40.357 KM) UNDER NH(O) IN THE STATE OF MADHYA PRADESH ON HYBRID ANNUITY MODE**



CLIENT : NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 CONCESSIONAIRE : SHAHGANJ BADI HIGHWAY PRIVATE LIMITED  
 INDEPENDENT ENGINEER : SAPTAGON ASIA PVT. LTD.  
 EPC CONTRACTOR : MCC INFRATECH PRIVATE LIMITED

**LIST OF LAB EQUIPMENTS @ Ch-107+500 RHS, JAWAHARKHEDA  
 (MAIN CAMP)**

Sr. NO.	ITEM NAME	CAPACITY	Total Available Qty	REMARK
80	ENAMEL TRAY (SMALL SIZE)	350X250 MM	12	
81	ENAMEL CIRCULAR PLATE	250MM	12	
82	COOLING BATH DIGITAL		1	
83	WATER BATH DIGITAL 60°C WITH THERMOSTATICALLY CONTROL	30 Liter capecity	2	
84	OVEN (BIG)	1250X750 MM	1	(Sr No.160212)
85	OVEN (MEDIUM)	900X600 MM	1	(Sr No.081141)
86	OVEN (SMALL)	600X600 MM	1	
87	DRYING OVEN	225 Liter	2	
88	HOT PLATE	200 mm	1	
89	FI GUAGE		2	
90	ELONGATION GUAGE		2	
91	SIEVE SHAKER	200 mm Dia	1	
92	SIEVE SHAKER	450 mm Dia	1	
93	CYLINDER FOR BULK DENSITY OF AGGRE	3Ltr, 10 Ltr. & 30 Ltr.	1 Set	
94	BEAM MOULD	15X15X70CM	9	
95	CONCRETE CUBE MOULD	15X15X15CM	150	
96	GROUTING CUBE MOULD	10X10X10CM	10	
97	CEMENT CUBE MOULDS	7.06X7.06X7.06	34	
98	MORTAR CUBE MOULD	5X5X5	6	
99	SLUMP CONE WITH TEMPING RODS		9	
100	AIV APPRATUS WITH ALL ASSESORIES		1	
101	COMPRESSIVE STRENGTH TEST(CTM) DIGITAL	2000 KN	1	
102	FLEXTURAL TESTING MACHINE	100 KN	1	
103	CONCRETE MIXER MACHINE WITH CAP	150 Liter Capacity	1	Electrically operated
104	VIBRATING TABLE	1MX1M	1	
105	CEMENT CUBE VIBRETING MACHINE		1	
106	VICAT.APP.WITH ASS.		1	
107	VICAT.APP NEEDLE FOR INITIAL SETTING TIME		1	
108	VICAT.APP NEEDLE FOR FINAL SETTING TIME		1	
109	VICAT.APP PLUNGER FOR CONSISTENCY		1	
110	SOUNDNESS TEST APPARATUS (CEMENT)	PACKETS	2	
111	LE-CHATLEIR FLASK		1	
112	STANDERD SAND ZONE-I,II,III		2 Each	
113	GAUGING TROWEL		2	
114	WIRE BASKET FOR DENSITY		2	
115	RIFFLE BOX (SAMPLE DIVIDER)	75 mm	1	
116	RIFFLE BOX (SAMPLE DIVIDER)	53 mm	1	
117	RIFFLE BOX (SAMPLE DIVIDER)	<del>37</del> 75 mm	1	

CONSTRUCTION OF 4-LANING OF SHAHGANJ BYPASS END TO BADI (PACKAGE-IV) OF NH-146B FROM DESIGN KM 102+000 TO DESIGN KM142+357(DESIGN LENGTH 40.357 KM) UNDER NH(O) IN THE STATE OF MADHYA PRADESH ON HYBRID ANNUITY MODE



CLIENT : NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 CONCESSIONAIRE : SHAHGANJ BADI HIGHWAY PRIVATE LIMITED  
 INDEPENDENT ENGINEER : SAPTAGON ASIA PVT. LTD.  
 EPC CONTRACTOR : MCC INFRATECH PRIVATE LIMITED

**LIST OF LAB EQUIPMENTS @ Ch-107+500 RHS, JAWAHARKHEDA  
 (MAIN CAMP)**

Sr. NO.	ITEM NAME	CAPACITY	Total Available Qty	REMARK
118	SAND SCOOP (Small)		5	
119	CORE CUTTER MACHINE PETROL ENGINE	5.5 HP	1	
120	CORE CUTTER MACHINE - HILTI DD-160	150 mm Dia	1	
121	CORE BIT (DIAMOND CUTTING EDGE)	100 mm Dia	3	
122	CORE BIT (DIAMOND CUTTING EDGE)	150 mm Dia	3	
123	FLOW CUP		1	
124	DLC COMPECTOR (HILTI TE-1000 AIR)		1	
125	AIR METER FOR CONCRETE MIX Automatic type As per ASTM C231		1	
126	COMPACTION FACTOR EQUIPMENT CONCRETE As per IS:5515-1983		1	
127	WASH BOTTLE PLASTIC	1 LTR	1	
128	3 METER STRAIGHT EDGE AND MEASURING WEDGE		1 Set	
129	DIGITAL DEPTH GAGE	INSIZE	1	
130	PLANETARY MIXER-FOR BITUMINOUS MIX	20 Liter	1	
131	BITUMEN EXTRACTION MACHINE		1	
132	COMPACTION PEDESTAL		1	
133	MARSHALL STABILITY TESTING MACHINE (4" Dia) (WITH PROVING RING AND DIAL GAUGE)		1	
134	MARSHAL MOULD WITH CALLOR	100 mm Dia	24	
135	MARSHAL SAMPLE EXTRACTOR (MOULD DEMOULDING)	100 MM DIA	1	Hydraulic
136	DUCTILITY TESTING MACHINE-DIGITAL TEMP CONTROL-REFRIGERATED-IS 1208		1	
137	ELASTIC RECOVERY MOULD WITH BASE PLATE		1 Set	
138	THIN FILM OVEN-DIGITAL		1	
139	SAND EQUIVALENT VALUR TEST APPARATUS WITH ACCESSORIES		1	
140	VACUUM PUMP (OIL FREE)		1	
141	RING AND BALL APPARATUS		1	
142	BITUMEN STANDARD PENETROMETER FOR BITUMEN -AUTOMATIC DIGITAL		1	
143	SAYBOLT VISCOMETER-WITH ENERGY REGULATOR-FOR EMULSIFIED BITUMEN		1	
144	TAR VISCOMETER		1	
145	VISCOSITY BATH		1	
146	U-TUBE GLASS VISCOMETER REVERSE F	Size-06	2	
147	U-TUBE GLASS VISCOMETER CANNON MANNING VACUUM INDIAN MAKE	Size-12,13	2 Each	
148	RAIN GAUGE		1	
149	<b>SIEVE SIZE 450 mm dia</b>			
	125mm	<b>38</b>	2	

CONSTRUCTION OF 4-LANING OF SHAHGANJ BYPASS END TO BADI (PACKAGE-IV) OF NH-146B FROM DESIGN KM 102+000 TO DESIGN KM142+357(DESIGN LENGTH 40.357 KM) UNDER NH(O) IN THE STATE OF MADHYA PRADESH ON HYBRID ANNUITY MODE



CLIENT : NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 CONCESSIONAIRE : SHAHGANJ BADI HIGHWAY PRIVATE LIMITED  
 INDEPENDENT ENGINEER : SAPTAGON ASIA PVT. LTD.  
 EPC CONTRACTOR : MCC INFRATECH PRIVATE LIMITED

**LIST OF LAB EQUIPMENTS @ Ch-107+500 RHS, JAWAHARKHEDA  
 (MAIN CAMP)**

Sr. NO.	ITEM NAME	CAPACITY	Total Available Qty	REMARK
	75mm		3	
	63 mm		2	
	53 mm		5	
	50 mm		3	
	45mm		3	
	40mm		4	
	37.5mm		1	
	31.5mm		1	
	26.5mm		5	
	25mm		3	
	22.4 mm		1	
	20mm		4	
	19mm		3	
	16mm		3	
	14mm		1	
	13.2mm		2	
	12.5mm		3	
	11.2mm		2	
	10mm		5	
	9.5mm		5	
	8mm		1	
	6.7mm		1	
	6.3mm		4	
	5.8mm		1	
	5.6mm		2	
	4.75mm		9	
	2.8mm		1	
	2.36mm		5	
	1.4mm		1	
	1.18 mm		2	
	LID & PAN		2	
150	<b>SIEVE SIZE 200 mm dia Brass</b>			
	6.3mm		4	
	5.6mm		1	
	4.75mm		4	
	2.8mm		1	
	2.36mm		4	
	2.0mm		6	
	1.7mm		3	
	1.4mm		1	
	1.18mm		3	
	1.0 mm		3	
	850mic		4	
	710mic		1	
	600mic		2	
	425mic		4	

**CONSTRUCTION OF 4-LANING OF SHAHGANJ BYPASS END TO BADI (PACKAGE-IV) OF NH-146B FROM DESIGN KM 102+000 TO DESIGN KM142+357(DESIGN LENGTH 40.357 KM) UNDER NH(O) IN THE STATE OF MADHYA PRADESH ON HYBRID ANNUITY MODE**



<b>CLIENT</b>	: NATIONAL HIGHWAYS AUTHORITY OF INDIA
<b>CONCESSIONAIRE</b>	: SHAHGANJ BADI HIGHWAY PRIVATE LIMITED
<b>INDEPENDENT ENGINEER</b>	: SAPTAGON ASIA PVT. LTD.
<b>EPC CONTRACTOR</b>	: MCC INFRATECH PRIVATE LIMITED

**LIST OF LAB EQUIPMENTS @ Ch-107+500 RHS, JAWAHARKHEDA (MAIN CAMP)**

Sr. NO.	ITEM NAME	CAPACITY	Total Available Qty	REMARK
	355mic		1	
	300mic		3	
	250mic		3	
	180mic		1	
	150mic		2	
	125mic		3	
	90mic		3	
	75mic		6	
	45mic		4	
	LID & PAN		3	

**CONSTRUCTION OF 4-LANING OF SHAHGANJ BYPASS END TO BADI (PACKAGE-IV) OF NH-146B FROM DESIGN KM 102+000 TO DESIGN KM142+357(DESIGN LENGTH 40.357 KM) UNDER NH(O) IN THE STATE OF MADHYA PRADESH ON HYBRID ANNUITY MODE**



CLIENT : NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 CONCESSIONAIRE : SHAHGANJ BADI HIGHWAY PRIVATE LIMITED  
 INDEPENDENT ENGINEER : SAPTAGON ASIA PVT. LTD  
 EPC CONTRACTOR : MCC INFRA TECH PRIVATE LIMITED

**CALIBRATION PLAN MAIN LAB @ Ch- 107+500 RHS**

S. No.	Description of Equipment/ Device	Equipment code/ Identification	Calibration Agency	Frequency of Calibration	Calibration Verifying Document	Date of Calibration	Next Due Date of Calibration	Remark
1	Proctor Moulds Modified	SBHPL/QC-1/MCC/PM/1-5	In House	Every 3 months	Available in Records	06-12-25	05-03-26	
2	Proctor Moulds Standard	SBHPL/QC-1/MCC/PM/1-3	In House	Every 3 months	Available in Records	06-12-25	05-03-26	
3	Proctor Rammer 4.9kg	SBHPL/QC-1/MCC/PH/1-5	In House	Every 3 months	Available in Records	06-12-25	05-03-26	
4	Proctor Rammer 2.6kg	SBHPL/QC-1/MCC/PH/6-8,	In House	Every 3 months	Available in Records	06-12-25	05-03-26	
5	CBR Moulds	SBHPL/QC-1/MCC/CM/1-66	In House	Every 3 months	Available in Records	06-12-25	05-03-26	
6	Proving Ring 50 KN	SBHPL/MCC/PR/50KN/01	DVG Laboratories & Consultants Pvt.Ltd	26 months	Available in Records	12-12-24	12-02-27	
7	Proving Ring 50 KN	SBHPL/MCC/PR/50KN/02	DRS Testing Technology Pvt.Ltd	26 months	Available in Records	30-10-25	29-12-27	
8	Proving Ring 30 KN	SBHPL/MCC/PR/30KN/01	DRS Testing Technology Pvt.Ltd	26 months	Available in Records	04-01-25	03-03-27	
9	Proving Ring 30 KN	SBHPL/MCC/PR/30KN/02	DRS Testing Technology Pvt.Ltd	26 months	Available in Records	30-10-25	29-12-27	
10	Proving Ring 25 KN	SBHPL/MCC/PR/25KN/01	DRS Testing Technology Pvt.Ltd	26 months	Available in Records	30-10-25	29-12-27	
11	Proving Ring 2.5 KN	SBHPL/MCC/PR/2.5KN/01	DRS Testing Technology Pvt.Ltd	26 months	Available in Records	04-01-25	03-03-27	
12	Surcharg Weights	SBHPL/QC-1/MCC/SW/1-76	In House	1 Year	Available in Records	09-03-25	08-03-26	
13	Cone Penetrometer	SBHPL/QC-1/MCC/CP/01	In House	1 Year	Available in Records	09-03-25	08-03-26	
14	Cassgrand Apparatus For LL/PI	SBHPL/QC-1/MCC/CA/01/EIE/LLD/2510713	EIE Instruments Pvt.Ltd	1 Year	Available in Records	02-11-25	01-11-26	
15	Moisture Containers (Steel)	SBHPL/QC-1/MCC/MC/1-278	In House	Every 3 months	Available in Records	06-12-25	05-03-26	
16	Electronic Balance 50 Kg	SBHPL/MCC/WB/50/1-2	Maruti Sagar Engineering	1 Year	Available in Records	20-08-25	19-08-26	
17	Electronic Balance 30 Kg	SBHPL/MCC/WB/30/1-4	Maruti Sagar Engineering	1 Year	Available in Records	20-08-25	19-08-26	
18	Electronic Balance 10 Kg	SBHPL/MCC/WB/10/1-1	Maruti Sagar Engineering	1 Year	Available in Records	20-08-25	19-08-26	
19	Electronic Balance 6 Kg	SBHPL/MCC/WB/6/1 PCLL/0784F	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
20	Electronic Balance 5 Kg	SBHPL/MCC/WB/5/1-3	Maruti Sagar Engineering	1 Year	Available in Records	20-08-25	19-08-26	
21	Electronic Balance 600 gm	SBHPL/MCC/WB/600/1-1 PCLL/0785F	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
22	Electronic Balance 100 gm	SBHPL/MCC/WB/100/1-2 /EIE/M/2527819-20	EIE Instruments Pvt.Ltd	1 Year	Available in Records	30-10-25	29-10-26	
23	Sand Pouring Cylinder 100 mm	SBHPL/QC-1/MCC/SPC-100/01	In House	Every 3 months	Available in Records	08-12-25	07-03-26	
24	Sand Pouring Cylinder 150 mm	SBHPL/QC-1/MCC/SPC-150/01	In House	Every 3 months	Available in Records	08-12-25	07-03-26	

**CALIBRATION PLAN MAIN LAB @ Ch- 107+500 RHS**

S. No.	Description of Equipment / Device	Equipment code/ Identification	Calibration Agency	Frequency of Calibration	Calibration Verifying Document	Date of Calibration	Next Due Date of Calibration	Remark
25	Sand Pouring Cylinder 200 mm	SBHPL/QC-1/MCC/SPC-200/01	In House	Every 3 months	Available in Records	08-12-25	07-03-26	
26	Rapid Moisture Meter (RMM)	SBHPL/QC-1/MCC/RMM/01	In House	Every 3 months	Available in Records	08-12-25	07-03-26	
27	Prime coat and tack coat tray	SBHPL/QC-1/MCC/P.C.Tray/1-6	In House	Every 3 months	Available in Records	26-02-26	25-05-26	
28	PIPETTE BOROSILICATE GLASS	SBHPL/QC-1/MCC/Pipette/1-4/ EIE/M/2527820-23	EIE Instruments Pvt.Ltd	1 Year	Available in Records	30-10-25	29-10-26	
29	Digital Thermometer	SBHPL/MCC/DTH/1-2 PCLL/0773F,0774F	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
30	Glass Thermometer	SBHPL/MCC/GT/1-5/ PCLL/0771F,0772F EIE/T/2527668,69,70	Premium Calibration Services & EIE Instruments Pvt.Ltd	1 Year	Available in Records	31-10-25	30-10-26	
31	Infrared Thermometer	SBHPL/MCC/IRT/1-2/ EIE/T/2527671,72	EIE Instruments Pvt.Ltd	1 Year	Available in Records	31-10-25	30-10-26	
32	Dial Temperature Gauge	SBHPL/MCC/DTG/1-4/ EIE/T/2527664,65,66,67	EIE Instruments Pvt.Ltd	1 Year	Available in Records	31-10-25	30-10-26	
33	Vernier Caliper Digital	SBHPL/MCC/VC/1 PCLL/0775F	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
34	Hydrometer	SBHPL/MCC/HM/1-3/ EIE/MV/2523046,47,48	EIE Instruments Pvt.Ltd	1 Year	Available in Records	05-09-25	04-09-26	
35	Measuring Tape	SBHPL/MCC/MT/1 PCLL/0776F	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
36	Stop Watch Digital	SBHPL/MCC/DSW/1-3/ PCLL/0777F EIE/T/2527676,77	Premium Calibration Services EIE Instruments Pvt.Ltd	1 Year	Available in Records	30-10-25	29-10-26	
37	S.S.Scale	SBHPL/MCC/SS/01 PCLL/0778F	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
38	Flakiness Gauge	SBHPL/MCC/FI/01	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
39	Elongation gauge	SBHPL/MCC/EI/01	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
40	Vacuum gauge	SBHPL/MCC/VG/01 PCLL/0770F	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
41	Ductility Temperature Controller (Ductility Testing Machine)	SBHPL/MCC/DTC/1/ EIE/ET/2522836	EIE Instruments Pvt.Ltd	1 Year	Available in Records	03-09-25	02-09-26	
42	Digital Temperature Controller (Kinematic Viscosity Bath)	SBHPL/MCC/KVB/1/ EIE/ET/2527675	EIE Instruments Pvt.Ltd	1 Year	Available in Records	03-09-25	02-09-26	
43	U-Tube Glass Viscometer	SBHPL/MCC/KVB/1-6/ EIE/MV/2523049,50,51,52,53,54	EIE Instruments Pvt.Ltd	1 Year	Available in Records	05-09-25	04-09-26	
44	Bitumen Standard Penetrometer	SBHPL/MCC/BSP/1/ EIE/ET/2527675	EIE Instruments Pvt.Ltd	1 Year	Available in Records	30-10-25	29-10-26	
45	Difflection Dial Gauge	SBHPL/MCC/DDG/1/ EIE/MT/251118	EIE Instruments Pvt.Ltd	1 Year	Available in Records	01-11-25	31-10-26	
46	Bitumen Extraction Machine	SBHPL/MCC/BE/01	EIE Instruments Pvt.Ltd	1 Year	Available in Records	03-09-25	02-09-26	
47	Water bath Digital	SBHPL/MCC/WB/1-2 PCLL/0782F,0783F	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	

**CALIBRATION PLAN MAIN LAB @ Ch- 107+500 RHS**

S. No.	Description of Equipment / Device	Equipment code/ Identification	Calibration Agency	Frequency of Calibration	Calibration Verifying Document	Date of Calibration	Next Due Date of Calibration	Remark
48	Hot Air Oven	SBHPL/MCC/HAO/1-3 PCLL/0779F,0780F,0781F	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
49	Concrete Cube Moulds	SBHPL/QC-1/MCC/CCM/1-150	In House	Every 3 months	Available in Records	05-01-26	04-04-26	
50	Cement Cube Moulds	SBHPL/QC-1/MCC/CM/1-34	In House	Every 3 months	Available in Records	05-01-26	04-04-26	
51	Grouting Cube Moulds	SBHPL/QC-1/MCC/GCM/1-12	In House	Every 3 months	Available in Records	09-12-25	08-03-26	
52	Slump Cone	SBHPL/QC-1/MCC/SC/1-9	In House	Every 3 months	Available in Records	05-01-26	04-04-26	
53	AIV Appratus	SBHPL/QC-1/MCC/AIV/1	In House	Every 3 months	Available in Records	09-01-26	08-04-26	
54	Compressive Strength Machine (CTM) 2000 KN	SBHPL/MCC/DCTM/01 EIE/F/2532075	EIE Instruments Pvt.Ltd	1 Year	Available in Records	19-12-25	18-12-26	
55	Flextural Testing Machine (FTM) 100 KN	SBHPL/MCC/FTM/01	Asain Technology	1 Year	Available in Records	13-12-25	12-12-26	
56	CEMENT CUBE VIBRETING MACHINE	SBHPL/MCC/VM/01	Asain Technology	1 Year	Available in Records	13-12-25	12-12-26	
57	Vicat Apparatus	SBHPL/QC-1/MCC/VA/01	In House	1 Year	Available in Records	09-01-26	08-04-26	
58	Sieve Shaker Digital Timer	SBHPL/QC-1/MCC/SSDT/01/ EIE/ET/2527674	EIE Instruments Pvt.Ltd	1 Year	Available in Records	30-10-25	29-10-26	
59	IS Sieve (450mm Dia)	SBHPL/MCC/GIS/1-30	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
60	IS Sieve (200mm Dia)	SBHPL/MCC/BS/1-18	Premium Calibration Services	1 Year	Available in Records	13-12-25	12-12-26	
61	Concrete Batching Plant (BP-01) @ 107+500 RHS	SBHPL/MCC/BP-01	In House	Every 3 months	Available in Records	09-01-26	08-04-26	
62	Concrete Batching Plant CP-30 (BP-03) @ 107+500 RHS	SBHPL/MCC/CP-30 (BP-03)	In House	Every 3 months	Available in Records	13-02-26	12-05-26	
63	Concrete Batching Plant (BP-02) @ 125+000 LHS	SBHPL/MCC/BP-02	In House	Every 3 months	Available in Records	13-01-26	12-04-26	
64	CTSB/CTB Plant (Plant-2) @ 105+300 LHS	SBHPL/MCC/BP-02	In House	Every 3 months	Available in Records	06-01-26	05-04-26	
65	HMP Plant @ 105+250 LHS	SBHPL/MCC/HMP	In House	Every 3 months	Available in Records	01-02-26	01-05-26	

## Change of Scope

Some additional structures / culverts / service roads etc have to be provided for which COS has been notified by Authority Engineer and detailed proposal is under process with the EPC Contractor.

COS No.	COS Proposal Details	Date of first Submission to the Authority	Current Status	COS Amount (INR Cr.)	Status of Approval
COS No.-1	<p>Additional work coming under Change of Scope intimated to NHAI &amp; IE vide Letter No. SBHPL/NHAI/FY24-25/127 dated 16th June 2025.</p> <p>The Change of Scope Works are summarized as below:</p> <ol style="list-style-type: none"> <li>Change in Box Culvert size from (1 X 5.00 X 3.8) to (1 X 12.00 X 3.8) @ Km 105+780</li> <li>12 no. of new Pipe Culverts @ Km 104+040, 113+572, 118+070, 122+440, 124+900, 125+690, 126+100, 126+880, 130+520, 130+880, 136+040 &amp; 141+780</li> <li>Reconstruction of 5 no of existing Pipe Culvert @ Km 138+920, 138+380, 134+800, 131+230 &amp; 130+500</li> <li>Change in Minor Bridge size From 1 x 7m to 1 X 20m @ Km 135+950</li> <li>Change of Location of VUP (2x15) along with Slip Roads from Km 135+950 to Km 102+250</li> <li>Box Culvert @ Km 142+290 for irrigation canal</li> <li>Shifting of Irrigation Canal from 126+700 to 127+250 (LHS)</li> <li>Change in Median Width from 9m to 1.5m due to presence of canal from Km 128+400 to 130+500 on LHS</li> <li>Construction of Toe Wall/ Retaining Wall and deletion of Boundary Wall where ROW is insufficient</li> <li>Additional New Box Culvert @ Km. 120+100 for pedestrian crossing of RE Wall Approach</li> <li>Utility Shifting of GSS at Km 108+150</li> <li>Utility Shifting of PHED pipeline&amp; Canal Syphon</li> <li>Conversion of Box culvert to Pipe Culvert at km 125+000</li> <li>Change in Box Culvert size from 1 x 5 x 3.7 to MNB of size 1 x 20 and Deletion of VUP along with Slip Roads, at Km 139+930.</li> </ol>	16th June 2025	<p>COS-I Submitted for In Principal approval vide letter No. SBHPL/NHAI/FY24-25/127 dated 16th June 2025</p> <p>Observations Raised by Independent Engineer vide letter no. SAPL/MP/2025-25/441 dated 03.07.2025</p> <p>Compliance Submitted by Concessionaire vide letter no. SBHPL/NHAI/25-26/189 dated 14.07.2025</p> <p>Independent Engineer Forward the Change of Scope of Amount Rs 37.16 Cr. to Authority (NHAI) for In-principal Approval vide letter no. SAPL/MP/2025-26/644 dated 21.08.2025</p> <p>Observations raised by Authority (NHAI) vide letter no. NHAI/PIU/BPL/Budhni-Badi/IE/Pkg-IV/COS/2025/28465 dated 03.09.2025</p> <p>Revised Submission with compliance is submitted by concessionaire vide letter no. SBHPL/NHAI/25-26/325 dated 27.09.2025</p> <p>Independent Engineer Forward the Change of Scope of to Authority (NHAI) for In-principal Approval vide letter no. SAPL/MP/2025-26/801 dated 29.09.2025</p>	-	Under review at RO NHAI

# Accident Report

Sr. No	Date	Chainage	Time of Accident	Sex (M/F)	A	B	C	D	E	F	G	H	I	J	K	No. of Effected Persons			Help provided by
					Accident Location	Nature of Accident	Classification of Accident	Causes	Load condition of vehicle	Road Condition	Intersection type of condition	Weather Condition	Age of victim	Type of Victim	Type of Vehicle	Fatal	Major	Minor	
1																			
2																			
3																			

**Project Work Photos & Work Zone Safety**

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# **Annexure I**

# SHAHGANJ BADI HIGHWAYS PVT. LTD.

DBM Laying done



**SHAHGANJ BADI HIGHWAYS PVT. LTD.**  
CTB Laying in progress



# SHAHGANJ BADI HIGHWAYS PVT. LTD.

RE Wall Completed at Km. 105+268 LVUP



RE Wall Work is in Progress at Km. 131+395 LVUP



# SHAHGANJ BADI HIGHWAYS PVT. LTD.

Work is in Progress at Km. 109+550 MJB



Work in Progress at Km 124+400 VUP



# SHAHGANJ BADI HIGHWAYS PVT. LTD.

## Work in Progress at Km 140+275 VUP



## Work in Progress at Km 126+550 VUP



# SHAHGANJ BADI HIGHWAYS PVT. LTD.

## RE Panel Casting work in Progress at Km 107+500



## Box Culvert Segment Casting work in Progress at Km 107+500



# SHAHGANJ BADI HIGHWAYS PVT. LTD.

