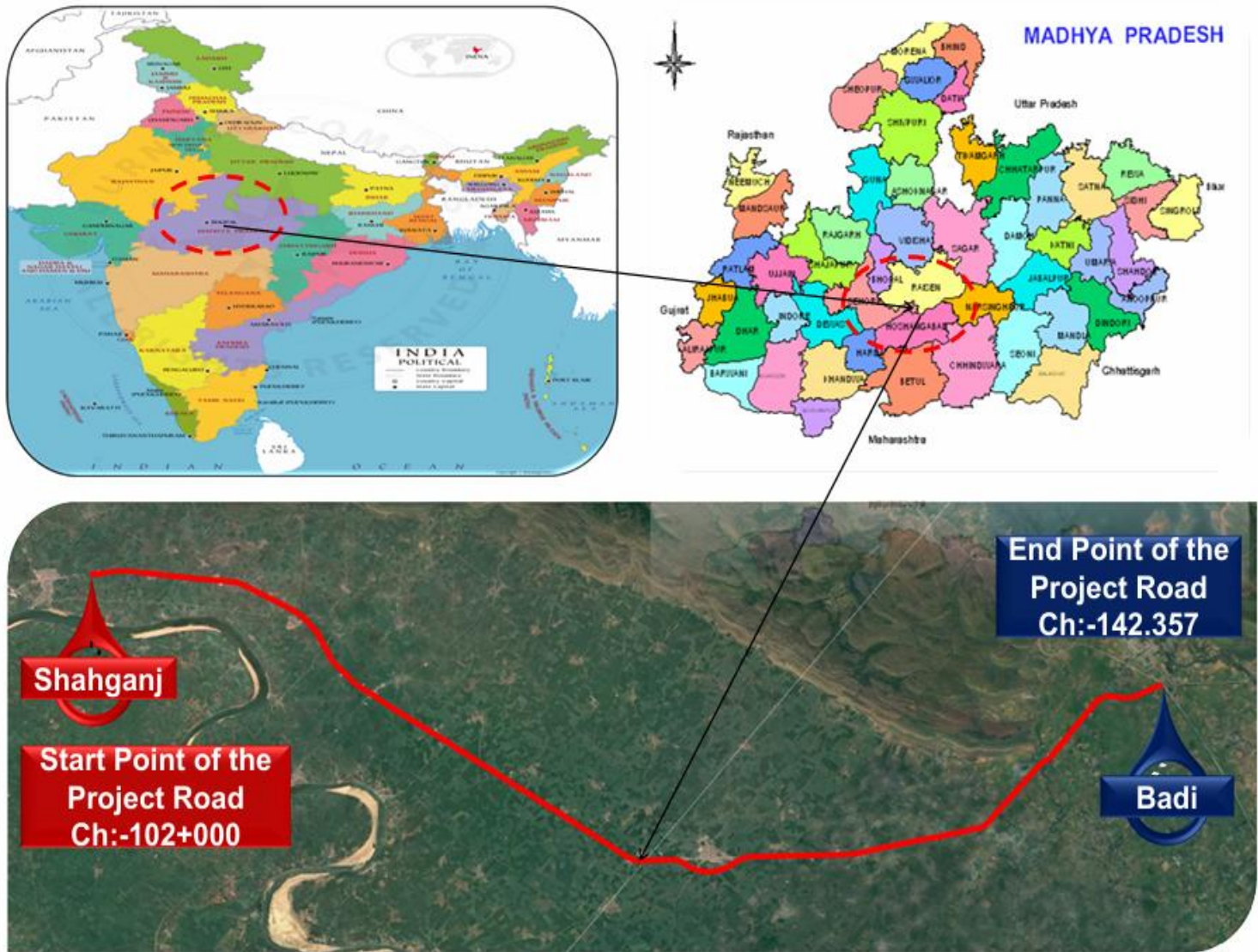


SHAHGANJ BADI HIGHWAYS PVT. LTD.

MONTHLY PROGRESS REPORT

October-2025



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 - OCTOBER - 2025

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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 -32.800 km. Handed over and 7.55km balance.

Key reporting metrics	Value%/Amount
A- Physical Progress	
Scheduled Physical Progress (%)	100.00%
Cumulative Physical Progress upto current month (%)	8.25%
Current Month Physical Progress (%)	0.65%
Cumulative Expenditure till date (Rs Cr) as per Construction cost @ 519 Cr.	42.818
Tests passed as % of total tests witnessed by IE	33.01%

Project Overview

Salient Features of Project

Project Name	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
NH No. (New/ Old)	146B
Mode of the Execution (BOT Toll/ BOT Annuity/ EPC/ HAM/ Item Rate/ Others)	Hybrid Annuity Mode
No. of Lanes/ Configuration	Four Lane with Paved Shoulder
Length of the Project (in Km)	40.357 Km.
Total Project Cost/ Civil Construction Cost/ Contract cost (in Cr)	Rs. 519
Total EPC Cost (in Cr)	Rs. 519
No. of Bypasses (Name of Town, Length)	4.807 Km (Baktra 2.500 Km + Badi 2.307 Km)
No. of Major Bridges (Number and Location)	1 (Chainage 109+550)
No. of Toll Plazas (Number and Location)	1 (Chainage 114+515)
DPR Consultant Name	M/s Lion Engineering Consultants
Contractor Name (SPV & Parent Company)	M/s MCC Infratech Pvt. Ltd.
Date of Award (LOA Date)	15 Mar. 2024
Appointed Date	25 Mar. 2025
Construction Period (in Days)	(730 Days)
Scheduled Date of Completion	24 Mar. 2027
Independent Engineer	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%		8.25%	Milestone Extension letter submitted to NHAI
Milestone II	18-02-2026	35%			
Milestone III	16-09-2026	75%			
Scheduled Completion	24-03-2027	100%			

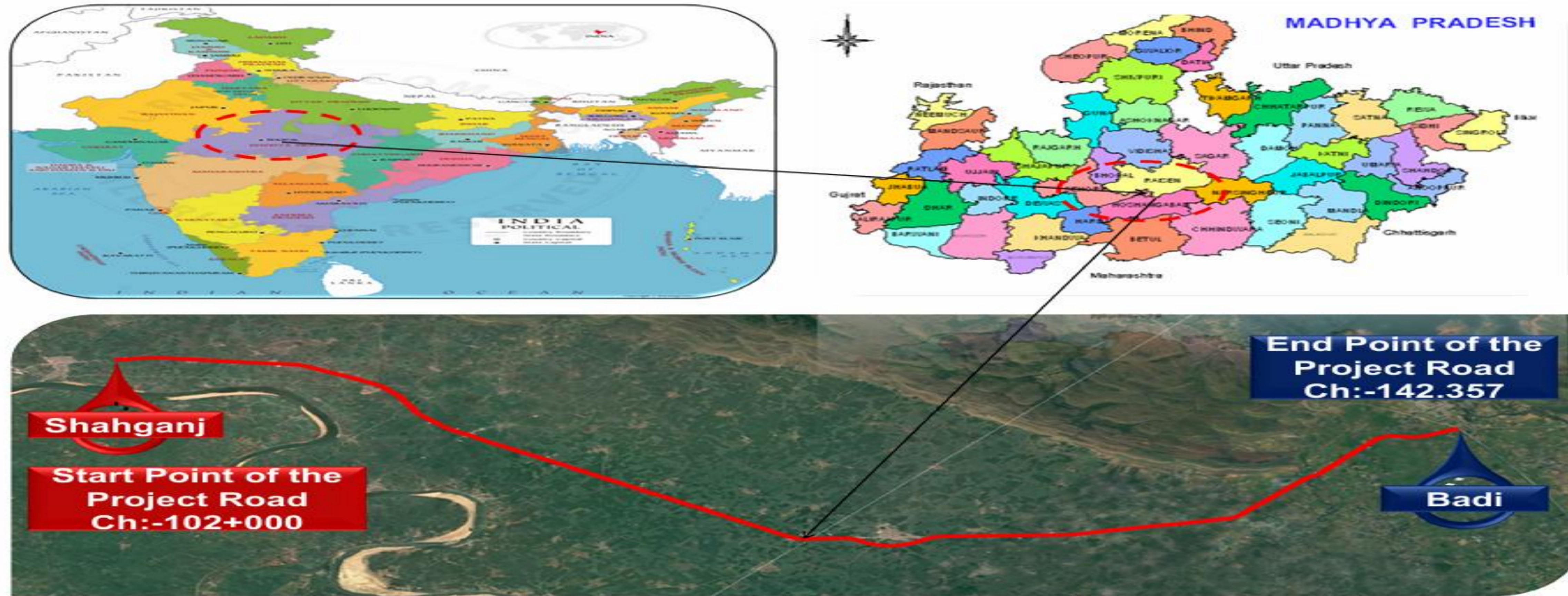
Note :- Physical Progress of Project Milestone-I is 8.25%

a) Milestone under cure period of 90 days is in progress. Merger letter of Milestone I & II has already been submitted to Authority vide letter no. SBHPL/NHAI/FY25-26/319 Dated 25.09.2025

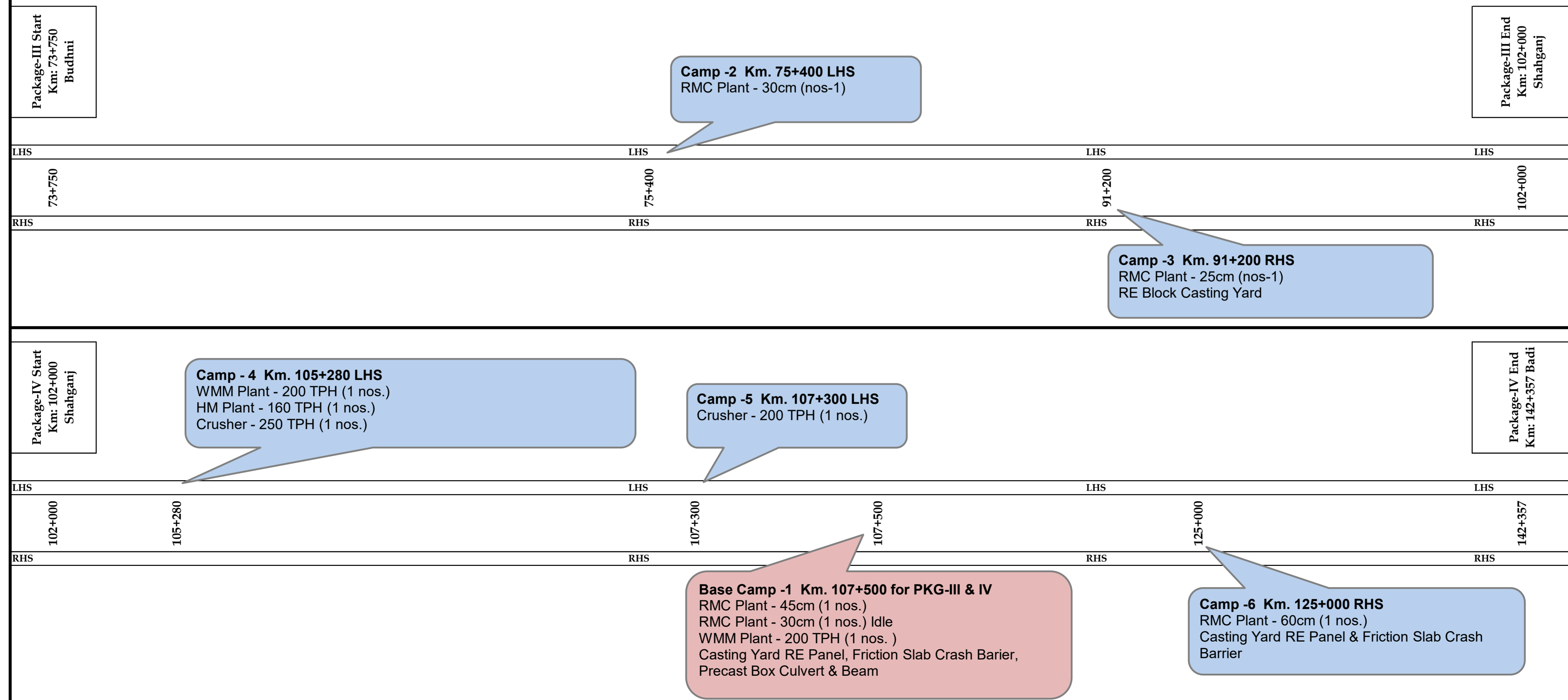
Payment Milestones

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		
III	On achievement of 20% of Physical Progress		
IV	On achievement of 30% of Physical Progress		
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		

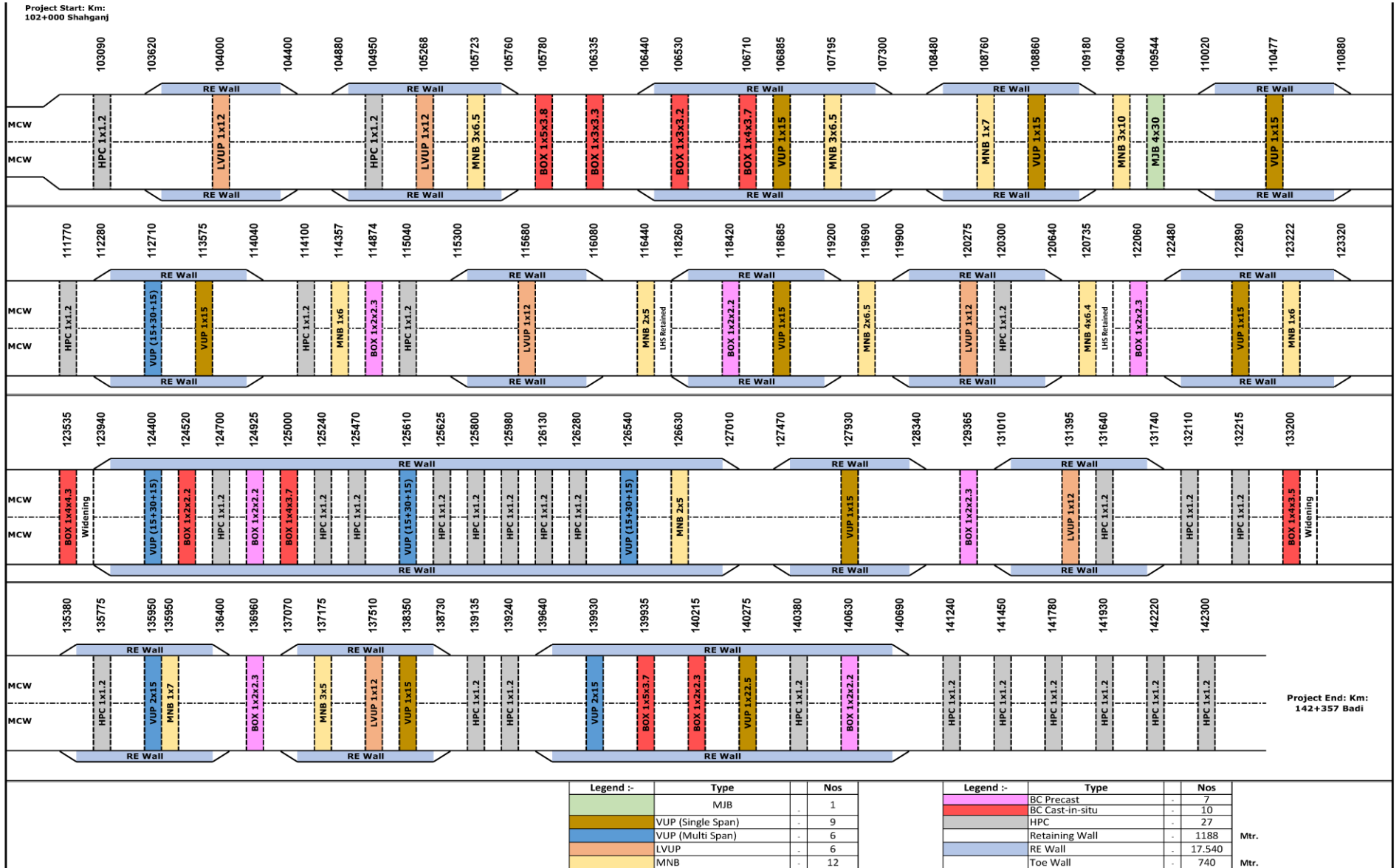
Camp Location Map



CAMP LOCATION PLAN



Key Plan



UNRESOLVED ISSUES/CONSTRIANTS

Sr. No.	Activity	Constraints	Remarks
1	Land Acquisition		
	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 7.55 Km. is effected as on 30.09.2025
	B. Encroachment	Dismantling of structure time to time is being carried out as per the instruction of NHAI Officials	
2	Utility Shifting		
	A. Electrical Utility Shifting	Nil	Estimates are approved and Supervision charges is deposited to Owing Department by Authority.
	B. PHED Utility Shifting	Nil	Estimates are submitted to 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	NET AFFECTE WORKING LENGTH	SIDE	Description
	FROM	TO	(METER)			
1	103850	103970	120	120	BHS	Land not Available
2	103970	104100	130	130	BHS	Land not Available
3	104100	104600	500	500	BHS	Land not Available
4	108240	108560	320	320	BHS	Land not Available
5	108480	108780	300	300	BHS	Land not Available
6	109030	109380	350	350	BHS	Land not Available
7	110200	110880	680	680	BHS	Land not Available
8	111500	111790	290	290	BHS	Land not Available
9	111780	112220	440	440	BHS	Land not Available
10	112220	112980	760	760	BHS	Land not Available
11	115420	115730	310	310	BHS	Land not Available
12	118580	118960	380	380	BHS	Land not Available
13	119900	120250	350	350	BHS	Land not Available
14	120000	120650	650	650	BHS	Land not Available
15	127800	128100	300	300	BHS	Land not Available
16	130500	130910	410	410	BHS	Land not Available
17	131010	131450	440	440	BHS	Land not Available
18	131370	131690	320	320	BHS	Land not Available
19	137300	137800	500	500	BHS	Land not Available
Total Length >>>>			7550 Mtr	7550 Mtr		

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	7.55	18.7%	Total Length Completed	-	0.00%	Total Length Completed	-	0.00%
Pending Land Ha.	17.208		BC	-	0.00%	BC	-	0.00%
			DBM	-	0.00%	DBM	-	0.00%
Acq. Ha.	74.565	81.2%	AIL	-	0.00%	AIL	-	0.00%
			CTB	2.04	2.58%	CTB	-	0.00%
			CTSB/GSB	4.89	6.18%	CTSB/GSB		
			Sub-Grade	12.68	16.03%	Sub-Grade	-	0.00%

Progress Status of Structure

Status of Schedule-B Structure					
DESCRIPTION	SCOPE OF WORK	WORK STATUS			
		COMPLETED	IN PROGRESS	BAL TO TAKEUP	REMARKS
Major Bridges	1		1		
Minor Bridges	12		9	3	2 nos in COS
Light Vehicular Underpass	6		4	2	
Vehicular Underpass	15		7	8	3 nos in COS
Box Culverts	17	3	9	5	2 nos in COS
Pipe Culverts	27	10	14	3	
RE Wall	21	1	5	15	Delay due to COS
TOTAL	99	14	49	36	

Note : Progerss at Km 112+710 (VUP), Km 127+930 (VUP), Km 124+400 (VUP), 125+610 (VUP), 126+540 (VUP), 135+950 (MNB), 135+950 (VUP), 139+930 (VUP) delay due to COS dicision pending.

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	74.565	81.25%
F	Balance (F=D-E)	17.208	18.75%
G	Length Available for working (KM)	32.790 (KM)	

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	23 Km. Wire Installation completed and balance work in progress. 25 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	8 Km Wire installation completed and balance in progress. 12 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			
5	11 KV Crossing	60	60	60			
6	LT Line Crossing	38	38	38			
7	Transformers and Sub Stations	64	64	64		5 nos Transformers installation completed and balance work in progress.	
B - WATER SUPPLY/SEWERAGE LINE (PHED)							
1	Water supply pipe line	9	9	0			Estimates are submitted to Authority for Approval.
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.		
TOTAL		1455	1455	0			

Mobilization of Resources

SL. NO.	Equipment Name	Make	Model	Quantity	Deployment Year	Remarks
1	RMC PLANT	CONMAT	CP-45	1	2025	
2	RMC PLANT	CONMAT	CP-60	1	2025	
3	Hot Mix Plant	APOLLO	APOLLO 200 TPH	1	2025	
4	CTB PLANT	APOLLO	APOLLO 200 TPH	1	2025	
5	CRUSHER PLANT	METSO	METSO 250 TPH	1	2025	
6	CRUSHER PLANT	TEREX	TEREX 200 TPH	1	2025	
7	CTB Paver	VOLVO	Paver 5.0 Mtr	1	2025	
8	DBM Paver	VOLVO	Paver 9.0 Mtr	1	2025	
9	DG Set 125 KVA	Mahindra	125 KVA	2	2025	
10	DG Set 200 KVA	SUDHIR CUMMINS	200 KVA	1	2025	
11	DG Set 500 KVA	CAT	500 KVA	2	2025	
12	DG Set 30 KVA	SUDHIR CUMMINS	30 KVA	5	2025	
13	DG Set 20 KVA	SUDHIR CUMMINS	20 KVA	5	2025	
14	Light Mast	CUMMINS	KG1-5AS3/5KVA	1	2025	
15	Hydraulic Broomer	BROOMER HYDRAULIC	ALLWIN	1	2025	
16	Soil Compactor	HAMM	311	7	2025	
17	Soil Compactor	DYNAPAC	CA385D	3	2025	
18	Baby Roller	CASE		1	2025	
19	Baby Roller	JCB		3	2025	
20	Tandom Roller	HAMM		1	2025	
21	Motor Grader	CAT	CATERPILLAR 120K2 SERIES 2	9	2025	
22	Motor Grader	CASE	CASE 845 B MOTER GRADER	2	2025	
23	Excavator	JCB		10	2025	
24	Wheel Loader	JCB	4374 & JCB INDIA	2	2025	
25	Dozer	CASE		1	2025	
26	Dozer	CAT		4	2025	
27	Hydra	ESCORT	TRX 1549 XT & ESCORT	3	2025	
28	Hyd. Crane	SANY	SANY	1	2025	
29	Trailer	BHARATBENZ	BHARATBENZ 3123R 8X2 BSIV	1	2025	
30	Trailer	TATA	LPS4018TC/32	2	2025	
31	Diesel Tanker	TATA	TATA SPC 709EX/38 BSIV	1	2025	
32	Diesel Tanker	Mahindra	BOLERO SC XL CBC 2WD	1	2025	
33	Boom Pressor	TATA	SIGNA 2823 K BS VI, 56WHD	1	2025	
34	Concrete Pump	SCHWING Stetter	DP-350	1	2025	
35	Tipper	TATA	LPK 2518 TC/38	30	2025	
36	Water Tanker	TATA	LPK 2518 TC/38	5	2025	
37	Transit Mixer	TATA	LPK 2518 TC/38	9	2025	
38	Backhoe Loader	JCB	JCB 3DX XTRA	3	2025	
39	Backhoe Loader	CAT	BACKHOE LOADER 2WD	1	2025	
40	LMV	Mahindra	SCORPIO S10 2.2	2	2025	
41	LMV	Mahindra	BOLERO	5	2025	
42	LMV	Toyota	FORTUNER	2	2025	
43	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
A - Key Person				
1	Avinash Kumar	Sr .Project Manager	Management	
2	Manoj Kumar	Project Head	Management	
3	Amod Kumar	Project Manager	Management	
4	Kundan Kumar Sharma	Project Manager Str	Management	
B - Planning & Billing				
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	
C - Highway				
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	
D - Structure				
1	Shubham Saini	Dpm Structure	Structure	
2	Yogesh Kumar	Sr Engg Str	Structure	
3	Vikas Kumar Singh	Sr Engg Str	Structure	
4	Rohit Singh	Sr Engg Str	Structure	
5	Uma Shankar	Engg Str	Structure	
6	Muni Lal Singh	Executive Str	Structure	
7	Umesh Singh	Executive Str	Structure	
8	Raj Kumar	Executive Str	Structure	
E - QA/QC				
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	
F - Survey				
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	
10	Mahendra Bhinchar	Surveyor	Survey	

Mobilization of Resources

SR. NO.	EMPLOYEES NAME	DESIGNATION	DEPARTMENT	REMARKS
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	
G -Legal & Liaison				
1	Puneet Kumar Dubey	Agm	Legal & Liaison	
2	Shankar Singh	Officer	Liaison	
H -HR/Admin				
1	Anupam Singh	Manager	Hr/ Admin	
I -Accounts				
1	Gunesh Ram Vishnoi	Accountant	Accounts	
2	Asheesh Singh Bhadouria	Accountant	Accounts	
J - Safety				
1	A K Mohanty	Manager	Safety	
K - Utility Shifting				
1	Gopal Lal Dhabhai	Engineer	Utility Shifting	
L - Store/Purchase				
1	Abhishek Singh	Store Manager	Store	
2	Naresh Panday	Store Incharge	Store	
3	Prithvi Raj Singh	Store Incharge	Store	
4	Aman Tiwari	Executive Store	Store	
5	Ramesh Saran	Procurement	Store	
6	Luna Ram	Deo Store	Store	
7	Dinesh	Store Purchase	Store	
8	Jitendra Choudhary	Store Keeper	Store	
9	Babu Ram	Diesel Supervisor	Store	
10	Vikash	Diesel Billing Store	Store	
11	Babu Ram	Supervisor (Flyash)	Store	
12	Yuvraj Singh	Supervisor (Flyash)	Store	
M - Plant & Machinery				
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	

Mobilization of Resources

SR. NO.	EMPLOYEES NAME	DESIGNATION	DEPARTMENT	REMARKS
27	Boom Placer Operator	01 Nos	Plant & Machinery	
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	State Government Permits (Quarrying Permits)	
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	16	5	13	8	Balance to submit due to COS
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	Balance to submit due to COS
3	Minor Bridge	12	11	1	1	11	Balance to submit due to COS
4	LVUP	6	6	0	1	5	
5	VUP	15	13	2	7	8	Balance to submit due to COS
6	Major Bridge	1	1	0	1	0	
TOTAL		78	73	5	37	41	

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

Date
 31-10-2025

LHS_RCC Drain		LHS	Drain																																																																																																																																																																																																																																																																																																																																																																																											
LHS-Service Road Const.		LHS	SR																																																																																																																																																																																																																																																																																																																																																																																											
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Chainage				102+000	102+100	102+200	102+300	102+400	102+500	102+600	102+700	102+800	102+900	103+000	103+100	103+200	103+300	103+400	103+500	103+600	103+700	103+800	103+900	104+000	104+100	104+200	104+300	104+400	104+500	104+600	104+700	104+800	104+900	105+000	105+100	105+200	105+300	105+400	105+500	105+600	105+700	105+800	105+900	106+000	106+100	106+200	106+300	106+400	106+500	106+600	106+700	106+800	106+900	107+000	107+100	107+200	107+300	107+400	107+500	107+600	107+700	107+800	107+900	108+000	108+100	108+200	108+300	108+400	108+500	108+600	108+700	108+800	108+900	109+000	109+100	109+200	109+300	109+400	109+500	109+600	109+700	109+800	109+900	110+000	110+100	110+200	110+300	110+400	110+500	110+600	110+700																																																																																																																																																																																																																																																																																																			
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	BC	RHS	MCW																																																																																																																																																																																																																																																																																																																																																																																											
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RHS_RCC Drain		RHS	Drain																																																																																																																																																																																																																																																																																																																																																																																											
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Types of Structures				HPC																											LVUP																											HPC																											LVUP																											MNB Box Culvert																											Box Culvert																											Box Culvert																											VUP																											MNB																											MNB VUP																											MNB MJB																											VUP																																																																																	

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

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 October-2025

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)	A- Widening and Strengthening of Existing Road						
	(1) Earthwork up to top of the Subgrade	Km.	69.494	3.65%	9.480	0.498%	
	(2) Granular Work (Sub-Base, Shoulders)						
	(a) CTSB / GSB	Km.	69.494	4.20%	4.890	0.295%	
	(b) CTB	Km.	69.494	1.80%	2.040	0.053%	
	(c) AIL/WMM	Km.	69.494	1.68%	-	0.000%	
	(3) Shoulder/Median	Km.	41.550	0.09%			
	(4) Bituminous works						
	(c) DBM	Km.	69.494	6.12%	-	0.000%	
	(d) BC	Km.	71.100	4.35%	-	0.000%	
	(5) Rigid Pavement						
	B- New realignment/Bypass						
	(1) Earthwork up to top of the Subgrade	Km.	9.614	0.59%	3.200	0.195%	
	(2) Granular Work (Sub-Base, Shoulders)						
	(a) CTSB/ GSB Realignment	Km.	9.614	0.53%	-	0.000%	
	(b) CTB Realignment	Km.	9.614	0.26%	-	0.000%	
	(c) AIL Realignment	Km.	9.614	0.24%	-	0.000%	
	(3) Shoulder	Km.	3.334	0.01%			
	(4) Bituminous works						
	(c) DBM	Km.	9.614	0.82%	-	0.000%	
	(d) BC	Km.	9.614	0.60%	-	0.000%	
	(5) Rigid Pavement						
	C- New Culverts, Minor Bridges, Underpasses, Overpasses on existing road, realignments, bypasses:						
	1) Box & Pipe Culverts			44.000	1.54%	21.500	0.751%
	(2) Minor Bridges						
	a) Foundation	Nos.	36.000	1.45%	12.000	0.482%	
	b) Sub-structure	Nos.	36.000	1.25%	11.000	0.381%	
	c) Super-structure (including crash barriers etc complete)	Nos.	36.000	0.96%	11.000	0.293%	
	(3) Cattle/Pedestrian Underpass						
	a) Foundation	Nos.					
	b) Sub-structure	Nos.					
	c) Super-structure (including crash barriers etc complete)	Nos.					
	(4) Pedestrian Overpasses						
	a) Foundation	Nos.					
	b) Sub-structure	Nos.					
c) Super-structure (including crash barriers etc complete)	Nos.						
(5) Grade Separated Structures							
(A) Underpass (VUP/LVUP)							
a) Foundation	Nos.	63.000	1.81%	18.000	0.517%		
b) Sub-structure	Nos.	93.000	1.42%	17.000	0.260%		
c) Super-structure (including crash barriers etc complete)	Nos.	55.000	2.62%	-	0.000%		
(B) Overpass							
a) Foundation	Nos.						
b) Sub-structure	Nos.						
c) Super-structure (including crash barriers etc complete)	Nos.						
(C) Flyover							
a) Foundation	Nos.						
b) Sub-structure	Nos.						
c) Super-structure (including crash barriers etc complete)	Nos.						
(D) Foot Over bridge							
Major Bridge works and ROB/RUB	A- Widening and Repair of Major Bridges						
	(1) Foundation	Nos.					
	(2) Sub-Structure	Nos.					
	(3) Super-structure (including crash barriers etc complete)	Nos.					
	B- Widening and Repair of						
	(a) ROB						
	(1) Foundation	Nos.					
	(2) Sub-Structure	Nos.					
	(3) Super-structure (including crash barriers etc complete)	Nos.					
	(b) RUB						
	(1) Foundation	Nos.					
	(2) Sub-Structure	Nos.					
	(3) Super-structure (including crash barriers etc complete)	Nos.					
	C- New Major Bridges						

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%	8.000	0.110%
	(b) Pile Foundation/Well Foundation	Nos.				
	(2) Sub-structure	Nos.	10.000	0.24%	6.000	0.147%
	(3) Super-structure (including crash barriers etc complete)	Nos.				
	(a) On Casting	Nos.	32.000	0.25%	14.000	0.111%
	(b) On Erection	Nos.	32.000	0.38%	-	0.000%
	D- New Rail Road Bridges					
	(a) ROB					
	(1) Foundation	Nos.				
	(2) Sub-structure	Nos.				
	(3) Super-structure (including crash barriers etc complete)	Nos.				
	(b) RUB					
	(1) Foundation	Nos.				
	(2) Sub-structure	Nos.				
	(3) Super-structure (including crash barriers etc complete)	Nos.				
	Structures (Elevated Section, Reinforced earth)	(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%	50,175.353	0.639%
(b) On Erection		Sqm	134050	32.45%	5,838.881	1.414%
Electrical and Public Health Utilities	(a) EHT line	Km				
	(b) EHT crossing	No				
	(c) HT/LT lines (including Transformers if any)	Km	118.950	3.66%	42.55	1.310%
	(d) HT/LT crossings	No	124.000	1.28%	-	0.000%
	(e) Water pipeline	Km	7.600	0.67%	-	0.000%
	(f) Water pipeline crossings	No				
	(g) Sewage line	Km				
	(h) Sewage line crossings	No				
Other works	(i) Service Roads/Slip Roads					
	(1) Earth Work Up to BC Top	Km.	35.830	5.91%	-	0.000%
	(ii) Toll Plaza	Nos.	1.000	2.25%	-	0.000%
	(iii) Road Side Drains	Km.	35.830	5.16%	5.41	0.779%
	(iv) Road signs, markings, Km. Stones, Safety Devices etc.					
	(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%
	(v) Project Facilities					
	(a) Bus Bays/ Shelters	Nos.				
	(b) Truck Lay Bys	Nos.				
	(c) Rest Areas	Nos.				
	(vi) Highway Lighting	Nos.				
	(vii) Road side plantation	Km.	39.554	0.18%	-	0.000%
	(viii) Protection works					
	a) Boulders pitching on slopes	Km.				
	b) Toe/Retaining wall	Km.	1.928	0.35%	-	0.000%
	(ix) Tunnel	Km.				
	a) Excavation	Meter				
	b) Construction of support system including rock bolting, lining etc.	Meter				
	c) On Completion of Tunnel	Meter				
	(x) Miscellaneous					
	(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%	10.000	0.015%
	(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%	
			100.00%		8.250%	

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.

EXISTING ROAD MAINTENANCE



Routine Maintenance of Project Highway is being carried out on Regular intervals so as to fulfil the requirement of Agreement.

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 OCTOBER 2025 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 ²	1536	12	12		1548	20	11	31	
2	BORROW AREA MATERIAL	Gradation	2 Tests/ 3000 m ³	516	20	20		536	36	11	47	
		Proctor	2 Tests/ 3000 m ³	516	20	20		536	36	11	47	
		Atterberg Limits	2 Tests/ 3000 m ³	516	20	20		536	36	11	47	
		Free Swell Index	2 Tests/ 3000 m ³	516	20	20		536	36	11	47	
		CBR	1 Test/3000 m ³	251	15	15		266	15	8	23	
3	FIELD DRY DENSITY (FDD) TEST	Embankment Layer	10 Density measurement/ 3000 m ²	10292	690	684	6	10982	233	52	285	
		Subgrade layer	10 Density measurement/ 2000 m ²	2663	160	157	3	2823	67	54	121	
		Shoulder	10 Density measurement/ 2000 m ²									
4	GRANULAR SUBBASE [G.S.B]	Gradation	1 Test/ 400 m ³	80	12	11	1	92	15	4	19	
		Atterberg's Limits	1 Test/ 400 m ³	69	11	11		80	10	3	13	
		Proctor	As required	2				2	1		1	
		CBR	As required	2				2	1		1	
		AIV	As required	28	9	9		37	7	3	10	
		Field Density	1 Test/ 1000 m ²	506	110	110		616	25	40	65	
5	CEMENT TREATED SUB BASE [CTSB]	Gradation	1 Test/ 400 cum of mix	10	34	34		44	10	13	23	
		Atterberg's Limits	1 Test/ 400 cum of mix	1	34	34		35	1	13	14	
		Proctor	As required	1				1	1		1	
		AIV	As required	1	11	11		12	1	7	8	
		07 Days Unconfined Compressive Strength (UCS)	1 Test of 3 Specimens 400 tonnes of mix (2 test per Day.)	3	48	48		51	10	17	27	
		Field Density	1 Specimens of 2 Test/ 500 sq.m		223	223		223		119	119	
6	CEMENT TREATED BASE [CTB]	Gradation	1 Test/ 400 cum of mix	10	13	13		23	10	5	15	
		Atterberg's Limits	1 Test/ 400 cum of mix	1	13	13		14	1	5	6	
		Proctor	As required	1				1	1		1	
		AIV	As required	1	8	8		9	1	3	4	
		07 Days Unconfined Compressive Strength (UCS)	1 Test of 3 Specimens 400 tonnes of mix (2 test per Day.)	3	8	8		11	10	2	12	
		07 Days Flexural Strength	1 Test of 3 Specimens 400 tonnes of mix (2 test per Day.)	1	8	8		9	10	2	12	
		Field Density	1 Specimens of 2 Test/ 500 sq.m		122	122		122		10	10	

MONTHLY PROGRESS REPORT FOR THE MONTH OF OCTOBER 2025 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	AGGREGATE INTER LAYER [AIL]	Gradation of Mix Agg.	1 Test/ 200 m ³	10				10	10		10	
		Atterberg's Limits	1 Test/ 200 m ³	1				1	1		1	
		Proctor	As required	1				1	1		1	
		AIV Test	1 Test/ 1000 m ³	1				1	1		1	
		Fl& El Test	1 Test/ 500 m ³	1				1	1		1	
		Field Density	1 Set of 3 Test/ 1000 m ²									
8	PRIME/TACK COAT	Quality of binder	1 Samples / lot(Vehicle)									
		Binder Temperature	At Regular intervals									
		Rate of Spread of Binder	3 Tests/ Day									
9	BITUMEN	Penetration	3 tests/Lot									
		Viscosity	3 tests/Lot									
		Softening Point	3 tests/Lot									
10	DENSE BITUMINOUS MACADAM [D.B.M]	Agg. Impact Value	1 Test/ 350 m ³									
		Fl& El Indices	1 Test/ 350 m ³									
		Sp.Gravity & W.Absorption	1 Set of Test on Source									
		Mix Gradation	1 Test/400 Tons									
		Stability of Mix	1 Set/400 Tons									
		Binder Content	1Test/400 Tons									
		Gmm	1Test/day/plant									
		Density of Core	1Test/ 700 m ²									

MONTHLY PROGRESS REPORT FOR THE MONTH OF OCTOBER 2025 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	
11	BITUMINOUS CONCRETE [B.C]	Agg. Impact Value	1 Test/ 350 m ³									
		Fl& El Indices	1 Test/ 350 m ³									
		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 ²									
12	CONCRETE	COMPRESSIVE STRENGTH -										
		M -10 GRADE PCC										
		07 Days	As per MoRT&H	77	3	3		80	7	1	8	
		28 Days		145	9	9		154	30	5	35	
		M -15 GRADE PCC										
		07 Days	As per MoRT&H	176	55	55		231	18	22	40	
		28 Days		237	99	99		336	28	44	72	
		M -20 GRADE RCC										
		07 Days	As per MoRT&H	20	12	12		32	2	5	7	
		28 days		55	15	15		70	11	5	16	
		M -20 GRADE (KERB)										
		07 Days	As per MoRT&H									
		28 Days										
		M -25 GRADE RCC										
		07 Days	As per MoRT&H	127	73	73		200	17	27	44	
		28 Days		216	29	29		245	46	13	59	
		M -30 GRADE RCC & Precast										
		07 Days	As per MoRT&H	112	17	17		129	9	8	17	
		28 Days		285	21	21		306	38	11	49	
		M -35 GRADE RCC & Precast										
		07 Days	As per MoRT&H	500	92	92		592	81	46	127	
		28 Days		1492	272	272		1764	235	134	369	
		M -40 GRADE RCC										
		07 Days	As per MoRT&H	264	132	132		396	41	40	81	
		28 Days		417	269	269		686	110	85	195	
		M -45 GRADE RCC										
		07 Days	As per MoRT&H									
		28 Days										
		M -50 GRADE RCC										
		07 Days	As per MoRT&H	12	9	9		21	8	4	12	
28 Days	20	19		19		39	10	7	17			

MONTHLY PROGRESS REPORT FOR THE MONTH OF OCTOBER 2025 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	DLC	07 Days	One set /1000 Sqm									
		Field Density	3 Density Holes/2000 Sqm									
14	PQC	M -40 GRADE										
		Cubes 07 Days	As per MoRT&H									
		28 Days										
		Beams 07 Days										
28 Days												
15	CEMENT	Consistency	1 Test / week/Source	29	5	5		34	6	5	11	
		Initial and Final Setting Time	1 Test / week/Source	29	5	5		34	6	5	11	
		Specific Gravity	As & when Required									
		Soundness	1 Test / week/Source	29	5	5		34	6	5	11	
		Finness	1 Test / week/Source	29	5	5		34	6	5	11	
		Compressive Strength	1 Test / week/Source	79	15	15		94	17	7	24	
16	CEMENT GROUT	Compressive Strength	1 Set / Day/Girder									
17	CEMENT MORTAR	Compressive Strength	1 Set / Day									
18	WATER	Water Tests	Every 3 month	5				5				
19	STEEL	32mm dia.	500 MT/Samples	3				3				
		25 mm dia.	500 MT/Samples	4				4				
		20 mm dia.	500 MT/Samples	6				6				
		16 mm dia.	500 MT/Samples	6				6				
		12 mm dia.	500 MT/Samples	5				5				
		10 mm dia	500 MT/Samples	4				4				
		8 mm dia	500 MT/Samples	3				3				
		Structural Steel	Each and every Lot									
		HT Strands	1 Test /Each Coil/Lot	1				1				
20	FINE AGGREGATE	Sieve Analysis	1 Test/day/plant/Source	243	31	31		274	38	15	53	
		Sp.Gravity & W.Absorption	As & when Required	5				5	1		1	
		Organic Impurities	As & when Required									
21	COARSE AGGREGATES	Sieve Analysis	1 Test/day/plant/Source	632	93	93		725	138	40	178	
		Sp.Gravity & W.Absorption	As & when Required	6				6	2		2	
		A I V Tests	1 Test/week/plant/Source	31	4	4		35	8	2	10	
		E.I & F.I Index	1 Test/ Fort night/plant	30	4	4		34	8	2	10	
22	CALIBRATION	Plant	Every 3 month	3	3	3		6	2	3	5	
		Lab. Equipments	As per Calibration Plan	77	3	3		80	21	3	24	

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 OCTOBER - 2025 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-Oct-25	0.0	0.0	79	25.4	39.5	
2	02-Oct-25	0.0	0.0	79	25.4	38.9	
3	03-Oct-25	6.4	6.4	79	25.1	35.1	
4	04-Oct-25	5.0	11.4	79	25.3	35.4	
5	05-Oct-25	7.6	19.0	79	23.5	35.7	
6	06-Oct-25	2.0	21.0	79	23.2	34.4	
7	07-Oct-25	0.0	21.0	79	22.8	35.5	
8	08-Oct-25	0.0	21.0	79	21.6	36.1	
9	09-Oct-25	0.0	21.0	75	22.5	35.3	
10	10-Oct-25	0.0	21.0	72	21.2	34.9	
11	11-Oct-25	0.0	21.0	73	19.2	32.1	
12	12-Oct-25	0.0	21.0	72	19.5	34.9	
13	13-Oct-25	0.0	21.0	77	21.1	35.9	
14	14-Oct-25	0.0	21.0	77	20.8	34.8	
15	15-Oct-25	0.0	21.0	77	21.4	34.9	
16	16-Oct-25	0.0	21.0	76	21.0	35.1	
17	17-Oct-25	0.0	21.0	77	22.8	35.1	
18	18-Oct-25	0.0	21.0	77	23.1	34.9	
19	19-Oct-25	0.0	21.0	76	22.4	35.4	
20	20-Oct-25	0.0	21.0	75	20.8	35.8	
21	21-Oct-25	0.0	21.0	79	23.2	35.6	
22	22-Oct-25	0.0	21.0	76	23.0	35.3	
23	23-Oct-25	0.0	21.0	77	23.1	35.4	
24	24-Oct-25	0.0	21.0	77	23.0	35.8	
25	25-Oct-25	3.0	24.0	78	23.2	35.1	
26	26-Oct-25	10.0	34.0	79	26.8	36.0	
27	27-Oct-25	13.0	47.0	78	23.8	34.5	
28	28-Oct-25	4.0	51.0	79	24.4	29.8	
29	29-Oct-25	1.0	52.0	79	24.2	30.8	
30	30-Oct-25	0.0	52.0	77	22.8	29.7	
31	31-Oct-25	0.0	52.0	78	23.1	32.2	

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



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 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	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	POURING CYLINDER (SMALL) FDD SET	100 MM	2	
36	POURING CYLINDER (MEDIUM) FDD SET	150 MM	2	
37	POURING CYLINDER (BIG) FDD SET	200 mm	2	
38	POURING CYLINDER TRAY (SMALL) FDD	100 MM	2	
39	POURING CYLINDER TRAY(MEDIUM) FDD	150 MM	2	
40	POURING CYLINDER TRAY(BIG) FDD	200 mm	2	
41	RMM	Capacity 25%	2	
42	CALCIUM CARBIDE FOR RMM	PACKETS	10	
43	MEASURING CYLINDER (GLASS)	100 ml.	45	

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



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 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
44	MEASURING CYLINDER (GLASS)	500 ml.	7	
45	MEASURING CYLINDER (GLASS)	1000 ml.	2	
46	MEASURING CYLINDER (PLASTIC)	500 ml.	2	
47	MEASURING CYLINDER (PLASTIC)	1000 ml.	2	
48	BEAKER (GLASS)	500 ml.	8	
49	BEAKER (GLASS)	1000 ml.	1	
50	BOROSIL FLASK	100 ml.	1	
51	GMM FILTERING FLASK WITH RUBBER CORK	500 ml	1	
52	GMM FILTERING FLASK WITH RUBBER CORK	2000 ml	2	
53	GMM FILTERING FLASK WITH RUBBER CORK	5000 ml	2	
54	FUNNEL	50mm,100mm	1 Each	
55	PYCNOMETER BOTTEL FOR SPG		8	
56	DEPTH MEASURING SCALE	300 mm	3	
57	GLASS PLATE	100X80 mm	2	
58	GLASS PLATE	200X200 mm	2	
59	GLASS PLATE	600X600 mm	1	
60	DIGITAL THERMOMETER	0°C TO 300°C	6	
61	GLASS THERMOMETER	0°C TO 250°C	8	
62	VERNIER CALIPER DIGITAL	300 mm	1	
63	HYDROMETER	0.80 to 0.90, 1.0 to 1.5 & 1.0 to 2.0	1 Each	
64	STOP WATCH		2	
65	HYGROMETER	MIN. & MAX. TEMP.	2	
66	GI TRAY (BIG SIZE)	1200X1000 MM	3	
67	GI TRAY (BIG SIZE)	1000X1000 MM	1	
68	GI TRAY (BIG SIZE)	1000X500 MM	2	
69	ENAMEL TRAY	600X450 MM	6	
70	GI TRAY	600X450 MM	16	
71	GI TRAY (MEDIUM SIZE)	600X400 MM	1	
72	GI TRAY (SMALL SIZE)	400X350MM	1	
73	ENAMEL TRAY (SMALL SIZE)	450X300 MM	15	
74	GI TRAY (SMALL SIZE)	450X300 MM	18	
75	ENAMEL TRAY (SMALL SIZE)	350X250 MM	12	
76	ENAMEL CIRCULAR PLATE	250MM	12	
77	COOLING BATH DIGITAL		1	
78	WATER BATH DIGITAL 60°C WITH THERMOSTATICALLY CONTROL	30 Liter capacity	2	
79	OVEN (BIG)	1250X750 MM	1	(Sr No.160212)

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



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 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	OVEN (MEDIUM)	900X600 MM	1	(Sr No.081141)
81	OVEN (SMALL)	600X600 MM	1	
82	DRYING OVEN	225 Liter	2	
83	HOT PLATE	200 mm	1	
84	FI GUAGE		2	
85	ELONGATION GUAGE		2	
86	SIEVE SHAKER	200mm	1	
87	CYLINDER FOR BULK DENSITY OF AGGREGATE	3Ltr,10 Ltr. & 30 Ltr.	1 Set	
88	BEAM MOULD	15X15X70CM	3	
89	CONCRETE CUBE MOULD	15X15X15CM	150	
90	GROUTING CUBE MOULD	10X10X10CM	10	
91	CEMENT CUBE MOULDS	7.06X7.06X7.06	34	
92	MORTAR CUBE MOULD	5X5X5	6	
93	SLUMP CONE WITH TEMPING RODS		9	
94	AIV APPRATUS WITH ALL ASSESORIES		1	
95	COMPRESSIVE STRENGTH TEST(CTM) DIGITAL	2000 KN	1	
96	FLEXTURAL TESTING MACHINE	100 KN	1	
97	CONCRETE MIXER MACHINE WITH CAP	150 Liter Capacity	1	Electrically operated
98	VIBRATING TABLE	1MX1M	1	
99	CEMENT CUBE VIBRETING MACHINE		1	
100	VICAT.APP.WITH ASS.		1	
101	VICAT.APP NEEDLE FOR INITIAL SETTING TIME		1	
102	VICAT.APP NEEDLE FOR FINAL SETTING TIME		1	
103	VICAT.APP PLUNGER FOR CONSISTENCY		1	
104	SOUNDNESS TEST APPARATUS (CEMENT)	PACKETS	2	
105	LE-CHATLEIR FLASK		1	
106	STANDERD SAND ZONE-I,II,III		2 Each	
107	GAUGING TROWEL		2	
108	WIRE BASKET FOR DENSITY		2	
109	RIFFLE BOX (SAMPLE DIVIDER)	75 mm	1	
110	RIFFLE BOX (SAMPLE DIVIDER)	53 mm	1	
111	RIFFLE BOX (SAMPLE DIVIDER)	25 mm	1	
112	SAND SCOOP (Small)		5	
113	CORE CUTTER MACHINE - HILTI DD-160	150 mm Dia	1	
114	CORE BIT (DIAMOND CUTTING EDGE)	100 mm Dia	2	
115	CORE BIT (DIAMOND CUTTING EDGE)	150 mm Dia	2	
116	FLOW CUP		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



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

Sr. NO.	ITEM NAME	CAPACITY	Total Available Qty	REMARK
117	DLC COMPECTOR (HILTI TE-1000 AIR)		1	
118	AIR METER FOR CONCRETE MIX Autometric type As per ASTM C231		1	
119	COMPACTION FACTOR EQUIPMENT CONCRETE As per IS:5515-1983		1	
120	WASH BOTTLE PLASTIC	1 LTR	1	
121	3 METER STRAIGHT EDGE AND MEASURING WEDGE		1 Set	
122	DIGITAL DEPTH GAGE	INSIZE	1	
123	BITUMEN EXTRACTION MACHINE		1	
124	COMPACTION PEDESTAL		1	
125	MARSHALL STABILITY		1	
126	MARSHAL MOULD WITH CALLOR	100 mm Dia	24	
127	MARSHAL SAMPLE EXTRACTOR (MOULD DI	100 MM DIA	1	Hydraulic
128	DUCTILITY TESTING MACHINE-DIGITAL TEMP CONTROL-REFRIGERATED-IS 1208		1	
129	ELASTIC RECOVERY MOULD WITH BASE PLATE		1 Set	
130	VACUUM PUMP (OIL FREE)		1	
131	RING AND BALL APPARATUS		1	
132	BITUMEN PENETROMETER		1	
133	TAR VISCOMETER		1	
134	VISCOSITY BATH		1	
135	U-TUBE GLASS VISCOMETER REVERSE FLOW	Size-06	2	
136	U-TUBE GLASS VISCOMETER CANNON MAN	Size-12,13	2 Each	
137	RAIN GAUGE		1	
138	SIEVE SIZE 450 mm dia			
	125mm		2	
	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	

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



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

Sr. NO.	ITEM NAME	CAPACITY	Total Available Qty	REMARK
	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	
139	SIEVE SIZE 200 mm dia Brass			
	6.3mm		4	
	4.75mm		4	
	2.36mm		4	
	2.0mm		6	
	1.7mm		3	
	1.18mm		3	
	1.0 mm		3	
	850mic		4	
	600mic		2	
	425mic		4	
	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



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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	08-09-25	07-12-25	
2	Proctor Moulds Standard	SBHPL/QC-1/MCC/PM/1-3	In House	Every 3 months	Available in Records	08-09-25	07-12-25	
3	Proctor Rammer 4.9kg	SBHPL/QC-1/MCC/PH/1-5	In House	Every 3 months	Available in Records	08-09-25	07-12-25	
4	Proctor Rammer 2.6kg	SBHPL/QC-1/MCC/PH/6-8	In House	Every 3 months	Available in Records	08-09-25	07-12-25	
5	CBR Moulds	SBHPL/QC-1/MCC/CM/1-66	In House	Every 3 months	Available in Records	08-09-25	07-12-25	
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 30 KN	SBHPL/MCC/PR/30KN/01	DRS Testing Technology Pvt.Ltd	26 months	Available in Records	04-01-25	03-03-27	
8	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	
9	Surcharg Weights	SBHPL/QC-1/MCC/SW/1-76	In House	1 Year	Available in Records	09-03-25	08-06-26	
10	Cone Penetrometer	SBHPL/QC-1/MCC/CP/01	In House	1 Year	Available in Records	09-03-25	08-06-26	
11	Moisture Containers (Steel)	SBHPL/QC-1/MCC/MC/1-247	In House	Every 3 months	Available in Records	08-09-25	07-12-25	
12	Electronic Balance 50 Kg	SBHPL/MCC/WB/50/2	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
13	Electronic Balance 30 Kg	SBHPL/MCC/WB/30/1-2	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
14	Electronic Balance 20 Kg	SBHPL/MCC/WB/20/3	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
15	Electronic Balance 10 Kg	SBHPL/MCC/WB/10/1-2	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
16	Electronic Balance 5 Kg	SBHPL/MCC/WB/5/1	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
17	Electronic Balance 5 Kg	SBHPL/MCC/WB/5/2	Kumar Brother	1 Year	Available in Records	15-05-25	14-05-26	
18	Electronic Balance 600 gm	SBHPL/MCC/WB/600/1-2	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
19	Sand Pouring Cylinder 100 mm	SBHPL/QC-1/MCC/SPC-100/01	In House	Every 3 months	Available in Records	09-09-25	08-12-25	
20	Sand Pouring Cylinder 150 mm	SBHPL/QC-1/MCC/SPC-150/01	In House	Every 3 months	Available in Records	09-09-25	08-12-25	
21	Sand Pouring Cylinder 200 mm	SBHPL/QC-1/MCC/SPC-200/01	In House	Every 3 months	Available in Records	09-09-25	08-12-25	
22	Rapid Moisture Meter (RMM)	SBHPL/QC-1/MCC/RMM/01	In House	Every 3 months	Available in Records	09-09-25	08-12-25	
23	Digital Thermometer	SBHPL/MCC/TH/1-2	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
24	Glass Thermometer	SBHPL/MCC/GT/1-2	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	

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	Vernier Caliper Digital	SBHPL/MCC/DVC/1	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
26	Measuring Tape	SBHPL/MCC/MT/1	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
27	Stop Watch Digital	SBHPL/MCC/DSW/1	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
28	S.S.Scale	SBHPL/MCC/SS/01	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
29	Flakiness Gauge	SBHPL/MCC/FI/01	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
30	Elongation gauge	SBHPL/MCC/EI/01	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
31	Vacuum gauge	SBHPL/MCC/VG/01	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
32	Bitumen Extraction Machine	SBHPL/MCC/BE/01	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
33	Water bath Digital	SBHPL/MCC/WB/1-2	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
34	Hot Air Oven	SBHPL/MCC/OV/1-5	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
35	Concrete Cube Moulds	SBHPL/QC-1/MCC/CCM/1-150	In House	Every 3 months	Available in Records	06-10-25	05-01-26	
36	Cement Cube Moulds	SBHPL/QC-1/MCC/CM/1-34	In House	Every 3 months	Available in Records	06-10-25	05-01-26	
37	Slump Cone	SBHPL/QC-1/MCC/SC/1-9	In House	Every 3 months	Available in Records	06-10-25	05-01-26	
38	AIV Appratus	SBHPL/QC-1/MCC/AIV/1	In House	Every 3 months	Available in Records	10-01-25	09-01-26	
39	Compressive Strength Machine (CTM) 2000 KN	SBHPL/MCC/DCTM/01	Asain Technology	1 Year	Available in Records	12-12-24	11-12-25	
40	Flextural Testing Machine (FTM) 100 KN	SBHPL/MCC/FTM/01	Asain Technology	1 Year	Available in Records	12-12-24	11-12-25	
41	CEMENT CUBE VIBRETING MACHINE	SBHPL/MCC/VM/01	Asain Technology	1 Year	Available in Records	10-12-24	09-12-25	
42	Vicat Apparatus	SBHPL/QC-1/MCC/VA/01	In House	1 Year	Available in Records	10-01-25	09-01-26	
43	IS Sieve (450mm Dia)	SBHPL/MCC/GIS/1-26	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
44	IS Sieve (200mm Dia)	SBHPL/MCC/BS/1-19	Premium Calibration Services	1 Year	Available in Records	10-12-24	09-12-25	
45	Concrete Batching Plant (BP-01) @ 107+500 RHS	SBHPL/MCC/BP-01	In House	Every 3 months	Available in Records	09-10-25	08-01-26	
46	Concrete Batching Plant (BP-02) @ 125+000 LHS	SBHPL/MCC/BP-02	In House	Every 3 months	Available in Records	13-10-25	12-01-26	
47	CTSB/CTB Plant (Plant-2) @ 105+300 LHS	SBHPL/MCC/BP-02	In House	Every 3 months	Available in Records	06-10-25	05-01-26	

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 & 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"> 1.Change in Box Culvert size From (1 X 5.00 X 3.8) To (1 X 12.00 X 3.8) @ Kms 105+780 2.4 nos Pipe Culvert @ Km 124+900, Km 125+020, Km 125+690 & Km 126+100 at Canal Crossing in Baktra Bypass 3.New Pipe Culvert @ KM 126+880 for Irrigation Canal Crossing 4.New Pipe Culvert @ KM 130+520 for Irrigation Canal Crossing 5.New Pipe Culvert @ KM 130+880 for irrigation Canal Crossing 6.At Km 124+400 provision of Both Direction VUP (15+30+15) 7.Additional VUP @ km. 125+000 & RE Wall Approach Baktra Bypass with RE Wall and Earthwork 8.Change in Minor Bridge size From (1 X 7.00) To (1 X 20.00) @ Kms 135+950 9.Change in Box Culvert size From (1 X 5.00 X 3.7) To MNB (1 X 20.00) and deletion of VUP at Kms 139+930 with SR 10.Additional New Box Culvert @ Km. 142+290 for irrigation canal 11.Shifting of Irrigation Canal from 126+700 To 127+250 LHS from ROW 12.Shifting of Irrigation Canal from Km 128.400 TO 130.500 LHS from ROW 13.Construction of Toe Wall/Provision of Retaining Wall where ROW is nor Available excluding Provision of Schedule-B 14.Utility Shifting of GSS 15.PHED pipe line extra work as per Schedule-B Exclude GST 18% 16.PHED pipe line Canal Syphon work 1200 Dia Pipe 17.3 nos Pipe Culvert @ Km at Canal Crossing in Various Locations 113572, 118070, 122440 (IE Letter No. 287 Dated 16.09.2025) 18.5 nos Pipe Culvert @ Km at Canal Crossing in Various Locations 138920, 138380, 134800, 131230,130500 (IE Letter No. 229 Dated 16.09.2025) 19.Construction of Servicer Road in Rigid Pavement in lieu of Flexible Pavement as per NHAI Circular 20.Additional Pipe Culvert at Ch. @ 141780 (IE Letter No. 171 Dated:- 30.08.2025) 	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 Amount Rs 57.09 Cr. to Authority (NHAI) for In-principal Approval vide letter no. SAPL/MP/2025-26/801 dated 29.09.2025</p>	<p>Rs. 40.25 Crore</p> <p>Rs. 37.16 Crore</p> <p>Rs. 58.19 Crore</p> <p>Rs. 57.09 Crore</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

Annexure I

SHAHGANJ BADI HIGHWAYS PVT. LTD.

CTB Laying in progress



SHAHGANJ BADI HIGHWAYS PVT. LTD.

Work in Progress of MNB at Km 119+690 (RHS)



Work in Progress of VUP at Km 120+275



SHAHGANJ BADI HIGHWAYS PVT. LTD.

RE Wall Completed & Slab work in Progress of LVUP at Km.105+268



SHAHGANJ BADI HIGHWAYS PVT. LTD.

Work in progress at Km. 104+000

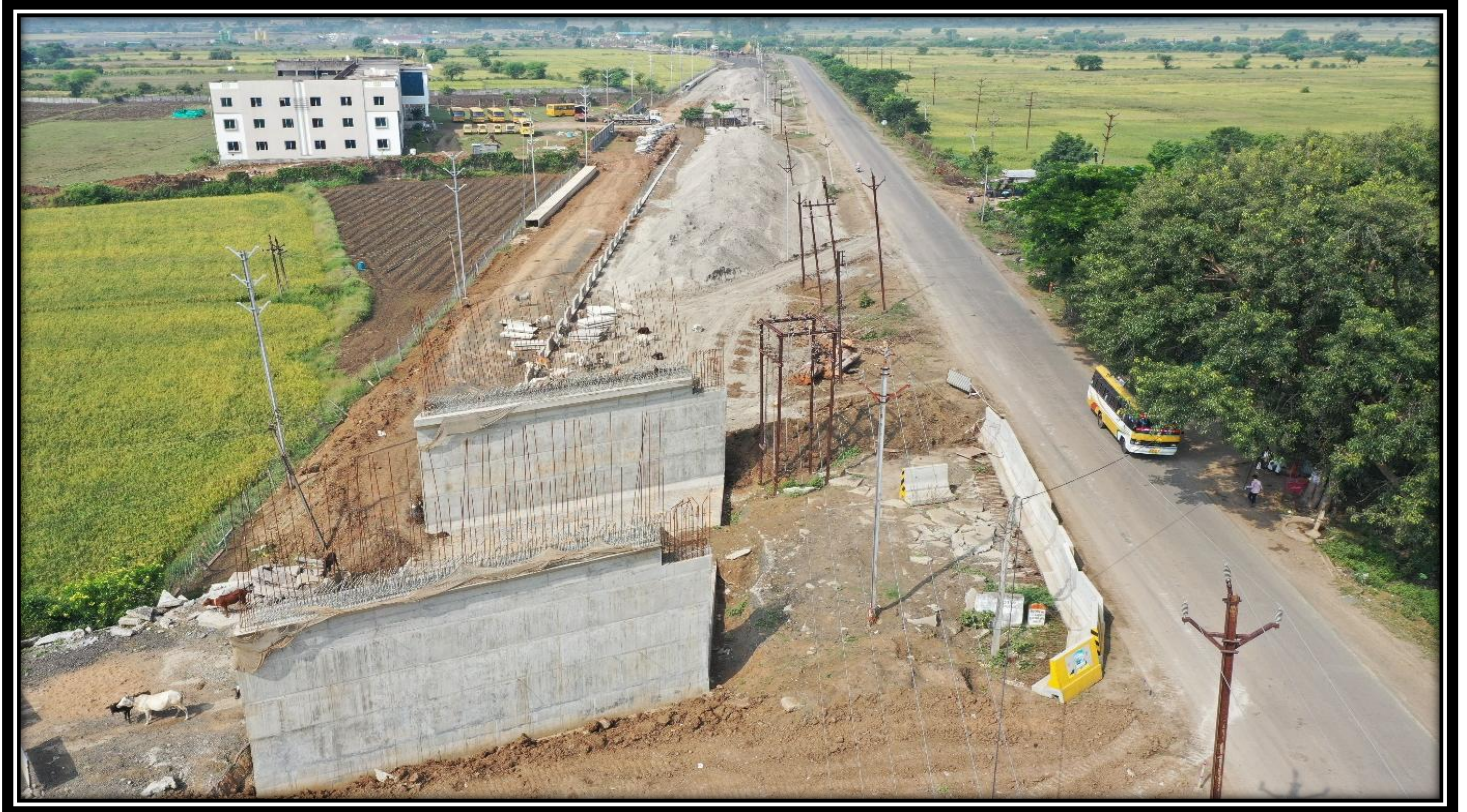


Precast Box Segment Erection Completed at Km. 140+215



SHAHGANJ BADI HIGHWAYS PVT. LTD.

Work in Progress of VUP at Km 110+480



SHAHGANJ BADI HIGHWAYS PVT. LTD.

Work in Progress of MNB at Km. 109+400



Work in Progress of MNB at Km. 107+187



Drain Work in Progress



Girder Casting Work in Progress



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.

Potholes filling work in Progress at Ch. 111+740

