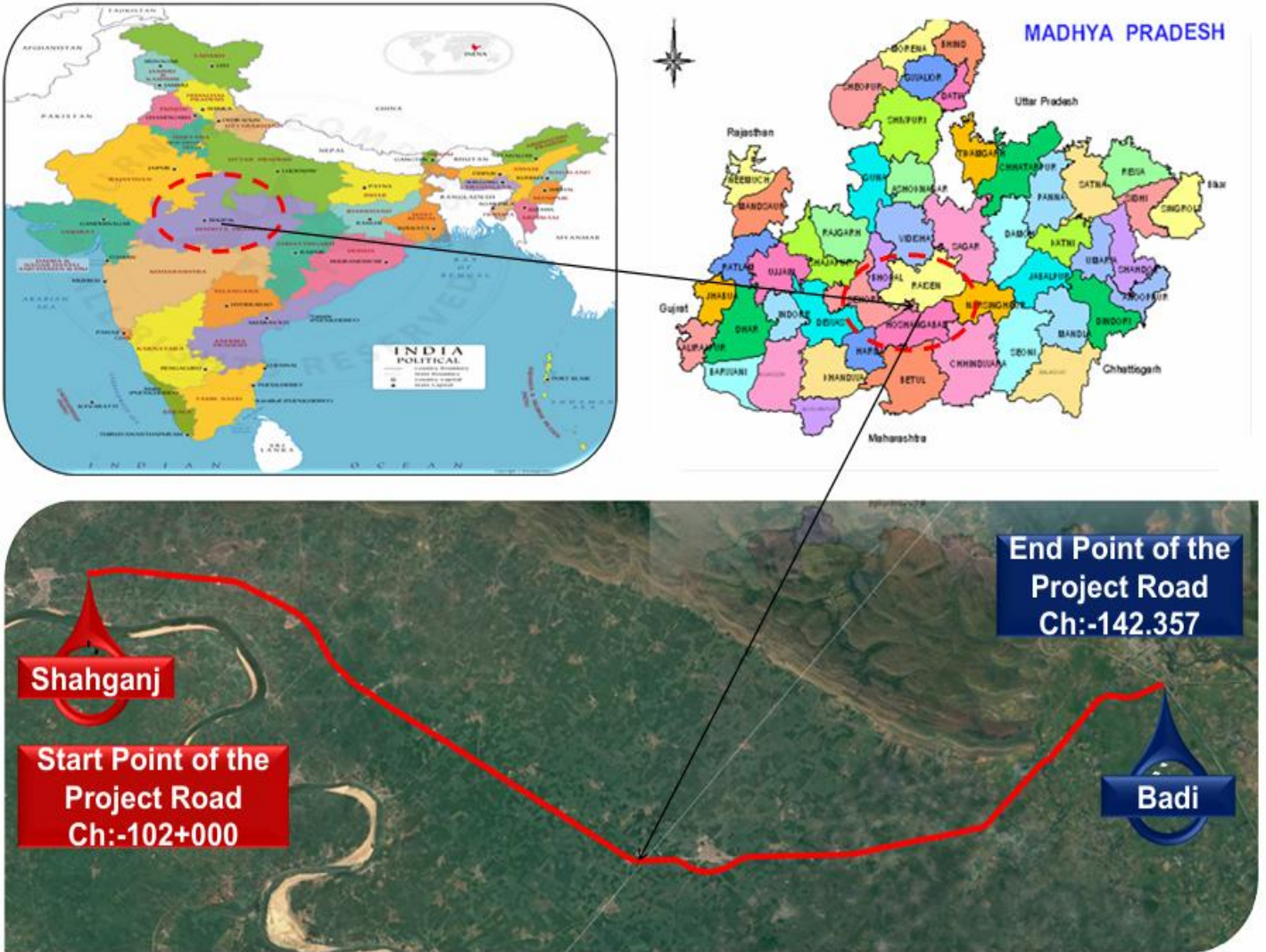


SHAHGANJ BADI HIGHWAYS PVT. LTD.

MONTHLY PROGRESS REPORT

April-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 - APRIL- 2026

Index

S.No.	Description	From		To
1	Executive Summary	1	to	1
2	Salient Features of Projects	2	to	2
3	Project Milestone	3	to	4
4	Location Map	5	to	5
5	Key Plan	6	to	6
6	Unresolved Issues/Constraints	7	to	9
7	Strip Plan (Summary)	10	to	10
8	Progress Status Structure	11	to	11
9	Land Acquisition and clearances	12	to	12
10	Status of Utility Shifting	13	to	13
11	Mobilization Resources	14	to	17
12	Permissions and Approval	18	to	18
13	Drawing Status	19	to	19
14	Physical Progress	20	to	21
15	Strip Chart	22	to	26
16	Safety and Health	27	to	28
17	Quality	29	to	43
18	Change of Scope	44	to	44
19	Accident Report	45	to	45
20	Photographs	46	to	50

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
A- Physical Progress	
Cumulative Physical Progress upto current month (%)	42.98%
Cumulative Financial Progress upto current month (%)	42.83%
Current Month Financial Progress (%)	2.61%
Cumulative Expenditure till date (Rs Cr) as per Construction cost @ 519 Cr.	222.29
Tests passed as % of total tests witnessed by IE	7.666%

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.

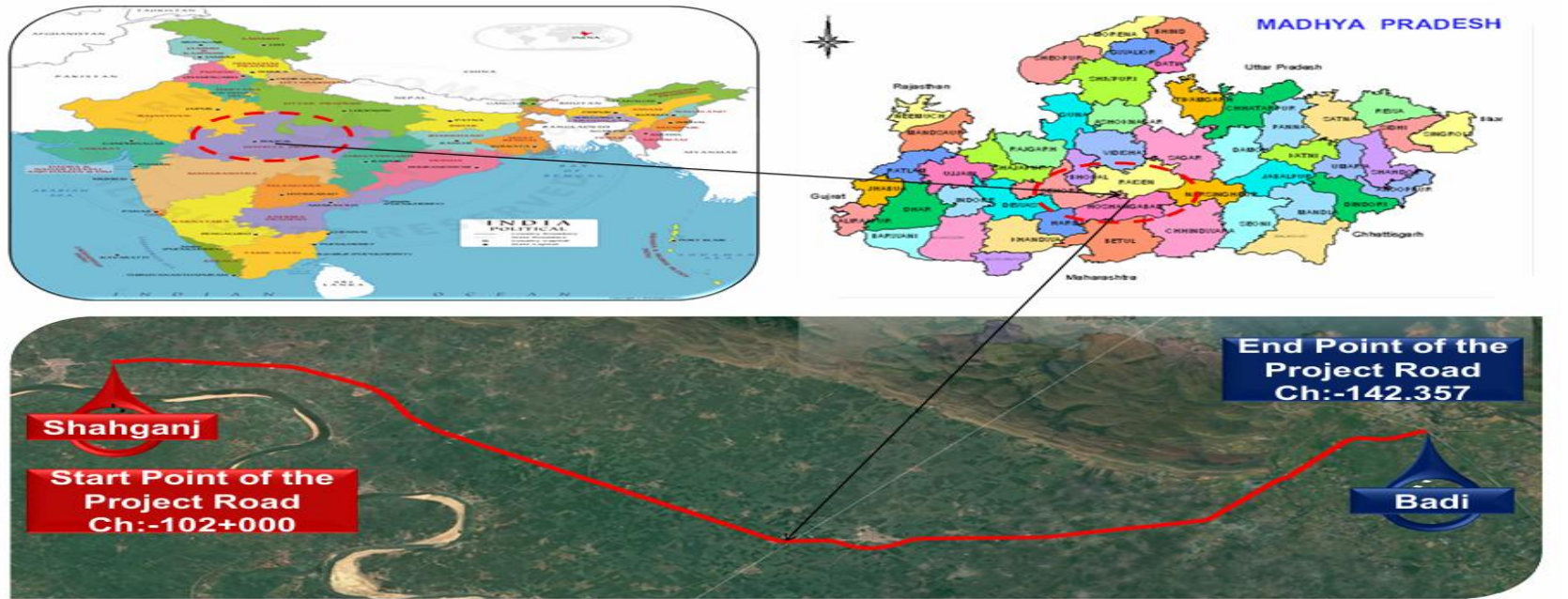
Project Milestones

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%		Achieved on 19.12.2025	
Milestone II	18-02-2026	35%		Achieved on 20.03.2026	
Milestone III	16-09-2026	75%		42.83%	
Scheduled Completion	24-03-2027	100%			

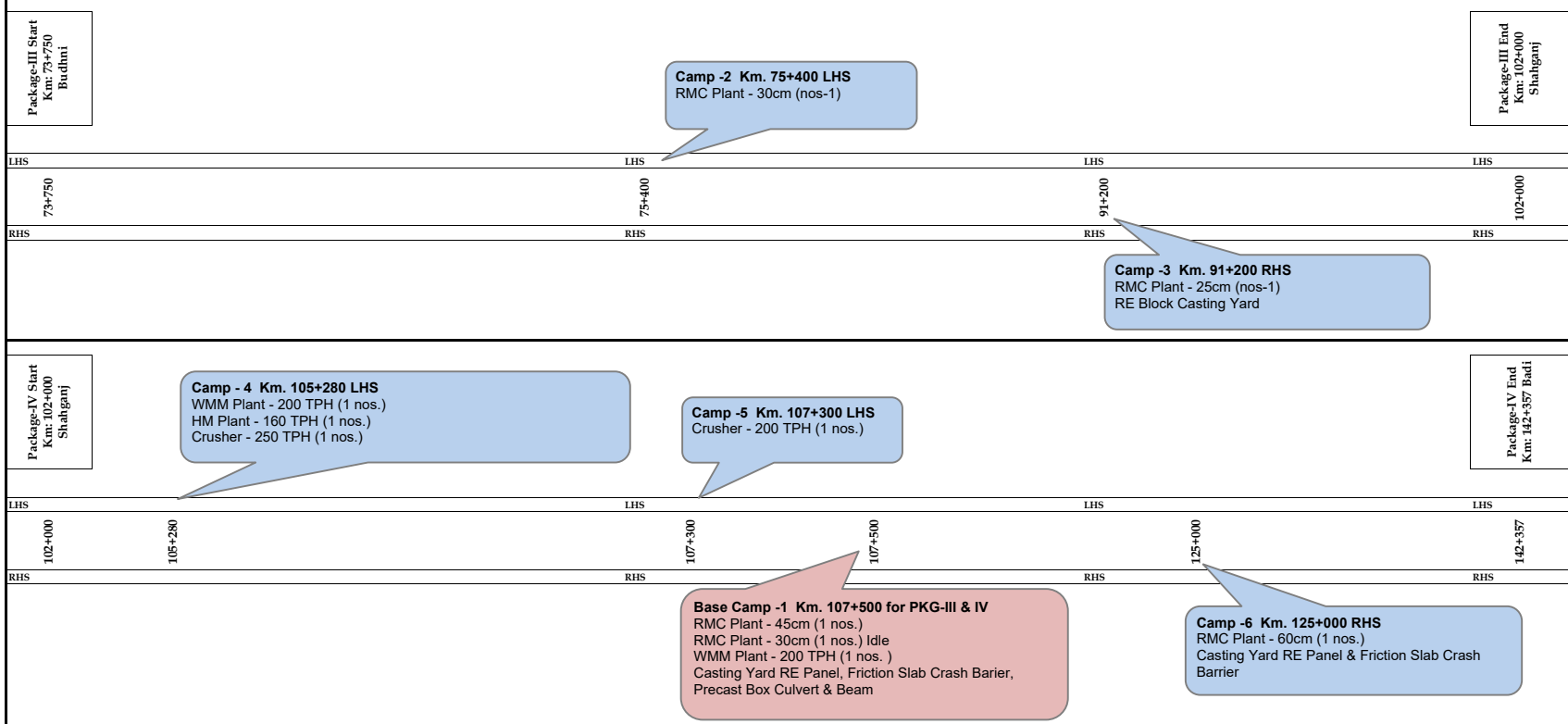
Payment Milestones

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	Achieved	MPC-5 on achievement of 40% is submitted vide letter no. SBHPL/NHAI/FY25-26/544□
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		

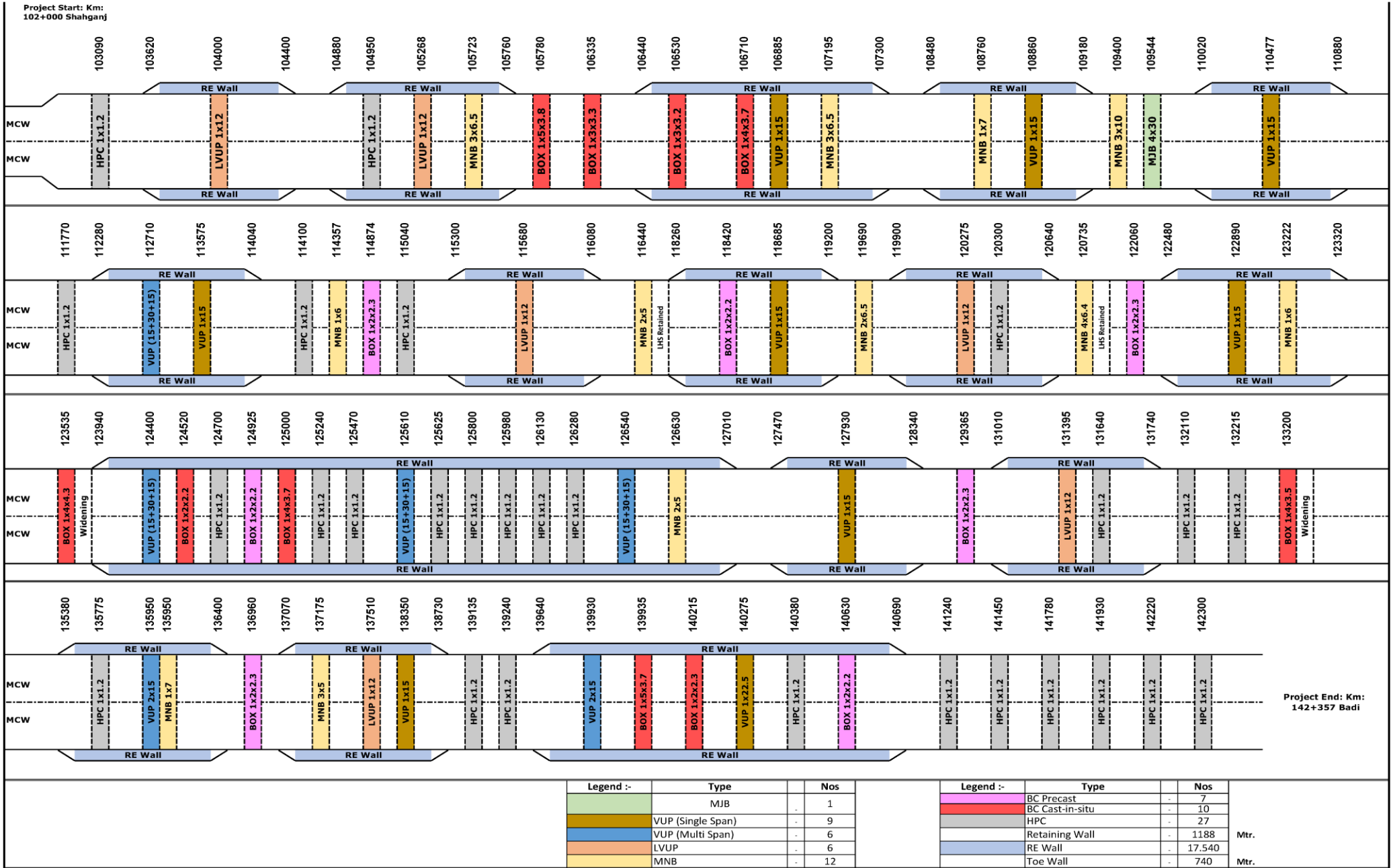
Camp Location Map



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 3.926 Km. is effected as on 30.04.2026
	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 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
40	118+600	118+700	100	House

Hindrance Status

SR. NO.	CHAINAGE		AFFECTED LENGTH	Description
	FROM	TO	(METER)	
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
Total Length >>>>			3926 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.	35.830	
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	33.79	42.71%	DBM	4.380	12.22%
Acq. Ha.	89.931	90.27%	AIL	35.37	44.71%	AIL	4.850	13.54%
			CTB	38.17	48.25%	CTSB/GSB	5.770	16.10%
			CTSB/GSB	42.54	53.77%	Sub-Grade	8.620	24.06%
			Sub-Grade	44.41	56.14%			

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	5	5	2	
Light Vehicular Underpass	6	2	3	1	
Vehicular Underpass	15	1	10	4	
Box Culverts	17	12	3	2	
Pipe Culverts	27	18	7	2	
RE Wall	21	2	14	5	
TOTAL	99	40	43	16	

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	57 Km. Wire Installation completed and balance work in progress. 4 Km. Pole Erection completed and balance work in progress.	Estimates are approved. Supervision charges deposited to Owning Department by Authority.
2	11 KV	16	16	16	53.48	50 Km Wire installation completed and balance in progress. 3 Km. Pole Erection completed and balance work in progress.	
3	LT Line	15	15	15	3.72	1.8 Km Wire installation completed and balance 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	2.65 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.
TOTAL		1455	1455	0	

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	Tandem 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
A - Key Person				
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 - 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	
5	Abhishek Prajapat	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	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	
E - QA/QC				
1	Gangaram Gurjar	AGM QA / QC	QA/QC	
2	Manoj Kumar Dhakar	Manager QA / QC	QA/QC	
3	Munna Kumar Nirala	Asst. Manager QA / QC	QA/QC	
4	Rajesh Kumar	Qc Engineer	QA/QC	
5	Bijaya Kumar Bhuyan	Sr. Lab Technician	QA/QC	
6	Shailesh Kumar	Sr. Lab Technician	QA/QC	
7	Madan Lal	Sr. Lab Technician	QA/QC	
8	Narendra	Lab Technician	QA/QC	
9	Ladu Singh	Lab Technician	QA/QC	
10	Soumya Ranjan Jena	Lab Technician	QA/QC	
11	Sanjay Kumar	Lab Technician	QA/QC	
12	Pappu Lal Gurjar	Lab Technician	QA/QC	
13	Aman Kumar Sah	Lab Helper	QA/QC	
14	Avdhesh Kumar	Lab Helper	QA/QC	
15	Vrand Kumar Marko	Lab Helper	QA/QC	
16	Bittu Kumar Gupta	Lab Helper	QA/QC	
17	Vimal	Lab Helper	QA/QC	
18	Hari Om Saxena	Lab Helper	QA/QC	
19	Jakir Ansari	Lab Helper	QA/QC	
20	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	

Mobilization of Resources

SR. NO.	EMPLOYEES NAME	DESIGNATION	DEPARTMENT	REMARKS
8	Ram Chandra	Surveyor	Survey	
9	Dilip	Surveyor	Survey	
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	
G -Legal & Liaison				
1	Puneet Kumar Dubey	Agm	Legal & Liaison	
H -HR/Admin				
1	Anupam Singh	Manager	Hr/ Admin	
2	Mukesh	Asst. HR.	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	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	
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	

Mobilization of Resources

SR. NO.	EMPLOYEES NAME	DESIGNATION	DEPARTMENT	REMARKS
25	Crane Operator	01 Nos	Plant & Machinery	
26	Crane Helper	03 Nos	Plant & Machinery	
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	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	6	6	
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	47	31	

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 April-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/Structures (But excluding Service Road)	A- Widening and Strengthening of Existing Road						
	(1) Earthwork up to top of the Subgrade	Km.	69.494	3.65%	38.989	2.050%	
	(2) Granular Work (Sub-Base, Shoulders)						
	(a) CTSB / GSB	Km.	69.494	4.20%	37.500	2.266%	
	(b) CTB	Km.	69.494	1.80%	33.411	0.867%	
	(c) AIL/WMM	Km.	69.494	1.68%	30.886	0.745%	
	(3) Shoulder/Median	Km.	41.550	0.09%	-	0.000%	
	(4) Bituminous works						
	(c) DBM	Km.	69.494	6.12%	29.816	2.626%	
	(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%	5.420	0.330%	
	(2) Granular Work (Sub-Base, Shoulders)						
	(a) CTSB/ GSB Realignment	Km.	9.614	0.53%	5.040	0.280%	
	(b) CTB Realignment	Km.	9.614	0.26%	4.760	0.128%	
	(c) AIL Realignment	Km.	9.614	0.24%	4.480	0.112%	
	(3) Shoulder	Km.	3.334	0.01%	-	0.000%	
	(4) Bituminous works						
	(c) DBM	Km.	9.614	0.82%	3.970	0.337%	
	(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%	36.500	1.275%
	(2) Minor Bridges						
	a) Foundation	Nos.	36.000	1.45%	24.000	0.964%	
	b) Sub-structure	Nos.	36.000	1.25%	22.000	0.762%	
	c) Super-structure (including crash barriers etc complete)	Nos.	36.000	0.96%	20.000	0.532%	
	(3) Cattle/Pedestrian Underpass						
	a) Foundation	Nos.					
	b) Sub-structure	Nos.					
	c) Super-structure (including crash barriers etc complete)	Nos.					
	(4) Pedestrian Overpassess						
	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%	35.000	1.006%	
	b) Sub-structure	Nos.	93.000	1.42%	38.000	0.580%	
	c) Super-structure (including crash barriers etc complete)	Nos.	55.000	2.62%	11.000	0.523%	
	(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							
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							
(1) Foundation							

Item	Stage for Measurement of Physical Progress	Unit	Qty.	Weightage in percentage to the Contract Price	Total Upto Date	
					Completed Qty.	Physical Progress % Age
	(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%	10.000	0.244%
	(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%
	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%	1,07,373.314	1.368%
(b) On Erection	Sqm	134050	32.45%	78,390.995	18.979%	
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%	109.51	3.372%
	(d) HT/LT crossings	No	124.000	1.28%	23.00	0.238%
	(e) Water pipeline	Km	7.600	0.67%	2.650	0.233%
	(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%	4.38	0.723%
	(ii) Toll Plaza	Nos.	1.000	2.25%	-	0.000%
	(iii) Road Side Drains	Km.	35.830	5.16%	11.94	1.719%
	(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%	0.535	0.097%
	(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%	1.190	0.038%	
(d) Culverts on Cross Road	Nos.	45.000	0.46%	-	0.000%	
(e) Utility Pipe 600 Dia	Nos.	80.000	0.12%	32.000	0.047%	
(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%		42.830%	

Project Starting Ch.	102000		
Project Ending Ch.	142357		
Ch. Interval	100	Date	30-04-2026
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			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	
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			
Types of Structures			
Legends			
Not Started (Blank)			
Work In Progress(WIP)			
Completed(COM)			
Workfront Available (WA)			
Workfront Unavailable (WUA)			

Strip Plan :- Shahganj Badi Highways Pvt Ltd

Project Starting Ch.	102000		
Project Ending Ch.	142357		
Ch. Interval	100	Date	30-04-2026
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			110+600
			110+700
			110+800
			110+900
			111+000
			111+100
			111+200
			111+300
			111+400
			111+500
			111+600
			111+700
			111+800
			111+900
			112+000
			112+100
			112+200
			112+300
			112+400
		112+500	
		112+600	
		112+700	
		112+800	
		112+900	
		113+000	
		113+100	
		113+200	
		113+300	
		113+400	
		113+500	
		113+600	
		113+700	
		113+800	
		113+900	
		114+000	
		114+100	
		114+200	
		114+300	
		114+400	
		114+500	
		114+600	
		114+700	
		114+800	
		114+900	
		115+000	
		115+100	
		115+200	
		115+300	
		115+400	
		115+500	
		115+600	
		115+700	
		115+800	
		115+900	
		116+000	
		116+100	
		116+200	
		116+300	
		116+400	
		116+500	
		116+600	
		116+700	
		116+800	
		116+900	
		117+000	
		117+100	
		117+200	
		117+300	
		117+400	
		117+500	
		117+600	
		117+700	
		117+800	
		117+900	
		118+000	
		118+100	
		118+200	
		118+300	
		118+400	
		118+500	
		118+600	
		118+700	
		118+800	
		118+900	
		119+000	
		119+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			
Types of Structures			
Legends			
Not Started (Blank)			
Work In Progress(WIP)			
Completed(COM)			
Workfront Available (WA)			
Workfront Unavailable (WUA)			

Project Starting Ch.	102000		
Project Ending Ch.	142357		
Ch. Interval	100	Date	30-04-2026
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			136+400 136+500 136+600 136+700 136+800 136+900 137+000 137+100 137+200 137+300 137+400 137+500 137+600 137+700 137+800 137+900 138+000 138+100 138+200 138+300 138+400 138+500 138+600 138+700 138+800 138+900 139+000 139+100 139+200 139+300 139+400 139+500 139+600 139+700 139+800 139+900 140+000 140+100 140+200 140+300 140+400 140+500 140+600 140+700 140+800 140+900 141+000 141+100 141+200 141+300 141+400 141+500 141+600 141+700 141+800 141+900 142+000 142+100 142+200 142+300 142+400
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 136+985 MNB 137+175 LVUP 137+520 VUP 138+360 HPC 139+135 HPC 139+240 VUP 139+930 Box Culvert 139+935 Box Culvert 140+215 VUP 140+275 HPC 140+380 Box Culvert 140+655 HPC 141+240 HPC 141+480 HPC 141+780 HPC 141+930 HPC 142+220 HPC 142+300
Types of Structures			
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 is 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 following 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 Signages" 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 APRIL 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 ²	1710					1710	41		41
2	BORROW AREA MATERIAL	Gradation	2 Tests/ 3000 m ³	942				942	122		122	
		Proctor	2 Tests/ 3000 m ³	942				942	122		122	
		Atterberg Limits	2 Tests/ 3000 m ³	942					942	122		122
		Free Swell Index	2 Tests/ 3000 m ³	942					942	122		122
		CBR	1 Test/3000 m ³	479					479	64		64
3	FIELD DRY DENSITY (FDD) TEST	Embankment Layer	10 Density measurement/ 3000 m ²	36326	4970	4965	5	41296	1072	210	1282	
		Subgrade layer	10 Density measurement/ 2000 m ²	6904	236	236		7140	594		594	
		Shoulder	10 Density measurement/ 2000 m ²									
4	GRANULAR SUBBASE [G.S.B]	Gradation	1 Test/ 400 m ³	188	8	8		196	36	2	38	
		Atterberg's Limits	1 Test/ 400 m ³	176	8	8		184	30	2	32	
		Proctor	As required	2				2	1		1	
		CBR	As required	2				2	1		1	
		AIV	As required	105	6	6		111	25	1	26	
		Field Density	1 Test/ 1000 m ²	1646	148	148		1794	155			155
5	CEMENT TREATED SUB BASE [CTSB]	Gradation	1 Test/ 400 cum of mix	362	7	7		369	92	2	94	
		Atterberg's Limits	1 Test/ 400 cum of mix	352	7	7		359	82	2	84	
		Proctor	As required	2				2	2		2	
		AIV	As required	78	2	2		80	30	1	31	
		07 Days Unconfined Compressive Strength (UCS)	1 Test of 3 Specimens 400 tonnes of mix (2 test per Day.)	390	44	44		434	101	12	113	
		Field Density	1 Specimens of 2 Test/ 500 sq.m	2193	45	45		2238	332	33	365	
6	CEMENT TREATED BASE [CTB]	Gradation	1 Test/ 400 cum of mix	160	4	4		164	60	1	61	
		Atterberg's Limits	1 Test/ 400 cum of mix	151	4	4		155	51	1	52	
		Proctor	As required	1				1	1		1	
		AIV	As required	65	2	2		67	26	1	27	
		07 Days Unconfined Compressive Strength (UCS)	1 Test of 3 Specimens 400 tonnes of mix (2 test per Day.)	194	34	34		228	61	6	67	
		07 Days Flexural Strength	1 Test of 3 Specimens 400 tonnes of mix (2 test per Day.)	192	34	34		226	61	6	67	
		Field Density	1 Specimens of 2 Test/ 500 sq.m	1394	44	44		1438	194	14	208	

MONTHLY PROGRESS REPORT FOR THE MONTH OF APRIL 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	AGGREGATE INTER LAYER [AIL]	Gradation of Mix Agg.	1 Test/ 200 m ³	214	16	16		230	66	4	70	
		Atterberg's Limits	1 Test/ 200 m ³	205	16	16		221	57	4	61	
		Proctor	As required	1				1	1		1	
		AIV Test	1 Test/ 1000 m ³	99	6	6		105	23	2	25	
		Fl& El Test	1 Test/ 500 m ³	119	9	9		128	29	2	31	
		Field Density	1 Set of 3 Test/ 1000 m ²	1324	145	145		1469	186	14	200	
8	WET MIX MACADAM [W.M.M]	Gradation of Mix Agg.	1 Test/ 200 m ³	3				3				
		Atterberg's Limits	1 Test/ 200 m ³	1				1				
		Proctor	As required	1				1				
		AIV Test	1 Test/ 1000 m ³	1				1				
		Fl& El Test	1 Test/ 500 m ³	1				1				
		Field Density	1 Set of 3 Test/ 1000 m ²									
9	PRIME COAT Emulsion SS-1	Viscosity	1 tests/Lot	9	1	1		10	2		2	
		Residue 600mic	1 tests/Lot	9	1	1		10	2		2	
		Rate of Spread of Binder	3 Tests/ Day	192	18	18		210	15	6	21	
10	TACK COAT Emulsion RS-1	Viscosity	1 tests/Lot	3	1	1		4				
		Residue 600mic	1 tests/Lot	3	1	1		4				
		Residue Evaporation	1 tests/Lot	3	1	1		4				
		Rate of Spread of Binder	3 Tests/ Day	15				15	3		3	
11	BITUMEN	Penetration	1 tests/Lot	74	18	18		92	10	2	12	
		Viscosity	1 tests/Lot	74	18	18		92	10	2	12	
		Softening Point	1 tests/Lot	74	18	18		92	10	2	12	
12	DENSE BITUMINOUS MACADAM [D.B.M]	Agg. Impact Value	1 Test/ 350 m ³	83		9		92	78	2	80	
		Fl& El Indices	1 Test/ 350 m ³	83	9	9		92	78	2	80	
		Sp.Gravity & W.Absorption	1 Set of Test on Source	4				4	4		4	
		Mix Gradation	1 Test/400 Tons	164	17	17		181	163	3	166	
		Stability of Mix	1 Set/400 Tons	168	17	17		185	167	3	170	
		Binder Content	1Test/400 Tons	161	17	17		178	160	3	163	
		Gmm	1Test/day/plant	166	17	17		183	165	3	168	
		Density of Core	1Test/ 700 m ²	382	69	69		451	196	29	225	

MONTHLY PROGRESS REPORT FOR THE MONTH OF APRIL 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 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										
14	CONCRETE	COMPRESSIVE STRENGTH -											
		M -10 GRADE PCC											
		07 Days	As per MoRT&H	121	6	6		127	18		18		
		28 Days		215	22	22		237	60	3	63		
		M -15 GRADE PCC											
		07 Days	As per MoRT&H	621	103	103		724	111	11	122		
		28 Days		893	295	295		1188	162	31	193		
		M -20 GRADE RCC											
		07 Days	As per MoRT&H	60	15	15		75	13	3	16		
		28 days		99	36	36		135	29	4	33		
		M -20 GRADE (KERB)											
		07 Days	As per MoRT&H		6	6		6		1	1		
		28 Days			7	7		7		1	1		
		M -25 GRADE RCC											
		07 Days	As per MoRT&H	595	93	93		688	114	11	125		
		28 Days		922	124	124		1046	185	13	198		
		M -30 GRADE RCC & Precast											
		07 Days	As per MoRT&H	274	16	16		290	68	2	70		
		28 Days		630	33	33		663	132	6	138		
		M -35 GRADE RCC & Precast											
		07 Days	As per MoRT&H	1037	55	55		1092	234	7	241		
		28 Days		2951	162	162		3113	644	14	658		
		M -40 GRADE RCC											
		07 Days	As per MoRT&H	700	47	47		747	150	10	160		
		28 Days		1438	112	112		1550	340	16	356		
		M -45 GRADE RCC											
		07 Days	As per MoRT&H										
		28 Days											
		M -50 GRADE RCC											
		07 Days	As per MoRT&H	50	1	1		51	25		25		
		28 Days		137	12	12		149	72	6	78		

MONTHLY PROGRESS REPORT FOR THE MONTH OF APRIL 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		4	4		4		4	4		
		Field Density	3 Density Holes/2000 Sqm		18	18		18					
16	PQC	M -40 GRADE											
		Cubes	07 Days	As per MoRT&H									
			28 Days										
		Beams	07 Days										
	28 Days												
17	CEMENT	Consistency	1 Test / week/Source	68	6	6		74	20	2	22		
		Initial and Final Setting Time	1 Test / week/Source	68	6	6		74	20	2	22		
		Specific Gravity	As & when Required										
		Soundness	1 Test / week/Source	68	6	6		74	20	2	22		
		Finness	1 Test / week/Source	68	6	6		74	20	2	22		
		Compressive Strength	1 Test / week/Source	194	15	15		209	46	6	52		
18	CEMENT GROUT	Compressive Strength	1 Set / Day/Girder		44	44		44		5	5		
19	CEMENT MORTAR	Compressive Strength	1 Set / Day										
20	WATER	Water Tests	Every 3 month	9				9					
21	STEEL	32mm dia.	500 MT/Samples	5				5					
		25 mm dia.	500 MT/Samples	6				6					
		20 mm dia.	500 MT/Samples	8				8					
		16 mm dia.	500 MT/Samples	9				9					
		12 mm dia.	500 MT/Samples	8				8					
		10 mm dia	500 MT/Samples	7				7					
		8 mm dia	500 MT/Samples	5				5					
		Structural Steel	Each and every Lot	1				1					
22	FINE AGGREGATE	Sieve Analysis	1 Test/day/plant/Source	421	31	31		452	73	5	78		
		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	1166	93	93		1259	253	15	268		
		Sp.Gravity & W.Absorption	As & when Required	6				6	2		2		
		A I V Tests	1 Test/week/plant/Source	55	4	4		59	17	2	19		
		E.I & F.I Index	1 Test/Fort night/plant	54	4	4		58	16	2	18		
24	CALIBRATION	Plant	Every 3 month	12	4	4		16	7	3	10		
		Lab. Equipments	As per Calibration Plan	119	5	5		124	44	2	46		

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

WEATHER RECORD FOR THE MONTH APRIL- 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-Apr-26	0.0	0.0	74	22.6	37.6	
2	02-Apr-26	9.0	9.0	78	21.3	36.5	
3	03-Apr-26	0.0	9.0	85	21.2	42.4	
4	04-Apr-26	0.0	9.0	90	21.5	42.3	
5	05-Apr-26	0.0	9.0	92	22.6	42.9	
6	06-Apr-26	0.0	9.0	95	21.0	42.0	
7	07-Apr-26	0.0	9.0	95	21.3	42.6	
8	08-Apr-26	0.0	9.0	93	21.7	42.3	
9	09-Apr-26	0.0	9.0	95	22.4	42.4	
10	10-Apr-26	0.0	9.0	93	22.7	42.6	
11	11-Apr-26	0.0	9.0	95	21.9	42.0	
12	12-Apr-26	0.0	9.0	94	22.0	42.3	
13	13-Apr-26	0.0	9.0	95	21.3	42.6	
14	14-Apr-26	0.0	9.0	95	20.3	42.4	
15	15-Apr-26	0.0	9.0	94	21.4	43.3	
16	16-Apr-26	0.0	9.0	95	21.4	44.1	
17	17-Apr-26	0.0	9.0	92	20.9	43.0	
18	18-Apr-26	0.0	9.0	93	21.2	42.0	
19	19-Apr-26	0.0	9.0	92	20.5	42.4	
20	20-Apr-26	0.0	9.0	91	21.3	42.5	
21	21-Apr-26	0.0	9.0	93	21.6	43.0	
22	22-Apr-26	0.0	9.0	94	20.4	42.8	
23	23-Apr-26	0.0	9.0	91	21.5	42.0	
24	24-Apr-26	0.0	9.0	95	20.3	45.2	
25	25-Apr-26	0.0	9.0	94	20.5	45.1	
26	26-Apr-26	0.0	9.0	95	20.2	45.0	
27	27-Apr-26	0.0	9.0	95	20.3	45.8	
28	28-Apr-26	0.0	9.0	95	20.2	45.8	
29	29-Apr-26	0.0	9.0	96	20.3	45.8	
30	30-Apr-26	15.0	24.0	97	20.4	45.6	

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)	25 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 FL	Size-06	2	
147	U-TUBE GLASS VISCOMETER CANNON MANNING VACUUM INDIAN MAKE	Size-12,13	2 Each	
148	RAIN GAUGE		1	
149	SIEVE SIZE 450 mm dia			
	125mm		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	SIEVE SIZE 200 mm dia Brass			
	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



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
	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	05-03-26	04-06-26	
2	Proctor Moulds Standard	SBHPL/QC-1/MCC/PM/1-4	In House	Every 3 months	Available in Records	05-03-26	04-06-26	
3	Proctor Rammer 4.9kg	SBHPL/QC-1/MCC/PH/1-5	In House	Every 3 months	Available in Records	05-03-26	04-06-26	
4	Proctor Rammer 2.6kg	SBHPL/QC-1/MCC/PH/6-8,	In House	Every 3 months	Available in Records	05-03-26	04-06-26	
5	CBR Moulds	SBHPL/QC-1/MCC/CM/1-66	In House	Every 3 months	Available in Records	05-03-26	04-06-26	
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	08-03-26	07-03-27	
13	Cone Penetrometer	SBHPL/QC-1/MCC/CP/01	In House	1 Year	Available in Records	08-03-26	07-03-27	
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	05-03-26	04-06-26	
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	

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
23	Sand Pouring Cylinder 100 mm	SBHPL/QC-1/MCC/SPC-100/01	In House	Every 3 months	Available in Records	07-03-26	06-06-26	
24	Sand Pouring Cylinder 150 mm	SBHPL/QC-1/MCC/SPC-150/01	In House	Every 3 months	Available in Records	07-03-26	06-06-26	
25	Sand Pouring Cylinder 200 mm	SBHPL/QC-1/MCC/SPC-200/01	In House	Every 3 months	Available in Records	07-03-26	06-06-26	
26	Rapid Moisture Meter (RMM)	SBHPL/QC-1/MCC/RMM/01	In House	Every 3 months	Available in Records	07-03-26	06-06-26	
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	

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
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	
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	04-04-26	03-07-26	
50	Cement Cube Moulds	SBHPL/QC-1/MCC/CM/1-34	In House	Every 3 months	Available in Records	04-04-26	03-07-26	
51	Grouting Cube Moulds	SBHPL/QC-1/MCC/GCM/1-12	In House	Every 3 months	Available in Records	08-03-26	07-06-26	
52	Slump Cone	SBHPL/QC-1/MCC/SC/1-9	In House	Every 3 months	Available in Records	04-04-26	03-07-26	
53	AIV Appratus	SBHPL/QC-1/MCC/AIV/1	In House	Every 3 months	Available in Records	08-04-26	07-04-27	
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	08-04-26	07-04-27	
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	08-04-26	07-07-26	
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	13-04-26	12-07-26	
64	CTSB/CTB Plant (Plant-01) @ 105+300 LHS	SBHPL/MCC/CTSB/CTB-01	In House	Every 3 months	Available in Records	06-04-26	05-07-26	
65	AIL Plant (Plant-02) @ 107+500 RHS	SBHPL/MCC/AIL-02	In House	Every 3 months	Available in Records	10-04-26	09-07-26	
66	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 & 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"> Change in Box Culvert size from (1 X 5.00 X 3.8) to (1 X 12.00 X 3.8) @ Km 105+780 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 & 141+780 Reconstruction of 5 no of existing Pipe Culvert @ Km 138+920, 138+380, 134+800, 131+230 & 130+500 Change in Minor Bridge size From 1 x 7m to 1 X 20m @ Km 135+950 Change of Location of VUP (2x15) along with Slip Roads from Km 135+950 to Km 102+250 Box Culvert @ Km 142+290 for irrigation canal Shifting of Irrigation Canal from 126+700 to 127+250 (LHS) Change in Median Width from 9m to 1.5m due to presence of canal from Km 128+400 to 130+500 on LHS Construction of Toe Wall/ Retaining Wall and deletion of Boundary Wall where ROW is insufficient Additional New Box Culvert @ Km. 120+100 for pedestrian crossing of RE Wall Approach Utility Shifting of GSS at Km 108+150 Utility Shifting of PHED pipeline, Canal Syphon and Hand pump Conversion of Box culvert to Pipe Culvert at km 125+000 Change in Box Culvert size from 1 x 5 to 1x20 	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 to Authority (NHAI) for In-principal Approval vide letter no. SAPL/MP/2025-26/801 dated 29.09.2025</p>	-	<p><i>In-principle Approved by NHAI HQ vide letter NHAI/PIU/BPL/Budhni-Badi/Pkg-IV/COS/2026/29953 dated 17.03.2026</i></p>

Project Work Photos & Work Zone Safety

Annexure I

SHAHGANJ BADI HIGHWAYS PVT. LTD.

DBM Laying done



SHAHGANJ BADI HIGHWAYS PVT. LTD.
DBM Laying in progress



SHAHGANJ BADI HIGHWAYS PVT. LTD.

RE Panel Casting work in Progress at Km 107+500



Friction Slab Crash Barrier Casting work in Progress at Km 107+500



SHAHGANJ BADI HIGHWAYS PVT. LTD.

