



Monthly Progress Report –February 2024



**NATIONAL HIGHWAYS AUTHORITY OF INDIA**

**Name of the Project: -**

**“Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-752D in the state of MP on HAM Mode (Package-III)”**

**Independent Engineer:**

**M/S L.N. MALVIYA INFRA PROJECT PVT.LTD  
IN ASSOCIATION WITH M/S INFRATECH CIVIL SOLUTIONS CONSULTANT.**



**Concessionaire:-**



**M/S MKC Ujjain-Garoth Mahakaleshwar Highway Pvt. Ltd**

**MONTHLY PROGRESS REPORT**

**FEBRUARY-2024**

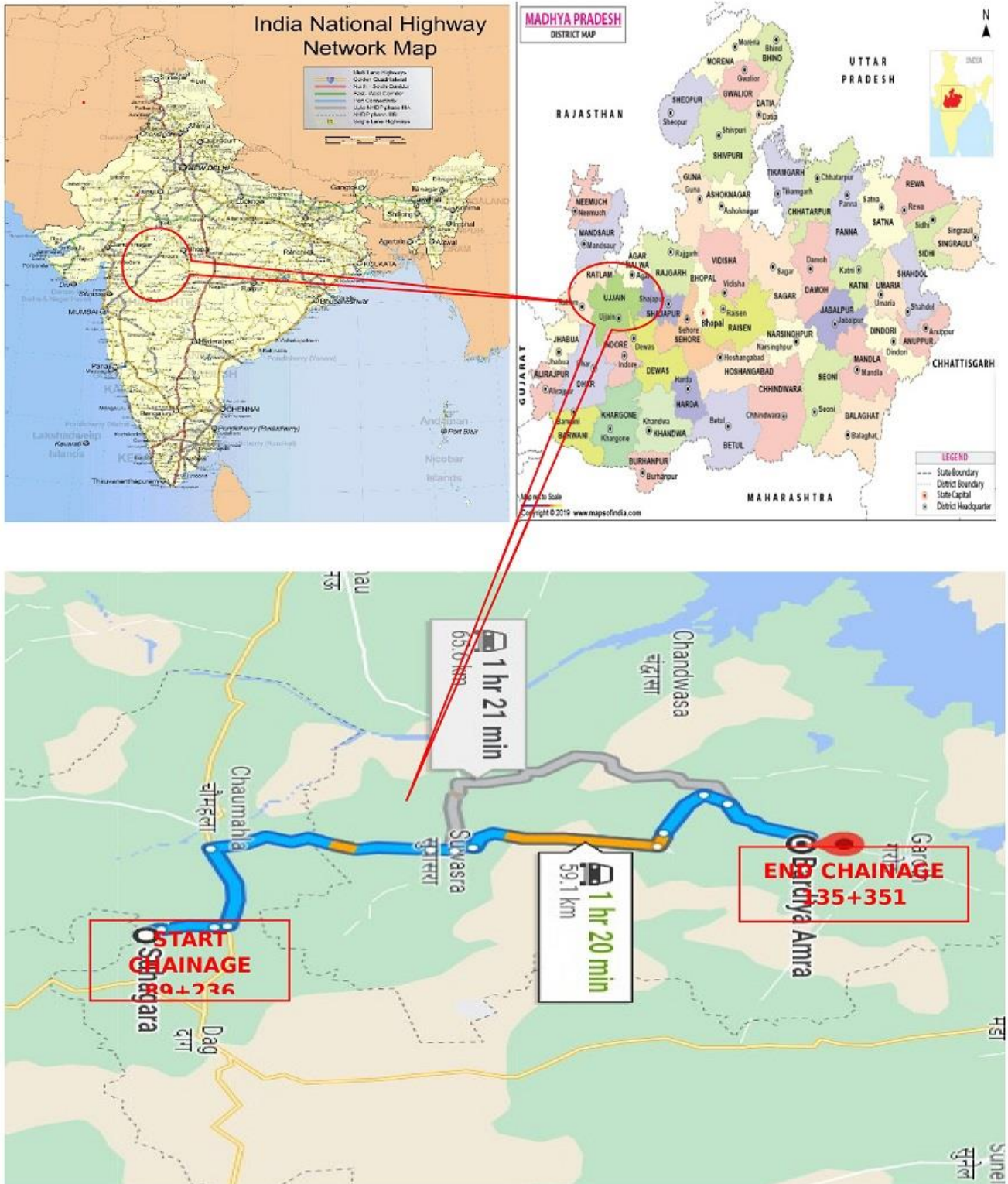
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## 1. SALIENT FEATURES OF THE PROJECT

SR NO	NAME	DESCRIPTION
1	Project Name	“Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135.351 section of NH-752D in the state of MP (LOA No. NHA/HQ/MP/Ujjain Garoth/Package-III) on HAM mode.
2	Length of the Project	46.115 Km
3	Bid Project Cost	598.00 Cr
4	Authority	NATIONAL HIGHWAY AUTHORITY OF INDIA
5	Independent Engineer	M/s L.N. Malviya Infra Projects Pvt. Ltd.
6	Concessionaire	M/S MKC Ujjain-Garoth Mahakaleshwar Highway Pvt. Ltd.
7	HAM	M/s. MKC Infrastructure Limited
8	Safety Consultant	Techmodec Consultants Pvt. Ltd
9	Appointed Date	17-10-2022
10	Construction Period	610 Days from Appointed Date.
11	Schedule Completion Date	18-06-2024
12	Maintenance Period	15 Years commencing from COD
13	IE Appointed Date	28.09.2022

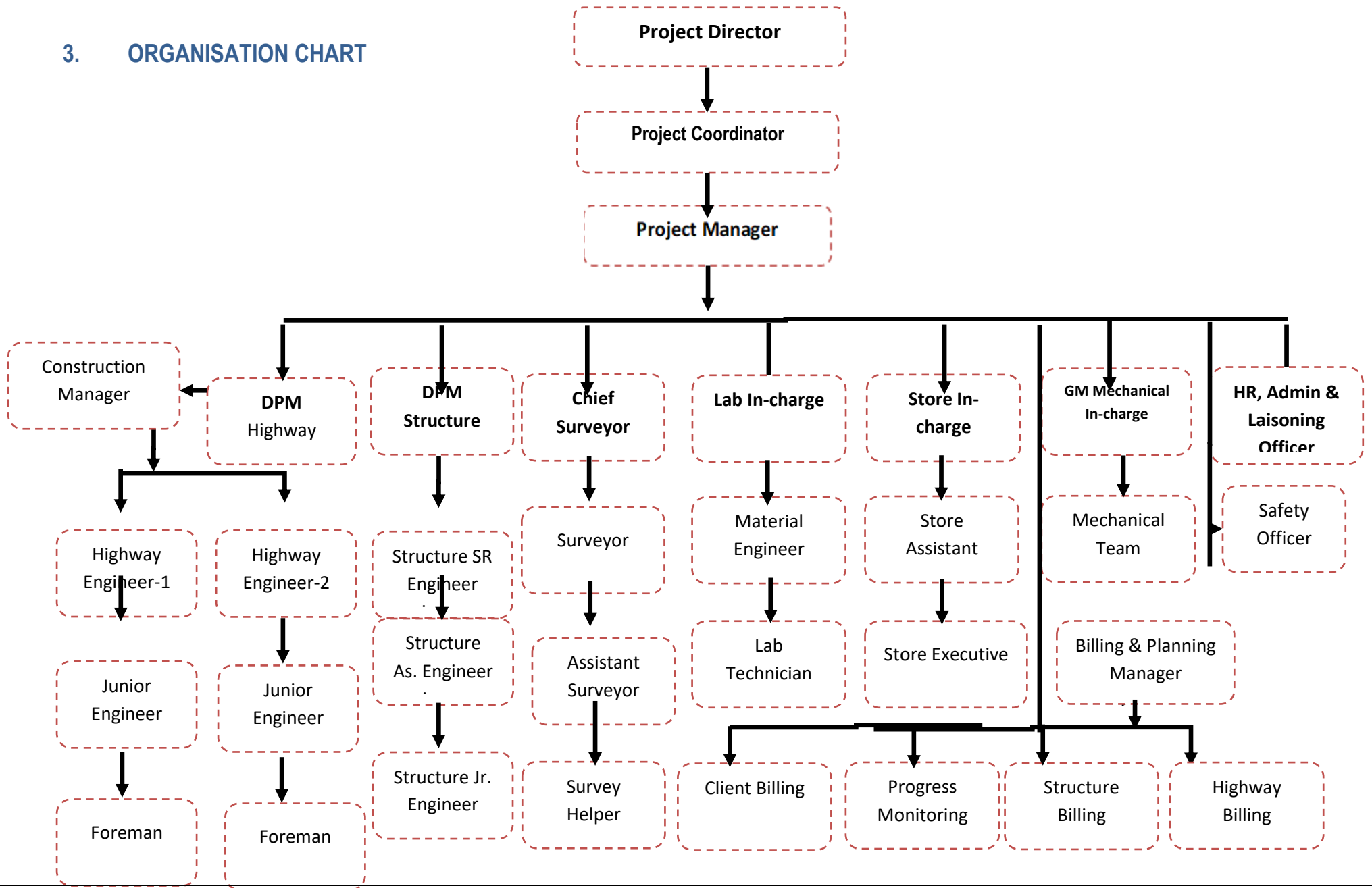
## 2. LOCATION PLAN



Location Map of the Project (Package- III)



### 3. ORGANISATION CHART



#### 4. CRITICAL ISSUES AND ACTION LOG

Pending Issues and action log								
Sl. No	Issue Description	Ongoing/ New Issue/ Resolved	Concerned Independent	Length affected (km)	Action(s) taken till now	Action(s) suggested by the IE	Expected date	Remarks (Letter and clause ref, if any)
1	Asset's payments		NHAI					Under Process
2	Balance Land Acquisition		NHAI	1.142				Under Process
3	EHT Line Shifting		NHAI					Under Process
4	Approval for Design and Drawings		NHAI					Under Process

Obligations of Independent Engineer				
Sl. No.	Clause no.	Obligation	Status	Remarks/Letter references
1	Article 4.1	Status of Condition Precedent		
2	Article 11	Shifting of Electrical Utilities	In Progress	
3	Article 21	Appointment of Independent's Engineer	Appointed	

Obligations of Concessionaire				
Sl. No.	Clause no.	Obligation	Status	Remarks/Letter references
1	Article 9	Performance Bank Guarantee	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/01 Dated-19-05-2022
2	Article 11	Shifting/Relocation of Electrical Utilities		
3	Article 26	Proposed Insurance Policies As per Article 20	Obtained	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/67 Dated-7-12-2022
4	Article 18.1.2	Appointment of Safety Consultant	Done	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/37 Dated-2-11-2022
5		Appointment of Design Director	Done	
6	Article 10	Applicable Permit	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
a)		Permission of state government for extraction of boulder from quarry	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
b)		Permission of village panchayats and pollution control board for installation of crushers	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
c)		License of use of explosives	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
d)		Permission of state government of drawing of water from river/reservoir	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
e)		License from inspector of factories or other competent Independent for setting up batching plant	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
f)		Clearance of pollution control board for setting up batching plant	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
g)		Permission of village panchayats and pollution control board for setting up asphalt plant	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
h)		Permission of village panchayats and state government for borrow earth.	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
i)		Labour License	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
7		Handover Memorandum	Obtained	



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8		Pavement Design Report	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/34 Dated-2-11-2022
9		Plan and Profile & Typical Cross Section	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/129 Dated-21-01-2023
10		Quality Assurance Plan & Manual	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/35 Dated-2-11-2022
11		Construction Methodology	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/41 Dated-4-11-2022



## 5. PROJECT COMPLETION SCHEDULE

SI No	Milestone	Days From Appointed Date (04-03-2022)	% Completion	Scheduled Date	Remarks
1	Milestone-I	133 <sup>rd</sup> Days	20%	27-02-2023	Achieved as per Milestone C.A .Dated 31-03-2023
2	Milestone-II	300 <sup>th</sup> Days	35%	13-08-2023	Achieved as per Milestone C.A .Dated 16-08-2023
3	Milestone-III	404 <sup>th</sup> Days	75%	25-11-2023	Achieved 22.02.2024 as per the availability of land after 122 days from AD
4	Schedule Completion	610 <sup>th</sup> Days	100%	18-06-2024	

## 6. PAYMENT DURING CONSTRUCTION

SI No	Payment milestone	On Achieved of Physical Progress	Remarks
1	I (First)	5 % of Physical Progress	Achieved on 31-01-2023
2	II (Second)	10 % of Physical Progress	Achieved on 31-01-2023
3	III (Third)	20 % of Physical Progress	Achieved on 21-04-2023
4	IV (Fourth)	30 % of Physical Progress	Achieved on 28-06-2023
5	V (Fifth)	40 % of Physical Progress	Achieved on 28-08-2023
6	VI (Sixth)	50% of Physical Progress	Achieved on 25.12.2023
7	VII (Seventh)	60 % of Physical Progress	Achieved on 16.02.2024
8	VIII (Eighth)	70 % of Physical Progress	
9	IX (Ninth)	80 % of Physical Progress	
10	X (Tenth)	90 % of Physical Progress	

## 7. MOBILISATION OF PLANT & MACHINERY

Plant & Machinery available at site As on 31-12-2023				
S.No.	Item Description	Unit	Quantity	Remarks
1	Excavator (20 Ton)	Nos.	25	
2	Tipper	Nos.	80	
3.	Wheel Loader	Nos.	04	
4.	Motor Grader	Nos.	17	
5	Crane /Hydra	Nos.	07	
6	Soil Compactor	Nos.	20	
7	Backhoe Loader	Nos.	05	
8	Mobile Crane	Nos.	01	
9	Transit Mixers	Nos.	18	
10	Water Tanker	Nos.	19	
11	Trailer	Nos.	02	
12	Weigh Bridge	Nos.	02	
13	Utility Vehicles	Nos.	05	
14	Crusher Plant	Nos.	06	
15	WMM Plant	Nos.	01	
16	Concrete Batching Plant (CP 30)	Nos.	02	
17	Broomer	Nos.	03	
18	Browser	Nos.	04	
19	Hot Mix Plant (In Pipeline)	Nos.	01	
20	DG Sets	Nos.	08	
21	Diesel Tanker	Nos.	02	
22	Bike	Nos.	23	
23	LMV	Nos.	12	
24	Compressor	Nos.	05	
25	Cement Silo 120 MT	Nos.	2	
26	Tractor Trolley	Nos.	7	
27	JCB	Nos.	05	
28	Dozer	Nos.	04	
<b>Total</b>			<b>316</b>	

## 8. MOBILISATION OF MANPOWER

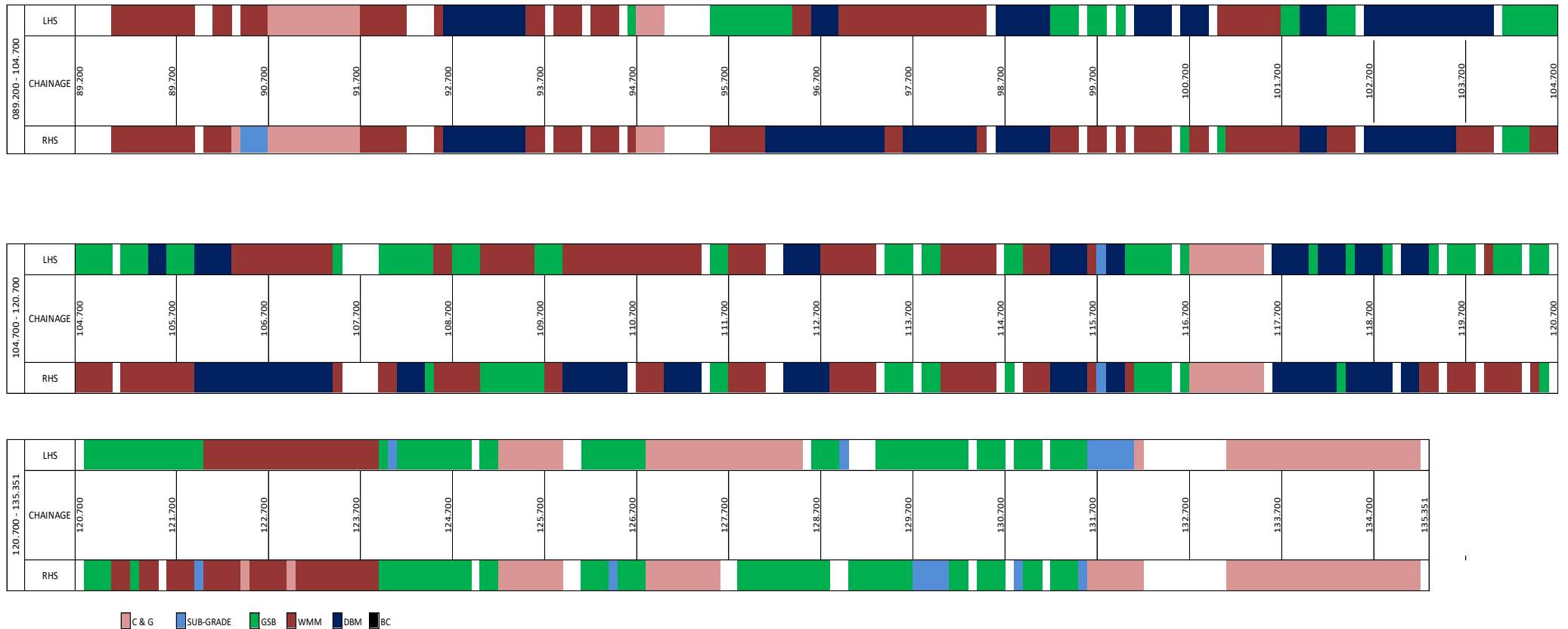
Sr. No.	Designation	Available at Site	Remarks
<b>Overall Responsibility of Projects</b>			
1	Mr. Manmohan Singh Yadav (Project Co-ordinator)	1	
2	Mr. Hardik Sukhadia (Project Manager)	1	
3	Mr. Vaibhav Kumar Chouksey	1	
<b>Highways</b>			
3	Mr. Virendra Yadav (Deputy Project Manager)	1	
4	Senior Engineer	4	
5	Engineer	8	
<b>Structure</b>			
6	Mr. Santanu Batyabal (Deputy Project Manager)	1	
7	Mr. Parmeshwar Singh (Manager)	1	
8	Senior Engineer	2	
9	Engineer	2	
10	Junior Engineer/GET/DET	0	
11	Supervisor	10	
<b>Planning &amp; Billing</b>			
12	Miss Nidhi Verma (Sr. Engineer)	1	
13	Engineer	4	
14	GET/Assistant	3	
<b>Quality Control</b>			
15	Mr. Anjani Kumar Tiwari (Manager)	1	
16	Engineer	2	
17	Jr. Engineer /Technician/ Lab. Technician	13	
<b>Survey</b>			
18	Mr. Deepak Dixit (Manager)	1	
19	Asst. Surveyor/Surveyor	8	
<b>IT</b>			
20	IT Officer	2	
<b>Safety</b>			
21	Engineer	1	
22	Supervisor	0	
<b>Finance &amp; Accounts</b>			
23	Mr. Naresh (Deputy Manager)	1	
24	Mr. Vikash Pandey (Sr. Executives)	0	
<b>HR &amp; Admin</b>			
25	Mr. Dharmendar (Manager Liasioning)	1	
26	Mr. Chetan Joshi (Liasioning)	1	
27	Officer	1	
28	Supervisor	1	

<b>Store &amp; Inventory</b>			
29	Mr. Lal Babu Giri (Manager)	1	
30	Executives/Jr. Executives	13	
<b>Plant &amp; Equipment</b>			
31	Mr. Krutibasa Sahoo (Manager)	1	
32	Senior Engineer	1	
33	Engineer	1	
34	Supervisor	3	
35	Foreman/Mechanic/Electrician/GET	10	
<b>Total</b>		<b>99</b>	



### 9. HIGHWAY STRIP CHART

**MKC UJJAIN GAROTH MAHAKALESHWAR**  
 SUHAGADA TO BARDIYA AMRA SECTION OF NH-752-D  
 PACKAGE- III (KM 89.200 - 135.351)



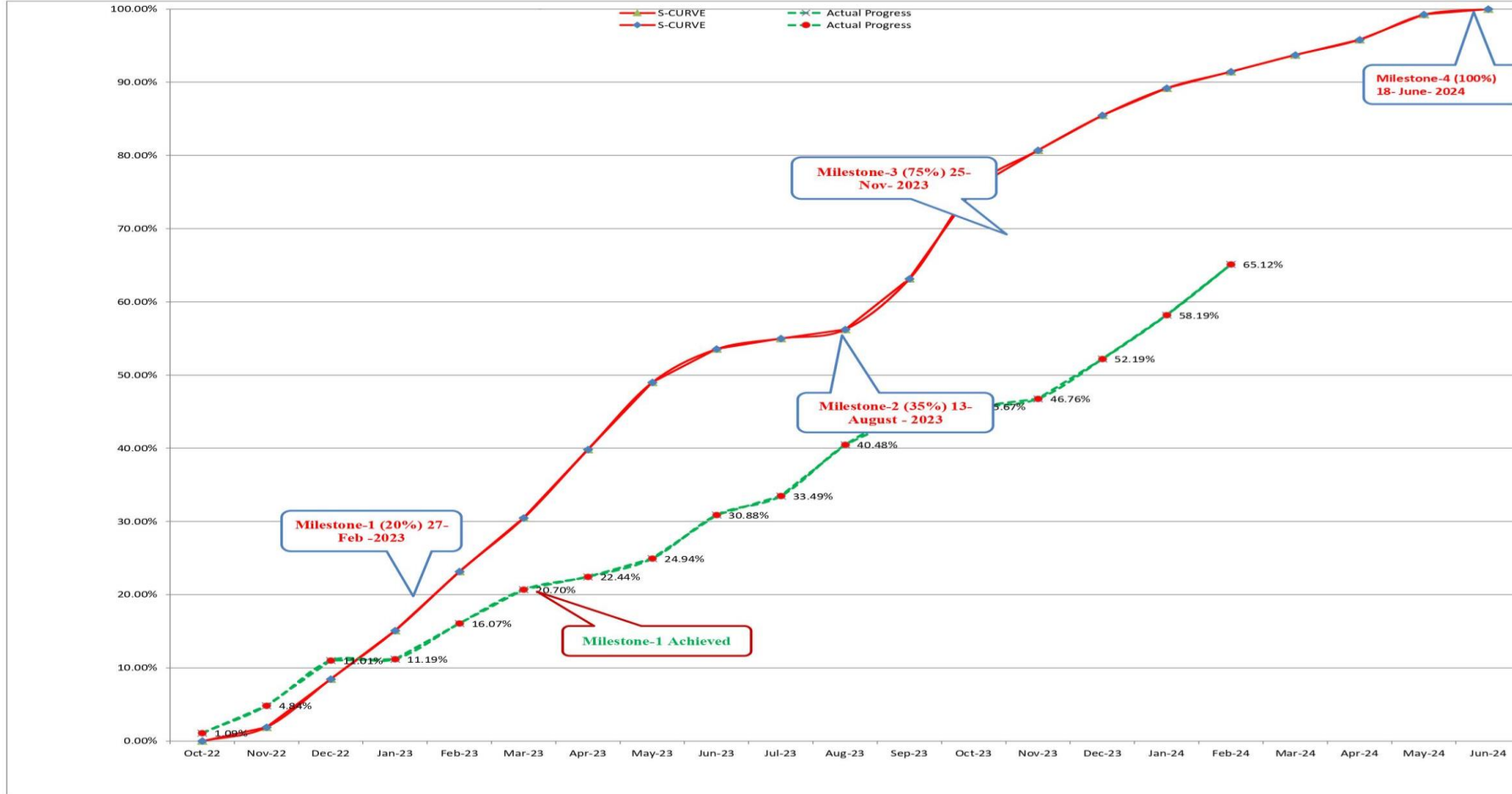


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### 10. S-Curve:-

Project:	Construction of Four Laning of Ujjain Garoth (Package III), Subagada to Bardiya Amra from Km 89+236 to Km 135.351 section of NH-752D in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode under																						
Authority:	NATIONAL HIGHWAYS AUTHORITY OF INDIA																						
Independent Engineer:	L.N. Mahiya Infra Projects Pvt. Ltd.																						
Concessionaire:	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt. Ltd.																						
EPC Contractor:	MKC Infrastructure Limited																						
Mile Stone-	1st Milestone-20 % (133 Days From Appointed Date)					2nd Milestone- 35% (300 Days From Appointed Date)					3rd Milestone-75% (404 Days)					Schedule Completion Date - 100% (610 Days From Appointed Date)					Schedule	Remarks	
Month-	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Completion	
Days-																							



Months	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Target For the Month	0.00%	1.89%	6.57%	6.63%	8.06%	7.33%	9.34%	9.17%	4.56%	1.45%	1.23%	6.92%	12.37%	5.18%	4.77%	3.73%	2.24%	2.29%	2.09%	3.43%	0.75%
Cumulative Target	0.00%	1.89%	8.46%	15.09%	23.15%	30.48%	39.82%	48.99%	53.55%	55.00%	56.23%	63.15%	75.52%	80.70%	85.47%	89.20%	91.44%	93.73%	95.82%	99.25%	100.00%
Progress For the Month	1.09%	3.75%	6.17%	0.18%	4.88%	4.63%	1.74%	2.50%	5.94%	2.61%	6.99%	4.21%	0.98%	1.09%	5.43%	6.00%	6.93%				
Cumulative Progress	1.09%	4.84%	11.01%	11.19%	16.07%	20.70%	22.44%	24.94%	30.88%	33.49%	40.48%	44.69%	45.67%	46.76%	52.19%	58.19%	65.12%				

### 11. STRUCTURE STRIP CHART

(A) BOX CULVERT																	
SI No	LHS							P&P Chainage	Chainage as per Schedule-B	Type of Structure	RHS						Remarks
	Parapet wall	U wall	Super Str	Sub Str	Foundati	PCC	Excavati				Excavati	PCC	Foundati	Sub Str	Super	U wall	
1								89+375	89+374	BC							
2								90+710	90+970	BC							
3								91+547	91+554	BC							
4								92+330	92+340	BC							
5								93+081	93+081	BC							
6								93+395	93+395	BC							
7								94+400	94+400	BC							
8								94+930	94+930	BC							
9								95+200	94+008	BC							
10								96+250	96+242	BC							
11								96+626	96+634	BC							
12								97+460	97+400	BC							
13								97+558	97+537	BC							
14								99+900	99+500	BC							
15								100+100	100+158	BC							
16								100+750	100+750	BC							
17								101+750	101+750	BC							
18								101+893	101+890	BC							
19								102+600	102+400	BC							
20								103+274	103+300	BC							
21								103+610	103+610	BC							
22								104+050	104+050	BC							
23								104+414	104+400	BC							
24								105+580	105+580	BC							
25								105+936	105+950	BC							
26								106+350	106+350	BC							
27								106+667	106+661	BC							
28								107+090	107+863	BC							
29								107+161	107+145	BC							
30								108+763	108+747	BC							
31								109+560	109+554	BC							
32								109+725	109+670	BC							
33								110+008	110+010	BC							
34								110+448	110+450	BC							
35								111+098	111+100	BC							
36								111+745	111+635	BC							
37								111+931	111+931	BC							
38								112+000	112+116	BC							
39								112+300	113+050	BC							
40								112+600	112+600	BC							
41								113+360	113+880	BC							
42								113+600	113+582	BC							

43							114+041	114+035	BC										
44							114+480	114+300	BC										
45							115+125	115+125	BC										
46							115+250	115+440	BC										
47							115+800	115+733	BC										
48							116+530	116+400	BC										
49							116+750	116+873	BC										
50							117+240	117+150	BC										
51							117+918	117+910	BC										
52							118+455	118+200	BC										
53							118+490	118+478	BC										
54							118+822	118+800	BC										
55							119+000	119+050	BC										
56							119+506	119+550	BC										
57							120+159	120+159	BC										
58							120+400	120+400	BC										
59							120+560	120+225	BC										
60							121+017	120+995	BC										
61							121+230	121+151	BC										
62							121+311	121+313	BC										
63							122+007	121+975	BC										
64							122+350	122+350	BC										
65							122+500	122+650	BC										
66							123+420	123+426	BC										
67							123+733	123+710	BC										
68							123+950	123+200	BC										
69							124+085	124+300	BC										
70							124+777	124+700	BC										
71							125+550	125+350	BC										
72							125+870	125+120	BC										
73							126+170	126+163	BC										
74							126+388	126+380	BC										
75							126+561	126+550	BC										
76							127+944	127+925	BC										
77							128+257	128+243	BC										
78							128+652	128+640	BC										
79							128+950	128+950	BC										
80							129+712	129+702	BC										
81							130+400	130+400	BC										
82							131+200	131+190	BC										
83							131+343	131+332	BC										
84							131+830	131+813	BC										
85							132+107	132+100	BC										
86							132+410	132+400	BC										
87							132+720	126+817	BC										
88							132+880	132+750	BC										
89							133+125	133+112	BC										
90							133+363	133+360	BC										
91							133+722	133+712	BC										



92								133+902	133+885	BC							
93								134+400	134+400	BC							
94								135+180	89+938	BC							
95								135+280	Not in C.A	BC							

**(B) Minor Bridge**

SI No	LHS							P&P Chainage	Chainage as per Schedule-B	Span Arrangement	Type of Structure	RHS					
	Misc work	Return/Retaining	Super Str	Sub Str	Foundation	PCC	Excavation					Excavation	PCC	Foundation	Sub Str	Super Str	Return/Retaining
1.								90+028	90+028	1x30	MNB						
2.								93+784	93+784	1x20	MNB						
3.								94+250	94+250	2x20	MNB						
4.								94+605	94+605	1x30	MNB						
5.								98+600	98+600	1x20	MNB						
6.								99+345	99+345	1x10	MNB						
7.								99+592	99+592	2x20	MNB						
8.								100+600	100+600	2x20	MNB						
9.								101+000	101+000	2x20	MNB						
10.								104+086	104+086	2x20	MNB						
11.								104+251	104+251	1x20	MNB						
12.								105+097	105+097	1x30	MNB						
13.								107+929	107+929	1x10	MNB						
14.								108+513	108+513	1x10	MNB						
15.								110+659	110+659	1x10	MNB						
16.								111+554	111+554	1x30	MNB						
17.								113+409	113+409	2x20	MNB						
18.								114+730	114+730	1x20	MNB						
19.								116+157	116+157	1x20	MNB						
20.								116+594	116+594	1x20	MNB						
21.								118+073	118+073	1x10	MNB						
22.								118+320	118+320	1x10	MNB						
23.								119+346	119+346	1x10	MNB						
24.								119+734	119+734	1x10	MNB						
25.								120+681	120+681	1x25	MNB						
26.								121+620	121+620	1x20	MNB						
27.								123+020	123+020	1x20	MNB						
28.								125+304	125+304	1x10	MNB						
29.								125+446	125+446	1x10	MNB						
30.								130+147	130+147	1x10	MNB						
31.								131+662	131+662	1x10	MNB						
32.								132+284	132+284	1x10	MNB						



(C) LVUP																
SI No.	Misc work	LHS					P&P Chainage	Chainage as per Schedule-B	Type of Structure	RHS						
		Return/Retaining wall	Super Str	Sub Str	Foundation	PCC				Excavation	Excavation	PCC	Foundation	Sub Str	Super Str	Return/Retaining wall
1							104+853	104+853	LVUP							
2							114+916	114+916	LVUP							
3							127+512	127+512	LVUP							

(D) SVUP																
SI No.	Misc work	LHS					P&P Chainage	Chainage as per Schedule-B	Type of Structure	RHS						
		Return/Retaining wall	Super Str	Sub Str	Foundation	PCC				Excavation	Excavation	PCC	Foundation	Sub Str	Super Str	Return/Retaining wall
1							110+841	110+841	SVUP							
2							119+903	119+903	SVUP							
3							126+828	126+828	SVUP							

(E) VUP																
SI No.	Misc work	LHS					P&P Chainage	Chainage as per Schedule-B	Type of Structure	RHS						
		Return/Retaining wall	Super Str	Sub Str	Foundation	PCC				Excavation	Excavation	PCC	Foundation	Sub Str	Super Str	Return/Retaining wall
1							095+062	095+062	VUP							
2							134+117	134+117	VUP							

(F) Major Bridge																
SI No.	Misc work	LHS					P&P Chainage	Chainage as per Schedule-B	Type of Structure	RHS					Misc work	
		Return/Retaining wall	Super Str	Sub Str	Foundation	PCC				Excavation	Excavation	PCC	Foundation	Sub Str		Super Str
1							113+818	113+818	MJB							
2							130+798	130+798	MJB							

## 12. PROGRESS REPORT

- HIGHWAYS:-**

SI No	Description	Total (Km)	Completed (Km)	Balance (Km)	% Of Completion
1	Sub-grade	88.902	79.384	9.518	89.29%
2	GSB	88.362	73.866	14.496	83.59%
3	WMM 1st Layer with Geogrid	88.362	69.08	19.282	78.18%
4	AI (WMM)	88.362	64.13	24.232	72.58%
5	DBM	88.362	56.18	32.182	63.58%
6	BC	88.362	0	88.362	0.00%

- STRUCTURE:-**

SI No	Description	Total (Nos)	Completed (Nos)	In Progress (Nos)	Balance (Nos)
1	Box Culvert	186	174	8	4
2	MNB	32	30	2	0
3	MJB	2	1	1	0
4	SVUP	3	2	1	0
5	LVUP	3	2	1	0
6	VUP	2	2	0	0

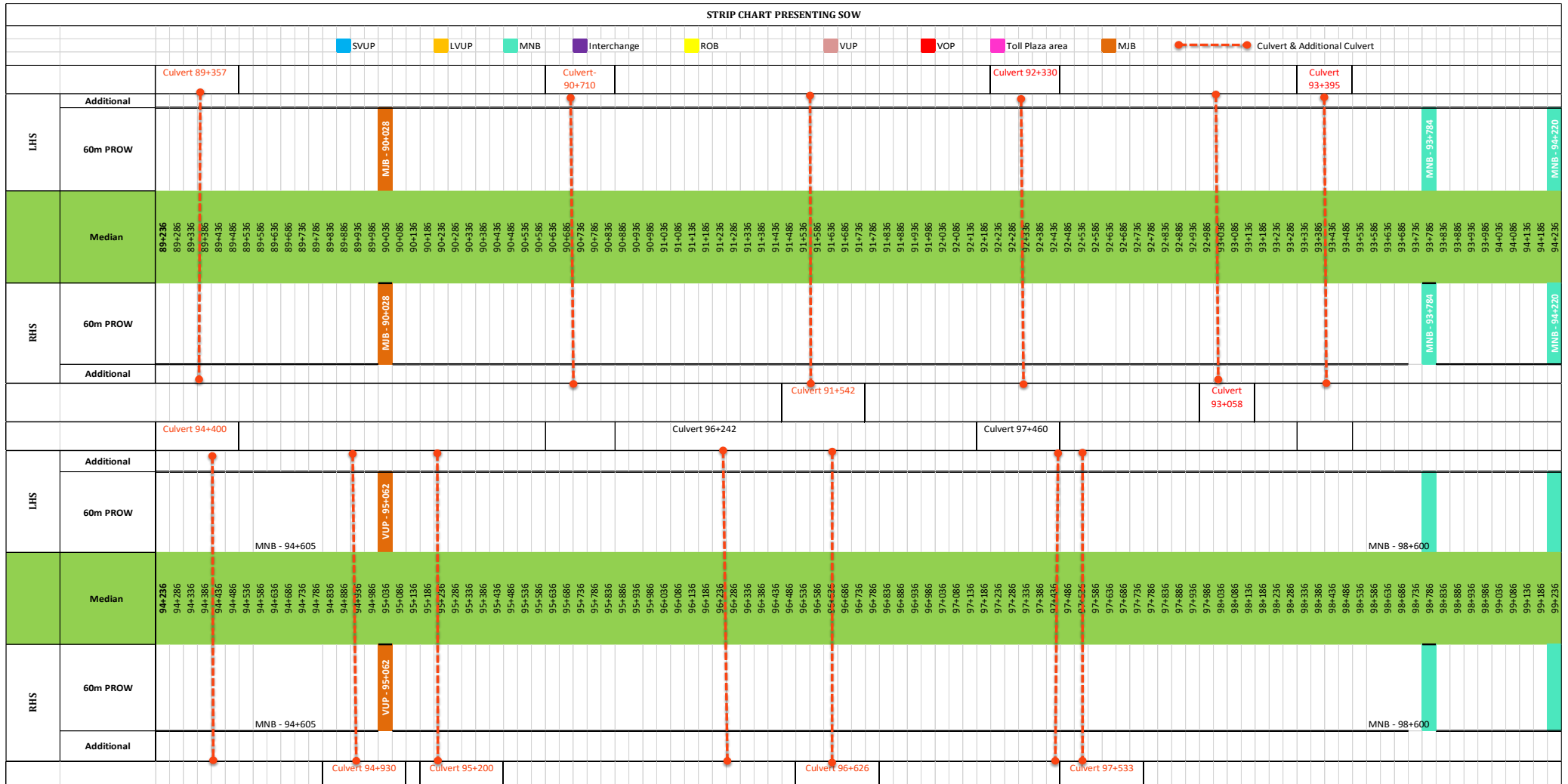
- CONSTRUCTION PROGRESS IN CURRENT MONTH:-**

SI No	Description	Up to previous month as per Schedule	Up to previous month Achieved	This month as per Schedule	This month Achieved	Cumulative as per Schedule	Cumulative Achieved
1	Physical Progress	89.19%	58.20%	2.24%	6.93%	91.43%	65.13%
2	Expenditure (In Cr)	533.35	348.04	13.42	41.41	546.77	389.45

- Current Issues & recommended action by IE: -**

- Issues: -**

• Detailed Strip Plan:-









		Culvert 129+712										Culvert 131+200										Culvert 131+830										Culvert 133+125										Culvert 133+284									
LHS	Additional																																																		
	60m PROW																																																		
Median	129+236																																																		
	129+286																																																		
RHS	60m PROW																																																		
	Additional																																																		
		Culvert 130+400										Culvert 131+343										Culvert 132+										Culvert 133+																			
		Culvert 135+180										Culvert 135+280																																							
LHS	Additional																																																		
	60m PROW																																																		
Median	134+236																																																		
	134+286																																																		
RHS	60m PROW																																																		
	Additional																																																		



### 13. LAND ACQUISITION AND CLEARANCE

Description	Land (Km)	Remark
Total Land Required	46.115	
Available Land Till 29.02.2024 (LHS)	44.973	
Available Land Till 29.02.2024 (RHS)	44.973	
Unavailable Land Till 29.02.2024 (LHS)	1.142	
Unavailable Land Till 29.02.2024 (RHS)	1.142	

Si. No.	Chainage		Effected Length (M)	Remark
	From	To		
1	101+150	101+200	50	Arbitration due to well
2	109+000	109+650	650	Approval pending NHAI UJJAIN
3	121+200	121+400	200	Approval pending NHAI UJJAIN
4	122+170	122+190	20	Approval pending NHAI UJJAIN
5	122+200	122+230	30	SDM Garoth
6	126+828	126+850	22	SDM Garoth
7	127+000	127+010	10	SDM Garoth
8	128+620	128+680	60	SDM Garoth
9	132+300	132+350	50	Approval pending NHAI UJJAIN
10	133+500	133+550	50	SDM Garoth
	<b>Total Length</b>		<b>1142</b>	

## 14. PHYSICAL PROGRESS

PHYSICAL PROGRESS AS ON 29.02.2024						
Item Description	Unit	Scope of Work		Work done (Physical Progress)		Remarks
		Quantity	%	Quantity	%	
(1) Earthwork up to top of the sub-grade	L-Km	88.902	15.680%	79.384	14.00%	
(2) Granular work (sub-base, base, shoulders)				0		
(a) CTSB/GSB	L-Km	88.362	5.700%	73.866	4.76%	
(b-1) WMM 1st Layer with Triaxial Geogrid Reinforced Material	L-Km	88.362	4.000%	69.08	3.13%	
(b-2) WMM Top Layer	L-Km	88.362	2.200%	64.13	1.60%	
(3) Shoulders	L-Km	88.362	0.060%	57.92	0.04%	
(4) Bituminous work				0		
(a) DBM	L-Km	88.362	6.390%	56.18	4.06%	
(b) BC	L-Km	88.362	4.540%	0	0.00%	
<b>C- New culverts, minor bridges, underpasses, over passes on existing road, realignments, bypasses:</b>						
(1) Culverts	No.	190.00	7.810%	174	7.15%	
<b>(2) Minor bridges</b>						
(a) Foundation	No.	32.00	5.52%	31	5.35%	
(b) Sub-structure	No.	32.00	4.80%	31	4.65%	
(c) Super-structure (including crash barriers etc. complete)	No.	32.00	4.81%	30	4.51%	
<b>(5) Grade separated structures (a) Underpasses</b>						
(i) Foundation	No.	8.00	0.050%	7	0.04%	
(ii) Sub-structure	No.	8.00	1.740%	6.5	1.41%	
(iii) Super-structure (including crash barriers etc. Complete)	No.	8.00	0.170%	6.5	0.14%	
<b>C- New Major Bridges</b>						
(1) Foundation	No.	2.00	1.510%	1.5	1.13%	
(2) Sub-structure	No.	2.00	0.420%	1	0.21%	
(3) Super-structure (including crash barriers etc. complete)						
(i) Super Structure - Box	No.					
(ii) Casting of Girders (40%)	No.	2.00	0.576%	1	0.29%	
(iii) Girder Erection & Deck Slab (60%)	No.	2.00	0.864%	1	0.43%	
<b>D - New rail-road bridges (a) ROB</b>						
(1) Foundation	No.	1.00	0.570%	1	0.57%	
(2) Sub-structure	No.	1.00	0.330%	0.2	0.07%	
(3) Super-structure (including crash barriers etc. complete)		1.00				
(i) Casting of Pre-Cast Girder (40%)	No.	1.00	0.590%	1	0.59%	

(ii) Remaining work of Super Structure including crash barriers etc. (60%)	No.	1.00	0.880%	0	0.00%	
<b>(4) Reinforced Earth Wall (Includes Approaches of ROB, Underpasses, Overpasses, Flyover etc.)</b>						
(i) Casting of RE Wall RCC Blocks (5%)	Sqm.	19,877.00	0.173%	18,977.50	0.17%	
(ii) Complition of RE Wall Erection (including RCC crash barriers with Friction Slab etc.complete	Sqm.	19,877.00	3.290%	4507.6411	0.75%	
<b>Other Works</b>						
(i) Service roads/ Slip Roads	km	2,708.00	0.850%	0	0.00%	
<b>(ii) (a) Main Toll Plaza</b>						
a. Complition of PQC (30%)	No.	1.00	0.465%	1	0.47%	
b. Complition of Building Works (30%)	No.	1.00	0.465%	0.6	0.28%	
c. Complition of all finishing works inclding building and toll Plaza & Fixing of equipments (40%)	No.	1.00	0.620%	0		
<b>(ii) (b) Toll Plaza on Entry &amp; Exit Ramp</b>						
a. Compilation of PQC (30%)	No.	4.00	0.882%	2	0.44%	
b. Compilation of Building Works (30%)	No.	4.00	0.882%	0	0.00%	
c. Compilation of all finishing works inclding building and toll Plaza & Fixing of equipments (40%)	No.	4.00	1.176%	0	0.00%	
(iii) Road Side Drain (Unlined)	km	88.90	0.340%	0	0.00%	
<b>(iv) Road signs, marking, Km stones, Safety Devices</b>						
(iv) (a) Road signs, marking, Km stones etc.	km	88.90	1.940%	0	0.00%	
(iv) (b) Concrete Crash Barrier/ W-Beam Crash Barrier in Road work	km	151.50	9.490%	77.82	4.87%	
(iv) (c) Steel Railing	km	5.57	0.080%	4.46	0.06%	
<b>(v) Project Facilities</b>						
(v) (a) Bus Shelter	No.	4.00	0.020%	0	0.00%	
(v) (c) Truck Lay Bye cum Rest area	No.	1.00	0.920%	0	0.00%	
(v) (d) Electrification (Highway Lighting including lighting provisions at MCW, Slip Road, Service Road, Bus Bays, Truck Lay Byes, Junctions etc. as per Schedule-B, C & D. Nos. shall be finalized after finalization of lighting Plan & Design)	km	46.10	0.510%	0	0.00%	
(v) (e) Toilet Block	No.	22.00	0.210%	14	0.13%	
(vii) Road side/Median plantation	No.	36,880.00	0.840%	1000	0.02%	
<b>(vii) Protection Works</b>						
(viii) (a) Boulder Pitching on slopes	km	0.83	0.150%	0	0.00%	
(viii) (b) Toe Wall/Retaining wall/Boundary Wall	km	2.60	0.110%	0	0.00%	
(viii) (c) River Training Work	km	0.83	0.160%	0	0.00%	
<b>(x) Miscellaneous Works</b>						
(x) (c) Connecting Road	km	3.30	0.430%		0.00%	

(x) (d) Tree Cutting	km	88.90	0.020%	88.902	0.02%	
(x) (e) (a) Major Junction	No.	2.00	0.220%		0.00%	
(x) (e) (b) Minor Junction	No.	16.00	0.180%		0.00%	
(x) (f) Rain Water Harvesting System	No.	92.00	0.210%	25	0.06%	
(x) (h) ATMS	km	46.10	2.020%		0.00%	
(x) (i) Pathway	km	4.50	0.270%		0.00%	
(x) (j) Utility Shifting	km	46.10	3.867%	44.364	3.72%	
<b>Upto date Physical Progress=</b>					<b>65.1%</b>	<b>389.45</b>
<b>Since Previous Progress=</b>					<b>58.2%</b>	<b>348.04</b>
<b>This Month Progress=</b>					<b>6.93%</b>	<b>41.41</b>

## 15. CORRESPONDENCE

### • Details of Incoming Letters - IE

S. No	Letter No.	Date	Subject
1.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1077/U-G-3	02.02.2024	1077. Regarding - SOP for Daily construction Audits (RFI) - Reminder-1
2.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1078/U-G-3	02.02.2024	1078.Regarding Approval of Borrow Area No.-31 A.
3.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1079/U-G-3	02.02.2024	1079.Regarding Approval of Bituminous Concrete Mix Design Grade-II with Ooms Bitumen PMB 70-10.
4.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1080/U-G-3	02.02.2024	1080.Regarding Submission of System Design Document of Advance Traffic Management System (ATMS) & Toll Management System (ATMS).
5.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1081/U-G-3	02.02.2024	1081.Regarding Materials of toilet block, MCW toll building, ramp toll plaza building.
6.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1082/U-G-3	02.02.2024	1082. Reg. Relocation of Gantry
7.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1085/U-G-3	03.02.2024	1085.Regarding Slow Progress.
8.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1088/U-G-3	03.02.2024	1088.Regarding joint monthly Site Inspection Report for the month of January 2024.
9.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1096/U-G-3	08.02.2024	1096.Regarding-Data Requirement for Road Safety Consultant.
10.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1097/U-G-3	08.02.2024	1097.Regarding - गरोठ - उज्जैन (४ लेन) निर्माण में अर्जित की गई भूमि के सम्बन्ध में।
11.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1098/U-G-3	08.02.2024	1098.Regarding - मुआवजा राशि उपलब्ध करने के सम्बन्ध में।_compressed
12.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1099/U-G-3	08.02.2024	1099.Regarding - मुआवजा राशि उपलब्ध करने के सम्बन्ध में।
13.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1101/U-G-3	08.02.2024	1101.Reg. Details of Aggregate Qty.
14.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1103/U-G-3	08.02.2024	1103.Regardind COS for Toll Plaza
15.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1104/U-G-3	08.02.2024	1104.Regarding Submission of Revised Work Program.
16.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1105/U-G-3	08.02.2024	1105.Reg. उज्जैन-गरोठ फोरलेन की कनेक्टिविटी ग्राम ढाबला गुर्जर से देने के सम्बन्ध में।
17.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1106/U-G-3	08.02.2024	1106.Reg. सुवासरा गुराडिया कलां मार्ग के कि. मी. 6 में गरोठ उज्जैन 4 लेन क्रॉसिंग के सम्बन्ध में।
18.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1113/U-G-3	14.02.2024	1113 मुवावजा राशी उपलब्ध कराने के संबंध में.
19.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1114/U-G	14.02.2024	1114.Regarding which is beyond the concessionaire's scope as per Schedule-B of the concession agreement-major bridge at km.89+236
20.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1116/U-G-3	14.02.2024	1116.Regarding गरोठ – उज्जैन (4 लेन) निर्माण में अर्जित की गई भूमि के संबंध में.
21.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1117/U-G-3	14.02.2024	1117.Regarding Proposal for In-Principle approval of Change of Scope for Ujjain-Garoth (Package-III).
22.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1130/U-G	19.02.2024	1130. Reg. Royalty details
23.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1131/U-G	20.02.2024	1131. Reg. Leave Application of Team Leader
24.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1133/U-G	20.02.2024	1133. Reg. COS for Toll Plaza
25.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1134/U-G-3	21.02.2024	1134. Reg. Construction of MNB at ch. 100+750 (1)



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26.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1139/U-G-3	22.02.2024	1139. Regarding Monthly Joint Site Inspection for the Month of February 2023 as per Clause 13.2 Article 13 of the Concession Agreement (2)
27.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1140/U-G	22.02.2024	1140. Reg. Additional land required for Ramp Toll Plaza at ch. 109+670 (1)
28.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1142/U-G-3	22.02.2024	1142. Reg. Permanent Electric connection (1)
29.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1143/U-G-3	23.02.2024	1143. Reg. Shifting of EHT line at ch. 91+700
30.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1144/U-G-3	23.02.2024	1144. Reg. Shifting of EHT line at ch. 127+750 (1)
31.	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1157/U-G-3	02.03.2024	1157.Regarding - गरौठ - उज्जैन फोरलेन रोड में प्रधानमंत्री ग्राम सड़क योजना अंतर्गत निर्मित मार्गों पर अंडरपास के संबंध में

• **Details of Incoming Letters – NHA**

S. No	Letter No.	Date	Subject
149	NHAU/PIU/UJJN/RSA/Datalake/2024/215	05.02.2024	Letter No_215 Road Safety Audit Compliances on Datalake Portal - reg
150	NHAI/PIU/Ujjain/UG Pkg 3/LA/2024/223	06.02.2024	Letter No_223 खेतों का रास्ता बंद होने के संबंध में।
151	NHAI/PIU/Ujjain/UG Pkg 3/LA/2024/224	06.02.2024	Letter No_224 खेतों का रास्ता बंद होने के संबंध में।
152	NHAI/PIU/Ujjain/UG Pkg 3/LA/2024/226	06.02.2024	Letter No_226 गरौठ उज्जैन फोरलेन की कनेक्टिविटी ग्राम ढाबला गुर्जर से देने के संबंध में।
153	NHAI/PIU/Ujjain/UG Pkg 3/LA/2024/227	06.02.2024	Letter No_227 खेतों का रास्ता बंद होने के संबंध में।
154	NHAI/PIU/UJJAIN/RSA/2024/249	07.02.2024	Letter No_249 Data requirement for Ujjain Garoth PackageJII-reg.
155	NHAI/PIU/UJJAIN/UG-III/MKC/Gen./2024/258	07.02.2024	Letter No_258 Slow Progress Notice - Reg.
156	NHAI/PIU/UJJAIN/UG -PKG 3/COS/2024/273	07.02.2024	Letter No_273 Clarification & .Conrirtution of scope of work and intimation- regarding the cos proposar for the work, which is bevond thE concessionaire's scope as per schedure.B of the concession .gr;;i rii;ii irial.-L.
157	NHAI/PIU/Ujjain/UG Pkg 3/BG/2023/227	15.02.2024	Letter No_295 Release of Bamk Guarantees - Reg.
158	NHAI/PIU/UJJAIN/2024/323	21.02.2024	Letter No_323 मुआवजा वितरण किए जाने के संबंध में।
159	NHAI/PIU/UJJAIN/2024/324	21.02.2024	Letter No_324 मुआवजा वितरण किए जाने के संबंध में।
160	NHAI/PIU/UJJAIN/PKG-III/2024/326	21.02.2024	Letter No_326 Regarding Permanent Electrical Connection.
161	NHAI/PIU/UJJAIN/UG-III/WRD/2024/332	22.02.2024	Letter No_332 Repair of DamageBroken pipeline laid under NHAI ROW & reimbursement against damage of 4-lane highway due to leakage from pipeline - Reg.
162	NHAI/PIU/UJJAIN/2024/336	22.02.2024	Letter No_336 सुवासरा रूणीजा सडक पर कनेक्टिविटी देने वाबद।
163	NHAI/PIU/UJJAIN/CALA-SITAMAU/2024/337	22.02.2024	Letter No_337 अतिरिक्त ३ए अनुमोदन किये जाने के संबंध में।
164	NHAI/PIU/UJJAIN/UG-III/Gen/2024/345	22.02.2024	Letter No_345 Provide Electrical Connection for Ujjain Garoth Pkg-III - Reg.
165	NHAI/PIU/UJJAIN/UG-III/Gen/2024/345	22.02.2024	Letter No_345 Deposition of Royalty to the State Govt. _Reg0
166	NHAI/PIU/UJJAIN/UG-III/Gen/2024/366	27.02.2024	Letter No_366 3A नाटिफिकेशन अनुमोदन किए जाने के संबंध में।
167	NHAI/PIU/UG-III/2024/370	27.02.2024	Letter No_370 Regarding Deposition of Amount of Rs. 55,99,753- towards the shifting of pipeline.

168	NHAI/PIU/UJJAIN/UG-PKG-3/2024/372	27.02.2024	Letter No_372 Regarding Hindrance at ROB Location.
169	NHAI/PIU/UJJAIN/UG-PKG-3/2024/377	27.02.2024	Letter No_377 गरोठ-उज्जैन फोरलेन रोड की कनेक्टिविटी मकडावन ग्राम से करवाने के संबंध में।

• **Details of Outgoing Letters**

S. No	Letter No.	Date	Description
1.	MKC UGMH Pvt.Ltd./2024-25/561	04.02.2024	Clarification on Design & Drawing for MNB at Ch. 125+281
2.	MKC UGMH Pvt.Ltd./2024-25/562	04.02.2024	Submission of Drone Videography Month of January - 2024.
3.	MKC UGMH Pvt.Ltd./2024-25/563	05.02.2024	Submission of 2nd Part Payment Certificate of 7th Payment Milestone.
4.	MKC UGMH Pvt.Ltd./2024-25/564	06.02.2024	Closure of NCR No.22- Regarding at Chainage 125+281 MNB.
5.	MKC UGMH Pvt.Ltd./2024-25/565	06.02.2024	Closure of NCR no. 23 WMM Top work @ Ch. 93+000 to 93+100 (RHS).
6.	MKC UGMH Pvt.Ltd./2024-25/566	07.02.2024	Submission of Monthly Progress Report.
7.	MKC UGMH Pvt.Ltd./2024-25/570	10.02.2024	गरोठ – उज्जैन (4 लेन) निर्माण में अर्जित की गई भूमि के संबंध में.
8.	MKC UGMH Pvt.Ltd./2024-25/571	10.02.2024	खेतों का रास्ता बंद होने के संबंध में.
9.	MKC UGMH Pvt.Ltd./2024-25/573	10.02.2024	मुवावजा राशी उपलब्ध कराने के संबंध में.
10.	MKC UGMH Pvt.Ltd./2024-25/577	13.02.2024	Submission of Material Testing for Third-Party Laboratory.
11.	MKC UGMH Pvt.Ltd./2024-25/578	13.02.2024	Submission of Positive Change of Scope Proposal at Ch. 109+670 for in Principal Approval.
12.	MKC UGMH Pvt.Ltd./2024-25/579	13.02.2024	गरोठ – उज्जैन फोरलेन रूनिजा- घसोई रोड पर रैप टोल हेतु.
13.	MKC UGMH Pvt.Ltd./2024-25/581	19.02.2024	Regd. Relocation of the Cantilever Gantry Under MCW (Reminder - 1)
14.	MKC UGMH Pvt.Ltd./2024-25/580	19.02.2024	7TH MPC
15.	MKC UGMH Pvt.Ltd./2024-25/581	19.02.2024	Regd. Relocation of the Cantilever Gantry Under MCW (Reminder - 1)
16.	MKC UGMH Pvt.Ltd./2024-25/582	20.02.2024	Submission of Negative Change of Scope Proposals for Ramp Toll Plaza at Ch. 134+119.
17.	MKC UGMH Pvt.Ltd./2024-25/583	22.02.2024	Regarding Achievement of Project Milestone -III.
18.	MKC UGMH Pvt.Ltd./2024-25/584	22.02.2024	Additional Land required for Proposed Ramp Toll Plaza at Ch. 109+670.
19.	MKC UGMH Pvt.Ltd./2024-25/585	22.02.2024	Regarding Submission of Additional Cost for ATMS under COS as per NHAI Policy Guidelines 2023.
20.	MKC UGMH Pvt.Ltd./2023-24/586	22.02.2024	Submission of Revised Work Plan.
21.	MKC UGMH Pvt.Ltd./2023-24/587	22.02.2024	Submission of Positive Change of Scope Proposals for additional 2 Nos Ramp Toll Plaza at Ch. 95+058.
22.	MKC UGMH Pvt.Ltd./2023-24/588	23.02.2024	Regd. Submission of Positive Change of Scope Proposals for 04 Nos Services/ Slip Road Ch. 123+710.
23.	MKC UGMH Pvt.Ltd./2023-24/589	23.02.2024	Royalty to the State Govt.- reg.
24.	MKC UGMH Pvt.Ltd./2023-24/590	23.02.2024	Regarding Damage/Broken of WRD pipe line Under ROW.
25.	MKC UGMH Pvt.Ltd./2023-24/593	27.02.2024	Regarding Submission of EOT-1 Proposal (Reminder).

### 16. NCR/SITE INSTRUCTION STATUS

NCR No	LETTER NO.	Description	Issue Date	Compliance Letter No.	Compliance Date	Closing Letter, no	Date of Closing	Status	Remarks
1	LNMIPL/Ujjain-Garoth/2022-23/93/U-G-3	At chainage 96+400 to 96+600 BHS the material dumped and sprayed laying over size material more than 150mm to 200mm	06.12.2022	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/91	21.12.2022	LNMIPL/Ujjain-Garoth/2022-23/180/U-G-3	17.01.2023	Closed	
2	LNMIPL/Ujjain-Garoth/2022-23/94/U-G-3	At chainage 105+400 to 105+600 BHS the material dumped and sprayed laying over size material more than 150mm to 200mm	06.12.2022	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/92	21.12.2022	LNMIPL/Ujjain-Garoth/2022-23/181/U-G-3	17.01.2023	Closed	
3	LNMIPL/Ujjain-Garoth/2022-23/128/U-G-3	Safety arrangement at intersections.						Pending	
4	LNMIPL/Ujjain-Garoth/2022-23/172/U-G-3	At chainage 121+000 to 121+200 BHS the material dumped and sprayed laying over size material more than 150mm to 200mm	16.01.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/145	03.02.2023	LNMIPL/Ujjain-Garoth/2022-23/256/U-G-3	11.02.2023	Closed	
5	LNMIPL/Ujjain-Garoth/2022-23/173/U-G-3	At chainage 94+200 to 94+400 BHS the material dumped and sprayed laying over size material more than 150mm to 200mm	16.01.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/149	05.02.2023	LNMIPL/Ujjain-Garoth/2022-23/257/U-G-3	11.02.2023	Closed	





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6	LNMIPL/Ujjain-Garoth/2022-23/174/U-G-3	At chainage 111+250 to 111+450 BHS the material dumped and sprayed laying over size material more than 150mm to 200mm	17.01.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/164	13.02.2023	LNMIPL/Ujjain-Garoth/2022-23/283/U-G-3	20.02.2023	Closed	
7	LNMIPL/Ujjain-Garoth/2022-23/175/U-G-3	At chainage 116+330 to 116+550 BHS the material dumped and sprayed laying over size material more than 150mm to 200mm	17.01.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/148	05.02.2023	LNMIPL/Ujjain-Garoth/2022-23/258/U-G-3	11.02.2023	Closed	
8	LNMIPL/Ujjain-Garoth/2022-23/176/U-G-3	At chainage 115+240 to 115+370 BHS the material dumped and sprayed laying over size material more than 150mm to 200mm	17.01.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/151	06.02.2023	LNMIPL/Ujjain-Garoth/2022-23/259/U-G-3	11.02.2023	Closed	
9	LNMIPL/Ujjain-Garoth/2022-23/218/U-G-3	PCC Work at Chainage - 98+600( MNB) LHS	31.01.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/167	17.02.2023	LNMIPL/Ujjain-Garoth/2022-23/278/U-G-3	20.02.2023	Closed	
10	LNMIPL/Ujjain-Garoth/2022-23/219/U-G-3	PCC Work at Chainage - 99+363( MNB) BHS	31.01.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/168	17.02.2023	LNMIPL/Ujjain-Garoth/2022-23/279/U-G-3	20.02.2023	Closed	

11	LNMIPL/Ujjain-Garoth/2022-23/220/U-G-3	At chainage 125+100 to 125250 RHS the material dumped and sprayed laying over size material more than 150mm to 200mm	31.01.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/169	17.02.2023	LNMIPL/Ujjain-Garoth/2022-23/284/U-G-3	20.02.2023	Closed	
12	LNMIPL/Ujjain-Garoth/2022-23/351/U-G-3	At ch.-110+841 SVUP Wall 1st lift A-1 side cube tested in lab found not to have strength of cube	16.03.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/212	22.03.2023	LNMIPL/Ujjain-Garoth/2022-23/365/U-G-3	24.03.2023	Closed	
13	LNMIPL/Ujjain-Garoth/2022-23/509/U-G-3	At Chainage – 110+150 to 110+250 RHS the Material dumped and sprayed laying not as per section 400-1 (Grading V) GSB material.	17.05.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/279	29.05.2023	LNMIPL/Ujjain-Garoth/2022-23/535/U-G-3	31.05.2023	Closed	
14	LNMIPL/Ujjain-Garoth/2022-23/517/U-G-3	At Chainage – 119+734 RHS bottom hunch dimensional at 1.0 mtr. Length not as per drawing.	20.05.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/280	29.05.2023	LNMIPL/Ujjain-Garoth/2022-23/536/U-G-3	31.05.2023	Closed	
15	LNMIPL/Ujjain-Garoth/2022-23/551/U-G-3	At ch. 113+818 Major Bridge Excavtion and PCC work not as per CA	05.06.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/386	11.09.2023	LNMIPL/Ujjain-Garoth/2022-23/781/U-G-3	16.09.2023	Closed	



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16	LNMIPPL/Ujjain-Garoth/2022-23/572/U-G-3	At Chainage – 125+440 (Minor Bridge) improper pouring of M-35 grade concrete of raft, lot of cracks developed on raft surface	17.06.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/362	18.08.2023	LNMIPPL/Ujjain-Garoth/2022-23/728/U-G-3	19.08.2023	Closed	
17	LNMIPPL/Ujjain-Garoth/2022-23/573/U-G-3	At Chainage – 93+784 (Minor Bridge) improper pouring of M-35 grade concrete of abutment wall, due to shuttering failure	17.06.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/335	20.07.2023	LNMIPPL/Ujjain-Garoth/2022-23/663/U-G-3	26.07.2023	Closed	
18	LNMIPPL/Ujjain-Garoth/2022-23/609/U-G-3	At Chainage - 116+000 to 120+000 utility shifting work not done as per approved estimate	03.07.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/451	03.11.2023	LNMIPPL/Ujjain-Garoth/2023-24/902/U-G-3	06.11.2023	Closed	
19	LNMIPPL/Ujjain-Garoth/2022-23/652/U-G-3	At Chainage – 107+863 (Box Culvert) not executing as per IE Reviewed drawing	21.07.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/412	25.09.2023	LNMIPPL/Ujjain-Garoth/2023-24/843/U-G-3	09.10.2023	Closed	
20	LNMIPPL/Ujjain-Garoth/2022-23/676/U-G-3	At Chainage – 104+645 (LVUP) It has been observed that IE Reviewed drawing show RE Wall in approach but you have executing RCC	03.08.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/498	16.12.2023	LNMIPPL/Ujjain-Garoth/2022-23/972/U-G-3	19.12.2023	Closed	



		retaining wall in a limited section							
21	LNMIPPL/Ujjain-Garoth/2022-23/677/U-G-3	At Chainage – 110+863 (SVUP) It has been observed that IE Reviewed drawing show RE Wall in approach but you have executing RCC retaining wall in a limited section	03.08.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/497	16.12.2023	LNMIPPL/Ujjain-Garoth/2022-23/973/U-G-3	19.12.2023	Closed	
22	LNMIPPL/Ujjain-Garoth/2022-23/687/U-G-3	At Chainage - 125+281 (MNB) Raft Casting done without IE Reviewed drawing	07.08.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2023-24/564	06.02.2024	LNMIPPL/Ujjain-Garoth/2022-23/1092/U-G-3	07.02.2024	Closed	

### 17. WEATHER REPORT

#### Weather Report for the Month of February-2024

SL. NO.	DATE	TEMPERATURE °c		REL. HUMIDITY %		WEATHER	RAIN FALL (mm)	CUMM. RAIN FALL (mm)	REMARKS
		MIN.	MAX.	MIN.	MAX.				
1	1-Feb-2024	15.0	34.0	51	70	Sunny	0	0	
2	2-Feb-2024	12.0	29.0	55	74	Sunny	0	0	
3	3-Feb-2024	13.0	31.0	60	81	Sunny	0	0	
4	4-Feb-2024	12.0	34.0	62	85	Sunny	0	0	
5	5-Feb-2024	14.0	36.0	70	81	Sunny	0	0	
6	6-Feb-2024	12.0	30.0	54	85	Sunny	0	0	
7	7-Feb-2024	15.0	36.0	60	79	Sunny	0	0	
8	8-Feb-2024	14.0	31.0	54	74	Sunny	0	0	
9	9-Feb-2024	14.0	34.0	60	80	Sunny	0	0	
10	10-Feb-2024	12.0	30.0	62	84	Sunny	0	0	
11	11-Feb-2024	16.0	37.0	55	77	Sunny	0	0	
12	12-Feb-2024	14.0	32.0	50	70	Sunny	0	0	
13	13-Feb-2024	15.0	36.0	68	84	Sunny	0	0	
14	14-Feb-2024	12.0	30.0	60	81	Sunny	0	0	
15	15-Feb-2024	14.0	32.0	62	84	Sunny	0	0	
16	16-Feb-2024	16.0	36.0	54	79	Sunny	0	0	
17	17-Feb-2024	14.0	38.0	58	82	Sunny	0	0	
18	18-Feb-2024	15.0	36.0	49	72	Sunny	0	0	
19	19-Feb-2024	16.0	34.0	48	70	Sunny	0	0	
20	20-Feb-2024	16.0	37.0	51	77	Sunny	0	0	
21	21-Feb-2024	14.0	35.0	50	70	Sunny	0	0	
22	22-Feb-2024	15.0	36.0	52	69	Sunny	0	0	
23	23-Feb-2024	14.0	37.0	44	68	Sunny	0	0	
24	24-Feb-2024	14.0	33.0	47	69	Sunny	0	0	
25	25-Feb-2024	15.0	36.0	50	72	Sunny	0	0	
26	26-Feb-2024	16.0	36.0	53	80	Sunny	0	0	
27	27-Feb-2024	14.0	32.0	44	70	Sunny	0	0	
28	28-Feb-2024	17.0	35.0	42	71	Sunny	0	0	
29	29-Feb-2024	18.0	34.0	45	73	Sunny	0	0	
<b>Rain Fall (in mm)</b>						<b>This Month</b>		<b>0</b>	



18. QC REPORTS

Package - 3				Monthly Progress Report February - 2024															
Four Laning of Ujjain Garoth (Package – III) Suhagada to Bardiya Amra from Km 89+200 to Km 135+351 section of NH-148NG in the state of MP on Hybrid Annuity Mode.																			
Quality Control Test Report for FEBRUARY -2024																			
S.No.	Name of test	Reference as per IS / MORTH		Total Tests Conducted Up to Previous Month			No. of Tests Conducted during this Month			No. of Tests Conducted up to this Month			Test Witnessed by IE's Rep.				Test Witnessed by NHA Rep.		
				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Up to previous Month	During this Month	Total	%	Up to previous Month	During this Month	Total
<b>1.0 OGL samples</b>				<b>MORTH-900</b>															
1.1	Free Swell Index (FSI)	IS : 2720 (P- 40)	As Required	210	210	0	0	0	0	210	210	0	64	0	64	0	13	0	13
1.2	Grain size analysis	IS : 2720 (P-4)	As Required	195	195	0	0	0	0	195	195	0	49	0	49	0	13	0	13
1.3	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	As Required	195	195	0	0	0	0	195	195	0	49	0	49	0	13	0	13
1.4	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	As Required	195	195	0	0	0	0	195	195	0	49	0	49	0	13	0	13
1.5	4 days soaked CBR	IS : 2720 (P- 16)	As Required	13	13	0	0	0	0	13	13	0	13	0	13	0	0	0	0
<b>2.0 Borrow Area Samples</b>				<b>MORTH-900</b>															
2.1	Free Swell Index (FSI)	IS : 2720 (P- 40)	2 tests / 3000 m <sup>3</sup>	2512	2512	0	90	90	0	2602	2602	0	755	21	776	23	42	0	42
2.2	Grain size analysis	IS : 2720 (P-4)	2 tests / 3000 m <sup>3</sup>	2512	2512	0	90	90	0	2602	2602	0	3755	21	3776	23	42	0	42
2.3	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	2 tests / 3000 m <sup>3</sup>	2512	2512	0	90	90	0	2602	2602	0	755	21	776	23	42	0	42
2.4	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	2 tests / 3000 m <sup>3</sup>	2512	2512	0	90	90	0	2602	2602	0	755	21	776	23	42	0	42
2.5	4 days soaked CBR	IS : 2720 (P- 16)	1 test / 3000 m <sup>3</sup>	1450	1450	0	45	45	0	1495	1495	0	474	10	484	22	42	0	42
<b>3.0 Field Density Tests</b>				<b>MORTH-900</b>															
3.1	Field density test on OGL	IS : 2720 (P- 28)	1 set of tests / 3000 m <sup>2</sup>	14245	14245	0	0	0	0	14245	14245	0	2806	0	2806	0	0	0	0
3.2	Field density test on Emb.	IS : 2720 (P- 28)	1 set of tests /3000 m <sup>2</sup>	22672	22672	0	333	333	0	23005	23005	0	4351	75	4426	23	0	0	0
3.3	Field density test on Subgrade	IS : 2720 (P- 28)	1 set of tests / 2000 m <sup>2</sup>	9011	9011	0	911	911	0	9922	9922	0	1868	200	2068	22	0	0	0
3.4	Field density test on GSB	"	1 test / 1000 m <sup>2</sup>	1933	1933	0	506	506	0	2439	2439	0	451	110	561	22	0	0	0
3.5	Field density test on WMM	"	1 set of three / 1000 m <sup>2</sup>	1746	1746	0	482	482	0	2228	2228	0	414	110	524	23	0	1	1
3.6	Field density test on Earthen Shoulder	"	1 set of tests / 2000 m <sup>2</sup>	168	168	0	0	0	0	168	168	0	39	0	39	0	0	0	0
3.7	Field density test on Backfilling	"	1 set of 2test / 500 m <sup>2</sup>	5403	5397	6	1361	1361	0	6764	6758	6	1076	298	1374	22	0	0	0
3.8	Field density test on DLC	"	1 set of tests / 2000 m <sup>2</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>4.0 Coarse Agg. for Concrete</b>																			
4.1	Gradation	IS : 2386 (P-1)	1 test / day	435	435	0	29	29	0	464	464	0	194	6	200	21	0	0	0
4.2	Flakiness Index	IS : 2386 (P-1)	Weekly	66	66	0	4	4	0	70	70	0	31	1	32	25	0	0	0
4.3	Aggregate Impact Value	IS : 2386 (P-4)	Weekly	66	66	0	4	4	0	70	70	0	31	1	32	25	0	0	0
4.4	Specific Gravity	IS : 2386 (P-3)	Test/Source	2	2	0	0	0	0	2	2	0	1	0	1	0	0	0	0

Quality Control Test Report for FEBRUARY -2024																			
S.No.	Name of test	Reference as per IS / MORTH		Total Tests Conducted Up to Previous Month			No. of Tests Conducted during this Month			No. of Tests Conducted up to this Month			Test Witnessed by IE's Rep.				Test Witnessed by NHAI Rep.		
				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Up to previous Month	During this Month	Total	%	Up to previous Month	During this Month	Total
4.5	Water Absorption	IS : 2386 (P-3)	Test/Source	2	2	0	0	0	0	2	2	0	1	0	1	0	0	0	0
4.6	Deleterious Content	IS : 2386 (P-1)	As Required	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
4.7	Moisture correction	IS : 2386 (P-3)	Per Day	435	435	0	29	29	0	464	464	0	194	6	200	21	0	0	0
4.8	10% Fine Value	BS : 812 P-3	Test/Source	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
4.10	Soundness	IS : 2386 (P-5)	Test/Source	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
4.11	Alkali Aggregate Reactivity	IS : 2386 (P-7)	Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.12	Petrographic Examination	IS : 2386 (P-3)	Test/Source	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
<b>5.0 Fine Agg. for Concrete</b>																			
5.1	Gradation	IS : 2386 (P-1)	1 test / day	435	435	0	29	29	0	464	464	0	194	6	200	21	0	0	0
5.2	Specific Gravity	IS : 2386 (P-3)	Test/Source	3	3	0	0	0	0	3	3	0	1	0	1	0	0	0	0
5.3	Water Absorption	IS : 2386 (P-3)	Test/Source	3	3	0	0	0	0	3	3	0	1	0	1	0	0	0	0
5.4	Deleterious Content (silt content)	IS : 2386 (P- 1&2)	As Required	69	69	0	4	4	0	73	73	0	32	1	33	25	0	0	0
5.5	Moisture correction	IS : 2386 (P-3)	Per Day	435	435	0	29	29	0	464	464	0	194	6	200	21	0	0	0
5.6	Alkali Aggregate Reactivity	IS : 2386 (P-7)	Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.7	Soundness	IS : 2386 (P-5)	Test/Source	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
5.8	Organic Impurities	IS : 2386 (P-2)	Test/Source	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
<b>6.0 Concrete Cube Compressive strength tests(in sets)</b>																			
<b>For M 10 Grade</b>																			
6.1	for 7 days	IS : 516	for 7 days	225	225	0	7	7	0	232	232	0	86	2	88	29	0	0	0
6.2	for 28 days	IS : 516	for 28 days	532	532	0	48	48	0	580	580	0	166	10	176	21	0	0	0
<b>For M 15 Grade</b>																			
6.3	for 7 days	IS : 516	for 7 days	44	44	0	1	1	0	45	45	0	28	1	29	100	0	0	0
6.4	for 28 days	IS : 516	for 28 days	41	41	0	1	1	0	42	42	0	31	1	32	100	0	0	0
<b>For M 20</b>																			
6.5	for 7 days	IS : 516	for 7 days	35	35	0	0	0	0	35	35	0	26	0	26	0	0	0	0
6.6	for 28 days	IS : 516	for 28 days	28	28	0	0	0	0	28	28	0	17	0	17	0	0	0	0
<b>For M 25 Grade</b>																			
6.7	for 7 days	IS : 516	for 7 days	373	373	0	26	26	0	399	399	0	120	6	126	23	0	0	0
6.8	for 28 days	IS : 516	for 28 days	734	734	0	58	58	0	792	792	0	194	13	207	22	0	0	0
<b>For M 30 Grade</b>																			
6.9	for 7 days	IS : 516	for 7 days	117	117	0	10	10	0	127	127	0	64	2	66	20	0	0	0
6.10	for 28 days	IS : 516	for 28 days	190	190	0	42	42	0	232	232	0	112	10	122	24	0	1	1



Quality Control Test Report for FEBRUARY -2024																			
S.No.	Name of test	Reference as per IS / MORTH		Total Tests Conducted Up to Previous Month			No. of Tests Conducted during this Month			No. of Tests Conducted up to this Month			Test Witnessed by IE's Rep.				Test Witnessed by NHAI Rep.		
				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Up to previous Month	During this Month	Total	%	Up to previous Month	During this Month	Total
<b>For M 35 Grade</b>																			
6.11	for 7 days	IS : 516	for 7 days	298	298	0	18	18	0	316	316	0	135	4	139	22	0	1	1
6.12	for 28 days	IS : 516	for 28 days	816	816	0	34	34	0	850	850	0	465	7	472	21	0	0	0
<b>For M 35 (Pile) Grade</b>																			
6.11	for 7 days	IS : 516	for 7 days	44	44	0	0	0	0	44	44	0	31	0	31	0	0	0	0
6.12	for 28 days	IS : 516	for 28 days	72	72	0	0	0	0	72	72	0	49	0	49	0	0	0	0
<b>For M 35 (RE-BLOCK) Grade</b>																			
6.11	for 7 days	IS : 516	for 7 days	130	130	0	13	13	0	143	143	0	13	3	16	23	0	0	0
6.12	for 28 days	IS : 516	for 28 days	250	250	0	39	39	0	289	289	0	202	8	210	21	0	0	0
<b>For M 40 Grade</b>																			
6.12	for 7 days	IS : 516	for 7 days	76	76	0	2	2	0	78	78	0	52	1	53	50	0	0	0
6.13	for 28 days	IS : 516	for 28 days	61	61	0	3	3	0	64	64	0	49	1	50	33	0	0	0
<b>For M 45 Grade</b>																			
6.14	for 7 days	IS : 516	for 7 days	9	9	0	0	0	0	9	9	0	9	0	9	0	0	0	0
6.15	for 28 days	IS : 516	for 28 days	9	9	0	0	0	0	9	9	0	9	0	9	0	0	0	0
<b>For DLC</b>																			
6.16	for 7 days	IS : 516	for 7 days	3	3	0	0	0	0	3	3	0	3	0	3	0	0	0	0
<b>For PQC CUBE</b>																			
6.17	for 7 days	IS : 516	for 7 days	5	5	0	0	0	0	5	5	0	5	0	5	0	0	0	0
6.18	for 28 days	IS : 516	for 28 days	21	21	0	0	0	0	21	21	0	9	0	9	0	0	0	0
<b>For PQC BEAM</b>																			
6.19	for 7 days	IS : 516	for 7 days	5	5	0	0	0	0	5	5	0	5	0	5	0	0	0	0
6.20	for 28 days	IS : 516	for 28 days	21	21	0	0	0	0	21	21	0	9	0	9	0	0	0	0
<b>7.0 Cement Tests</b>																			
		<b>MORTH 1000</b>																	
7.1	Fineness of cement	IS : 4031 (P-1)	1 test / lot of cement	88	88	0	8	8	0	96	96	0	47	2	49	25	0	0	0
7.2	Normal consistency	IS : 4031 (P-4)	1 test / lot of cement	88	88	0	8	8	0	96	96	0	47	2	49	25	0	0	0
7.3	Initial, final setting times	IS : 4031 (P-5)	1 test / lot of cement	88	88	0	8	8	0	96	96	0	47	2	49	25	0	0	0
7.4	Soundness	IS : 4031 (P-3)	1 test / lot of cement	88	88	0	8	8	0	96	96	0	47	2	49	25	0	0	0
7.5	Compressive strength - 3 days	IS : 4031 (P-6)	for 3 days	74	74	0	7	7	0	81	81	0	39	2	41	29	0	0	0
	- 7 days	"	for 7 days	72	72	0	8	8	0	80	80	0	36	2	38	25	0	0	0
	- 28 days	"	for 28 days	79	79	0	8	8	0	87	87	0	38	2	40	25	0	0	0
7.6	Chemical properties	IS : 4031	Once per Source /	3	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0





**Quality Control Test Report for FEBRUARY -2024**

S.No.	Name of test	Reference as per IS / MORTH	Total Tests Conducted Up to Previous Month			No. of Tests Conducted during this Month			No. of Tests Conducted up to this Month			Test Witnessed by IE's Rep.				Test Witnessed by NHAI Rep.			
			Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Up to previous Month	During this Month	Total	%	Up to previous Month	During this Month	Total	
<b>9.0 Steel</b>			<b>MORTH 1000</b>																
9.1	Physical Properties	IS : 1786	54	54	0	10	10	0	64	64	0	38	2	40	20	0	0	0	
<b>11.0 Water</b>			<b>MORTH 1000</b>																
11.1	Suitability for Construction	IS : 456	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0	
<b>12.0 Admixture</b>			<b>MORTH 1000</b>																
12.1	Suitability for Concrete	IS : 9103	7	7	0	2	2	0	9	9	0	4	0	4	0	0	0	0	
<b>13.0 SUB-BASE (GSB)</b>			<b>MORTH 401</b>																
13.1	Gradation	Table 400-2 (Grading-V)	1 Test /400 cu.m.	720	720	0	134	134	0	854	854	0	459	30	489	22	0	1	1
13.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 Test /400 cu.m.	716	716	0	134	134	0	850	850	0	455	30	485	22	0	0	0
13.3	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	Test/Source	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	0
13.4	4 days soaked CBR	IS : 2720 (P- 16)	Test/Source	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	0
13.5	Water Absorption	IS : 2720 (P-3)	Test/Source	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	0
13.6	A.I.V	IS : 2386 (P-4)	As Required	15	15	0	0	0	0	15	15	0	10	0	10	0	0	0	0
<b>14.0 SUB-BASE / BASE (WMM)</b>			<b>MORTH 406</b>																
14.1	Gradation	Table 400-12	1 test / 200 m <sup>3</sup>	737	737	0	140	140	0	877	877	0	486	30	516	21	0	1	1
14.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 test / 200 m <sup>3</sup>	732	732	0	140	140	0	872	872	0	484	30	514	21	0	0	0
14.3	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)		1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
14.4	A.I.V	IS : 2386 (P-4)	1 test / 1000 m <sup>3</sup>	307	307	0	112	112	0	419	419	0	178	24	202	21	0	0	0
14.5	FI & EI	IS : 2386 (P-1)	1 test / 500 m <sup>3</sup>	394	394	0	120	120	0	514	514	0	284	25	309	21	0	0	0
14.6	Water Absorption	IS : 2386 (P-3)	Test/Source	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
14.7	Soundness	IS : 2386 (P-3)	Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>15. Bitumen VG-40/PMB</b>																			
15.1	Specific Gravity at 27oC	IS : 2380 (P-4)	As required	15	15	0	0	0	0	15	15	0	6	0	6	0	0	0	0
15.2	Softening Point(oc)	IS : 1205	1 test per Lot	93	93	0	22	22	0	115	115	0	53	5	58	23	0	0	0
15.3	Penetration at 25oc 100gm 5	IS : 1203	1 test per Lot	89	89	0	22	22	0	111	111	0	51	5	56	23	0	0	0
15.4	Ductility at 27oc	IS : 1208	As Required	84	84	0	22	22	0	106	106	0	51	5	56	23	0	0	0
15.5	Viscosity at 60o/135oC	IS : 1206	As required	93	93	0	22	22	0	115	115	0	53	5	58	23	0	0	0
<b>16. Emulsion</b>			<b>MORTH 503</b>																
16.1	RS 1 (Saybolt viscosity )	IS : 8887	Per Lot	8	8	0	2	2	0	10	10	0	7	1	8	50	0	0	0
16.2	SS 1 (Saybolt viscosity)	IS : 8887	Per Lot	4	4	0	0	0	0	4	4	0	2	0	2	0	0	0	0
<b>17.0 RATE OF SPRAY</b>			<b>MORTH 503</b>																
17.1	Prime coat	As per MORTH	3 test / day	304	304	0	102	102	0	406	406	0	188	23	211	23	22	0	22
17.2	Tack Coat	As per MORTH	3 test / day	268	268	0	102	102	0	370	370	0	180	23	203	23	0	0	0



**Quality Control Test Report for FEBRUARY -2024**

S.No.	Name of test	Reference as per IS / MORTH	Total Tests Conducted Up to Previous Month			No. of Tests Conducted during this Month			No. of Tests Conducted up to this Month			Test Witnessed by IE's Rep.				Test Witnessed by NHAI Rep.			
			Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Up to previous Month	During this Month	Total	%	Up to previous Month	During this Month	Total	
<b>18.0 DENSE BITUMINOUS MACADAM GRADING- 2</b>			<b>MORTH 505</b>																
18.1	Binder Content	As per MORTH	1 test / 400 Tonne Mix	190	190	0	29	29	0	219	219	0	96	6	102	21	0	0	0
18.2	Combined Gradation	As per MORTH	1 test / 400 Tonne Mix	196	196	0	29	29	0	225	225	0	102	6	108	21	0	0	0
18.3	Marshall Test (in Sets)	ASTM D 1559	1 test / 400 Tonne Mix	290	290	0	29	29	0	319	319	0	118	6	124	21	0	0	0
18.4	A.I.V	IS : 2386 (P-4)	1 test / 350 m3 of Agg.	101	101	0	13	13	0	114	114	0	54	3	57	23	0	0	0
18.5	FI & EI	IS : 2386 (P-1)	1 test / 350 m3 of Agg.	101	101	0	13	13	0	114	114	0	54	3	57	23	0	0	0
18.6	Water Absorption & Specific	IS : 2386 (P-3)	Test/Source	4	4	0	0	0	0	4	4	0	4	0	4	0	0	0	0
18.7	Stripping Value	IS : 6241	Test/Source	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
18.8	Core Density Test	As Per Morth	1 test / 700 sqm.	708	708	0	39	39	0	747	747	0	391	8	399	21	2	3	5
<b>Total</b>				<b>80400</b>	<b>80394</b>	<b>6</b>	<b>5721</b>	<b>5721</b>	<b>0</b>	<b>86121</b>	<b>86115</b>	<b>6</b>	<b>24606</b>	<b>1267</b>	<b>25873</b>		<b>286</b>	<b>8</b>	<b>294</b>

Total Tests Conducted this Month	5721
Total Tests Witnessed by IE's this Month	1267
Total Test Witnessed by IE's in % this Month	<b>22.15%</b>

Total Tests Conducted this Month	5721
Total Tests Witnessed by NHAI this Month	8
Total Test Witnessed by NHAI in % this Month	<b>0.14%</b>

Concessionaire's Representative

Independent Engineer's Representative

### 19. SITE PHOTOGRAPHS



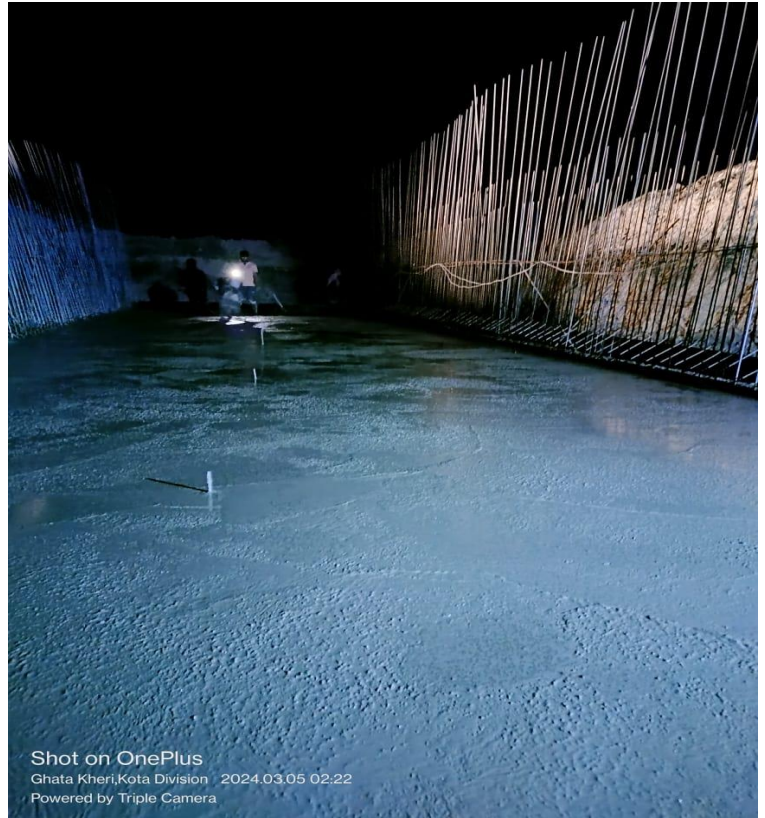
**Top slab curing work is in progress  
@ Ch 125+281 MNB(RHS)**



**Ch.119+903 SVUP RHS Approach Slab Work  
in progress.**



**Ch.119+903 SVUP RHS  
Approach Slab Bed Rolling.**



**B/c LHS raft concrete pouring completed 90+610**



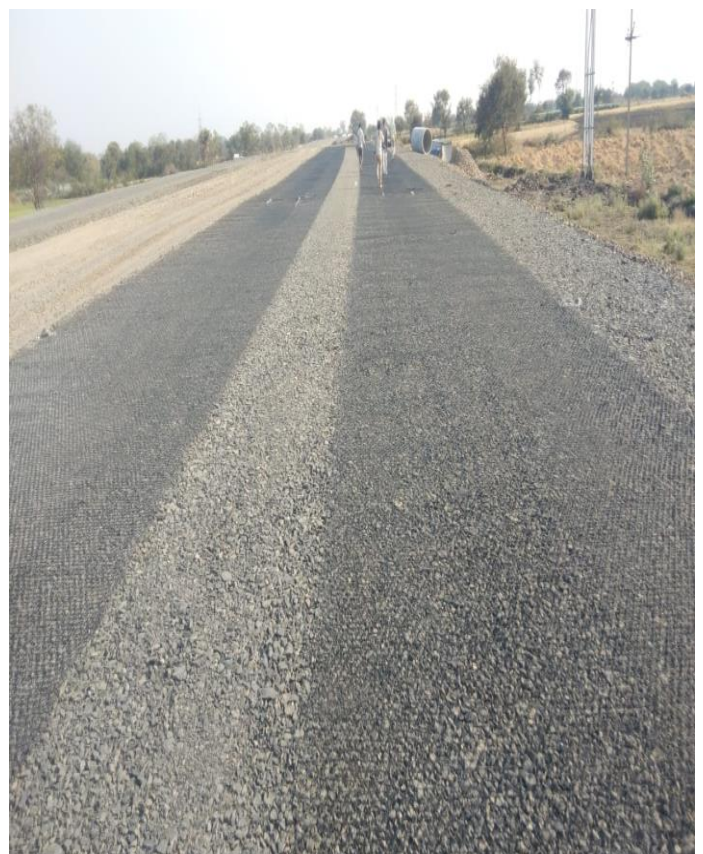
Ch.120+682 MNB RHS Span Top Slab Curing Continue.



Bottom Haunch shuttering work is in progress



DBM laying work in progress at Ch 119+930 to 120+590



Geogrid laying work in progress Ch 128+660 to 128+900