



## **National Highways Authority of India**

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



**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-148NG 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.

**Monthly Progress Report – (February-2023)**

Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode under Bharatmala Pariyojna in the state of Madhyapradesh

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**Ujjain-Garoth Pkg-III****Monthly Progress Report February-2023****Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode under Bharatmala Pariyojna in the state of Madhyapradesh**

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## 1. Executive Summary

This report covers the activities undertaken by the **concessionaire** during the month of February 2023.

### 1.1 Construction progress in current month

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
Physical Progress	15.09%	10.84%	8.06%	5.23%	23.15%	16.07%
Financial Progress (Certified IPC)	15.09%	10.08%	8.06%	0.00%	23.15%	10.08%
Expenditure (In Cr)	90.24	60.28	48.22	0.00	138.46	60.28

\* This physical progress is calculated in respect to % weightage of each item as specified in schedule 'G' of CA.

\* Financial Progress is calculated by considering of estimated amount of work done excluding price adjustment.

**1.2 Summary of Strip Plan****1.2(A) Highway**

<b>1. Work front unavailable &amp; Reason unavailability</b>		
	<b>Length (Km)</b>	<b>% Total</b>
<b>1. Carriageway</b>		
Total Length	46.115	-
Total Work Front unavailability	7.655	16.60%
Pending Land	7.655	16.60%
Acquired	38.460	83.40%
Encumbrance		

<b>2. Length completed by layer (MCW)</b>		
	<b>Length (Km)</b>	<b>% Total</b>
Total Length	46.115	-
Total Length Completed (Till BC)		0%
BC		
DBM		0%
WMM		0%
GSB	1.90	4.12%
Sub-Grade	30.83	66.85%
C&G	34.89	75.63%

<b>3. Length completed by layer (Service Road)</b>		
	<b>Length (Km)</b>	<b>% Total</b>
Total Length	1.354	-
Total Length Completed (Till BC)		0%
BC		
DBM		0%
WMM		0%
GSB		0%
Sub-Grade		0%
C&G		0%

Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode under Bharatmala Pariyojna in the state of Madhyapradesh

**1.2(B) Structures:**

Type of Structure	NOS	In-progress	Completed	Balance to be Executed
Culverts	95	8	38	49
SVUP	3	2	0	1
LVUP	3	1	0	2
VUP	2	0	0	2
ROB	1	0	0	1
Minor Bridge	32	4	0	28
Major Bridge	2	0	0	2
MCW	1	0	0	1
Ramp	2	0	0	2

### **1.3 Detailed Strip Plan - Annexed**

### **1.4 Current issues and recommended action by IE:**

#### **Issues: -**

1. Getting possession of 7.655 balance km length of project Highway & Add. 1 km Length of ROB.

#### **IE's recommendations: -**

1. Concessionaire should assist Project director by providing of detailed status of balance land those 3G awarded but land was not taken in possession even after expiring of 1 months' notice period of any appeal. In addition, for Liasoning with land owners for taking possession of land.

## 2. Project Overview

### 2.1 Salient Feature of Project

S.N.	Details	
1	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-148NG in the state of Madhyapradesh:  <b>(Package-III)</b>
2	NH No.	148NG
3	Mode of Execution	HAM
4	Client/ Authority	National Highways Authority of India
5	Independent Engineer	M/s L.N. Malviya Infra Project Pvt.Ltd In Association With M/s Infratech Civil Solutions Consultant.
6	Concessionaire	M/s MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd
7	Safety Consultant	Yet to Appoint.
8	Proof Consultant	Yet to Appoint.
9	Design Consultant	MKC Infrastructure Ltd.
10	Project Chainages	Ch. 89+236 to 135+351
11	No of lanes/ configuration	4 Lane
12	Contract Price	Rs. 598.00
13	Date of LOA	07.03.2022
14	Agreement Date	20.04.2022
15	Appointed Date	17.10.2022
16	Scheduled Date of Completion	18.06.2024
17	Construction Period	Issuance 21 Months (610 Days)
18	Maintenance Period	15 Year from the date of Completion Certificate
19	Retention Money	Maximum 5 % of Contract Price

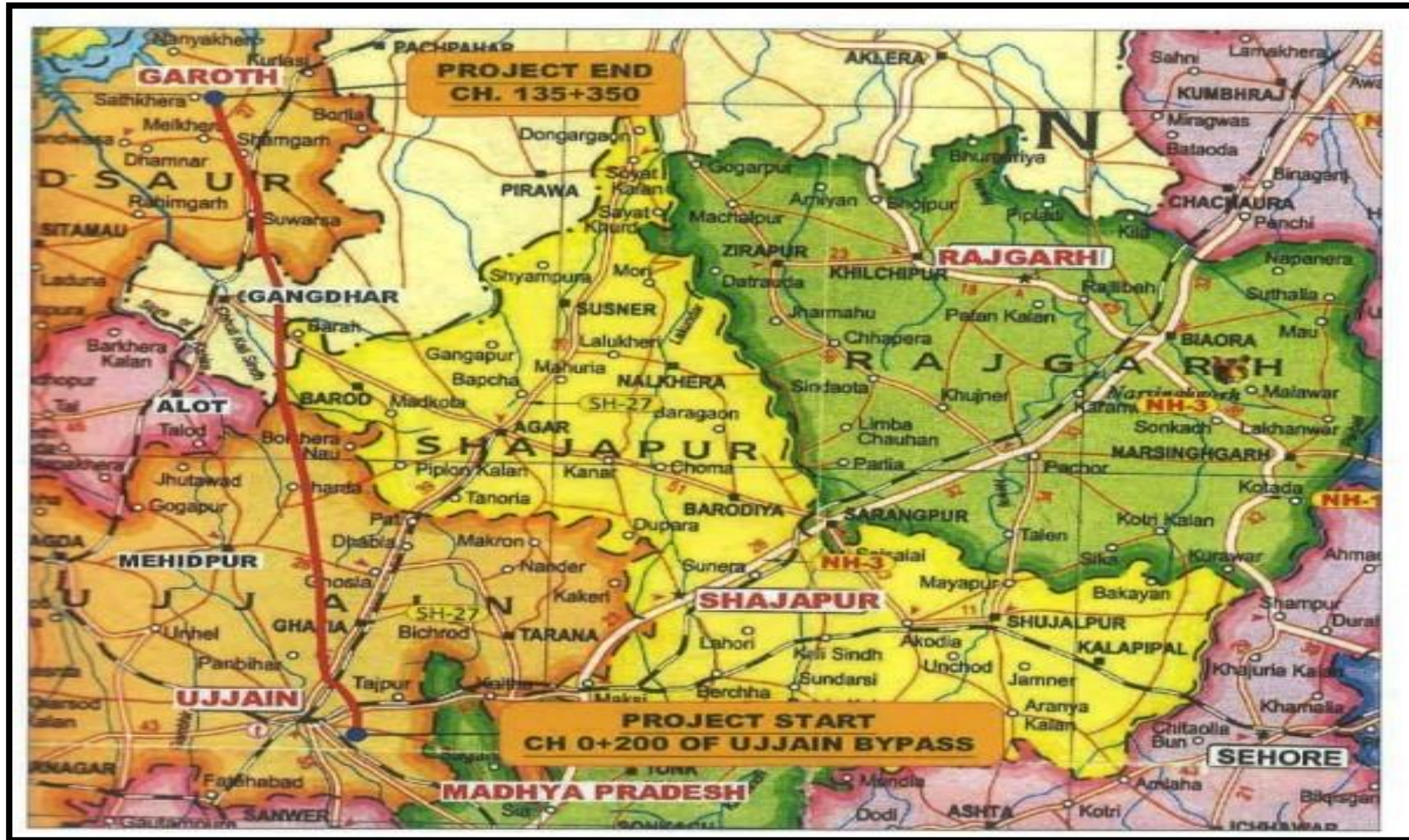


**2.2 Project Milestone**

Milestone	Description	Target Date	Revised Date	
Milestone-I	133rd Days from the Appointment Date and the Financial Progress not less than 20% of Contract Price	27 <sup>th</sup> February 2023	-	In Progress
Milestone-II	300 <sup>th</sup> Days from the Appointment Date and the Financial Progress not less than 35% of Contract Price	13 <sup>th</sup> August 2023	-	
Milestone-III	404 <sup>th</sup> Days from the Appointment Date and the Financial Progress not less than 75% of Contract Price	25 <sup>th</sup> November 2023	-	
Milestone-IV Scheduled completion Date	610 <sup>th</sup> Days from the Appointment Date and the Financial Progress not less than 100% of Contract Price	18 <sup>th</sup> June 2024		

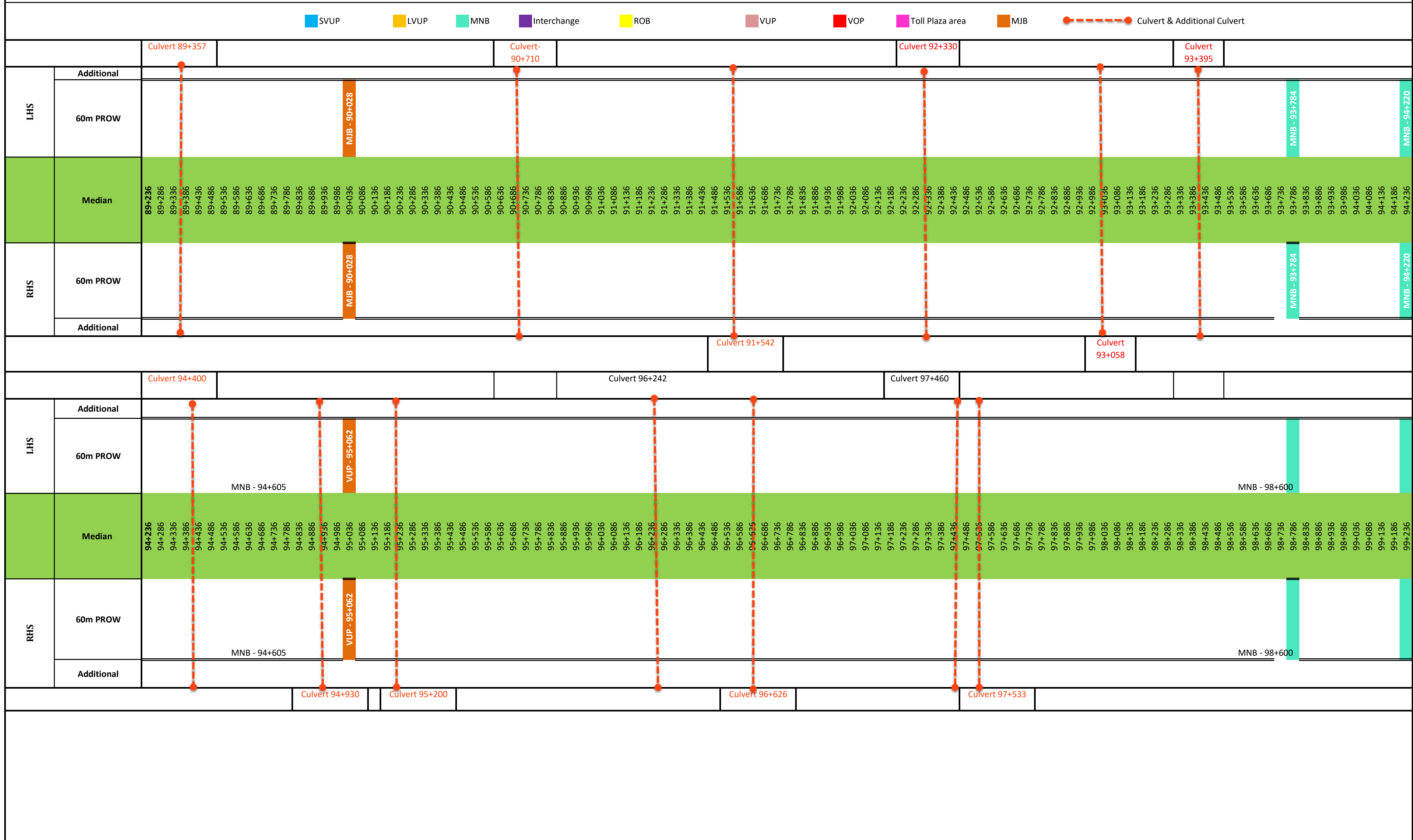
## 2. Project Overview

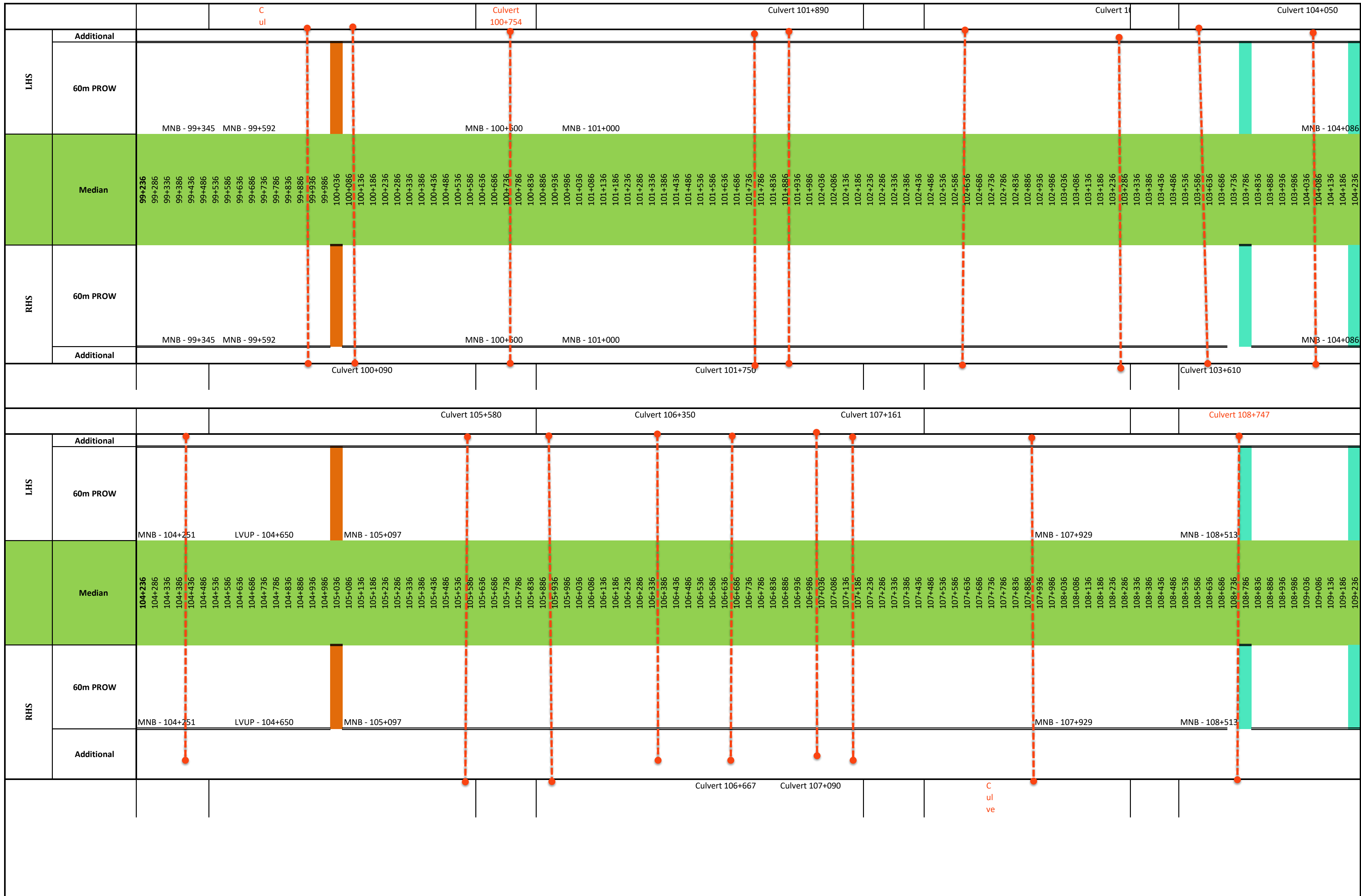
### 2.1 Location Map

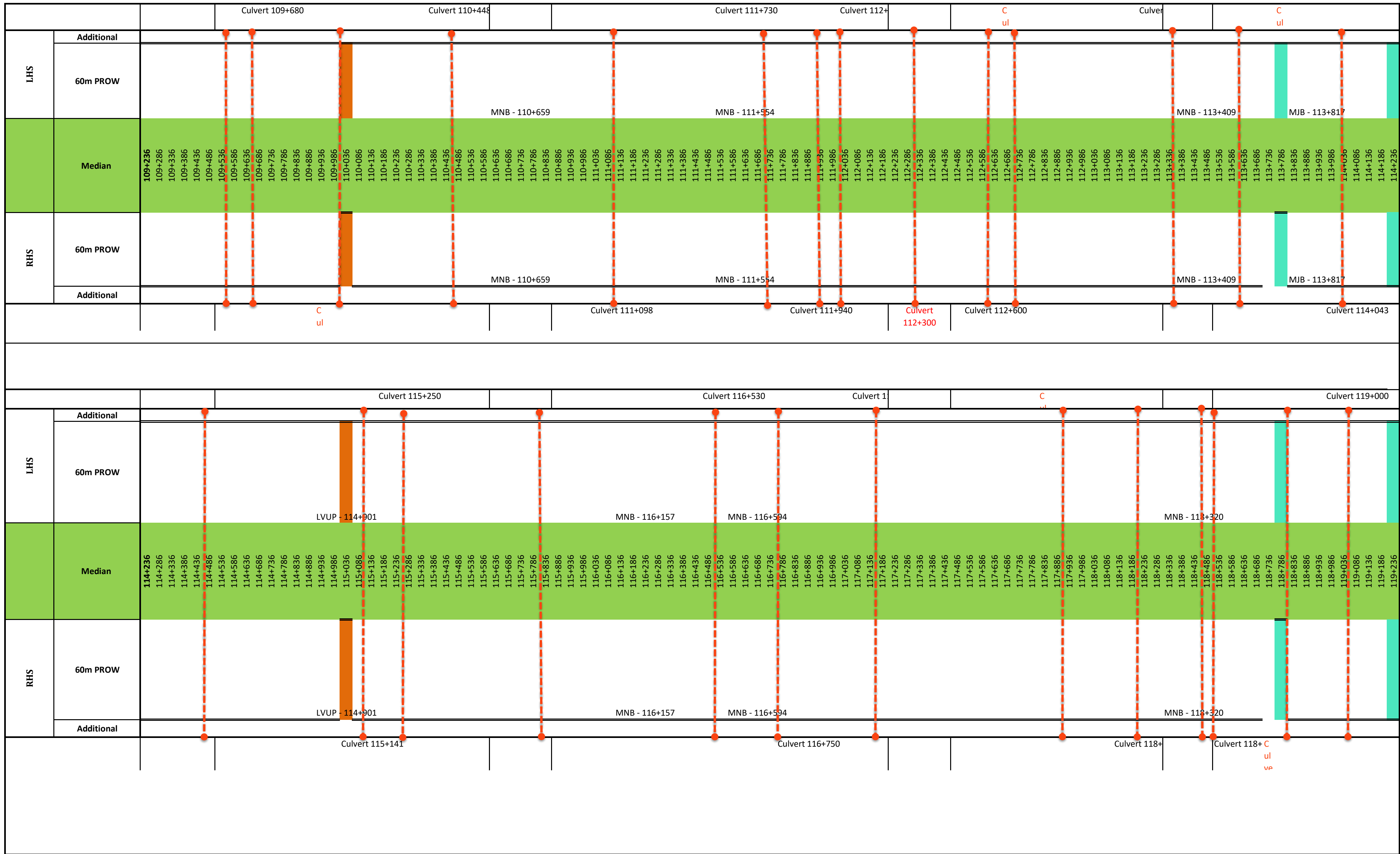


**Package-III**  
**Construction of Four Lining of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III)**  
**on HAM mode in the state of Madhyapradesh**

STRIP CHART PRESENTING SOW







			Culvert 120+159	Culvert 120+400		Culvert 121+230	122+007		Culvert 122+500	Culvert 123+420		Culvert 123+950
LHS	Additional											
	60m PROW											
Median		MNB - 119+346	MNB - 11 SVUP - 119+903		MNB - 120+686		MNB - 121+620		MNB - 123+020			
		119+236 119+286 119+336 119+386 119+436 119+486 119+536 119+586 119+636 119+686 119+736 119+786 119+836 119+886 119+936 119+986 120+036 120+086 120+136 120+186 120+236 120+286 120+336 120+386 120+436 120+486 120+536 120+586 120+636 120+686 120+736 120+786 120+836 120+886 120+936 120+986 121+036 121+086 121+136 121+186 121+236 121+286 121+336 121+386 121+436 121+486 121+536 121+586 121+636 121+686 121+736 121+786 121+836 121+886 121+936 121+986 122+036 122+086 122+136 122+186 122+236 122+286 122+336 122+386 122+436 122+486 122+536 122+586 122+636 122+686 122+736 122+786 122+836 122+886 122+936 122+986 123+036 123+086 123+136 123+186 123+236 123+286 123+336 123+386 123+436 123+486 123+536 123+586 123+636 123+686 123+736 123+786 123+836 123+886 123+936 123+986 124+036 124+086 124+136 124+186 124+236										
RHS	60m PROW											
	Additional	MNB - 119+346	MNB - 11 SVUP - 119+903		MNB - 120+686		MNB - 121+620		MNB - 123+020			
				Culvert		121+017		121+311				Culvert
		Culvert 124+085		Culvert		Culvert 126+170	Culvert 126+561			Culvert		Culvert
LHS	Additional											
	60m PROW											
Median		124+236 124+286 124+336 124+386 124+436 124+486 124+536 124+586 124+636 124+686 124+736 124+786 124+836 124+886 124+936 124+986 125+036 125+086 125+136 125+186 125+236 125+286 125+336 125+386 125+436 125+486 125+536 125+586 125+636 125+686 125+736 125+786 125+836 125+886 125+936 125+986 126+036 126+086 126+136 126+186 126+236 126+286 126+336 126+386 126+436 126+486 126+536 126+586 126+636 126+686 126+736 126+786 126+836 126+886 126+936 126+986 127+036 127+086 127+136 127+186 127+236 127+286 127+336 127+386 127+436 127+486 127+536 127+586 127+636 127+686 127+736 127+786 127+836 127+886 127+936 127+986 128+036 128+086 128+136 128+186 128+236 128+286 128+336 128+386 128+436 128+486 128+536 128+586 128+636 128+686 128+736 128+786 128+836 128+886 128+936 128+986 129+036 129+086 129+136 129+186 129+236										
		MNB - 125+304	MNB - 125+446	SVUP - 125+500			ROB - 127+207	LVI				
RHS	60m PROW											
	Additional		MNB - 125+304	MNB - 125+446	SVUP - 125+500		ROB - 127+207	LVI				
			Culvert 124+777		Culvert 125+304		Culvert 126+388	Culvert 126+828		Culvert 128+950		

			Culvert 129+712		Culvert 131+200	Culvert 131+830	13		Culvert 133+125		Culvert
LHS	Additional										
	60m PROW										
Median		129+236 129+286 129+336 129+386 129+436 129+486 129+536 129+586 129+636 129+686 129+736 129+786 129+836 129+886 129+936 129+986 130+036 130+086 130+136 130+186 130+236 130+286 130+336 130+386 130+436 130+486 130+536 130+586 130+636 130+686 130+736 130+786 130+836 130+886 130+936 130+986 131+036 131+086 131+136 131+186 131+236 131+286 131+336 131+386 131+436 131+486 131+536 131+586 131+636 131+686 131+736 131+786 131+836 131+886 131+936 131+986 132+036 132+086 132+136 132+186 132+236 132+286 132+336 132+386 132+436 132+486 132+536 132+586 132+636 132+686 132+736 132+786 132+836 132+886 132+936 132+986 133+036 133+086 133+136 133+186 133+236 133+286 133+336 133+386 133+436 133+486 133+536 133+586 133+636 133+686 133+736 133+786 133+836 133+886 133+936 133+986 134+036 134+086 134+136 134+186 134+236									
RHS	60m PROW										
	Additional										
				Culvert 130+400		Culvert 131+343	Culvert 132+		Culvert		Culvert
				Culvert 135+180	Culvert 135+280						
LHS	Additional										
	60m PROW										
Median		134+236 134+286 134+336 134+386 134+436 134+486 134+536 134+586 134+636 134+686 134+736 134+786 134+836 134+886 134+936 134+986 135+036 135+086 135+136 135+186 135+236 135+286 135+336 135+386									
RHS	60m PROW										
	Additional										

### 3. Critical issues and action log

#### 3.1 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	7.65 km				Under Process
3	ROB Add. Land Acquisition		NHAI	1.00 km				Under Process
4	EHT Line Shifting		NHAI					Under Process
5	Approval for Design and Drawings		NHAI					Under Process



**3.2 Obligations as per Concessionaire****3.2.1 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	

**3.2.2 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	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/67 Dated-7-12-2022
4	Article 18.1.2	Appointment of Safety Consultant	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/37 Dated-2-11-2022
5		Appointment of Design Director		
6	Article 10	Applicable Permit	Submitted	

**Package-III****Monthly Progress Report February-2023**

**Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhya Pradesh**

a)		Permission of state government for extraction of boulder from quarry	Submitted	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	Submitted	
c)		License of use of explosives	Submitted	
d)		Permission of state government of drawing of water from river/reservoir	Submitted	
e)		License from inspector of factories or other competent Independent for setting up batching plant	Submitted	
f)		Clearance of pollution control board for setting up batching plant	Submitted	
g)		Permission of village panchayats and pollution control board for setting up asphalt plant	Submitted	
h)		Permission of village panchayats and state government for borrow earth.	Submitted	
i)		Labour License	Submitted	
7		Handover Memorandum	Submitted	
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

**4. Physical Progress**

Sl. No.	Component	% Weightage	Physical Progress (During This Month)	Physical Progress (Cumulative, Up to Current Month)	Remarks	
1	Road Works - (Main Carriageway)	35.80%	1.95%	11.12%		
2	Minor Bridge works, underpasses, overpasses &, Box Culvert, & Major Bridge Structures	28.27%	2.62%	4.28%		
3	ROB	8.72%	-	-		
4	Other Works	27.21%	0.65%	0.67%		
	<b>Physical Progress</b>	<b>100%</b>	<b>5.22%</b>	<b>16.07%</b>		

**4. ROB Physical Progress**

Sr. No	Description	Status	Remark
1	Land Acquisition	Land Acquisition pending as per approved GAD	Yet to be acquired as additional land for ROB from Ch. 126+900 to Ch.127+900
2	Soil Investigation	Completed	Agency- Krishna Laboratory
3	GAD	At location GAD as per DPR not to be acquired	
4	Design & Drawing	Submitted	Letter No. 181 dated 22.02.2023

**5. Land Acquisition and Clearance**

Description	Land (Km)	Remark
Total Land Required	46.115	
Available Land Till 28.02.2023	38.460	
Unavailable Land Till 28.02.2023	7.655	
Add. Land Required for ROB	1.000	

**Package-III** **Monthly Progress Report February-2023**  
**Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhyapradesh**

<b>UJJAIN-GAROTH PKG-III</b>									
Land Acquisition & Clearances by length as on date 28.02.2023									
S.NO	Village	Chainage		Length (km)	Available Land as on 28.02.2023		Un-available Land as on 28.02.2023		REMARKS
		From	To		LHS	RHS	LHS	RHS	
1	Khakhri	89236	90090	854	854	854			Work in Progress
2	Khakhri	90090	90220	130			130	130	LA Issue
3	Khakhri	90220	90310	90	90	90			Work in Progress
4	Khakhri	90310	90570	260			260	260	LA Issue
5	Lasudiya	90570	90990	420	420	420			Work in Progress
6	Lasudiya	90990	91350	360			360	360	LA Issue
7	Lasudiya	91350	91590	240	240	240			Work in Progress
8	Lasudiya	91590	91800	210			210	210	LA Issue
9	Lasudiya	91800	92210	410	410	410			Work in Progress
10	Lasudiya	92210	92500	290			290	290	LA Issue
11	Nayakheda	92500	95310	2810	2810	2810			Work in Progress
12	Nayakheda	95310	95480	170			170	170	LA Issue
13	Guwalad	95480	96920	1440	1440	1440			Work in Progress
14	Guwalad	96920	97000	80			80	80	LA Issue
15	Guwalad	97000	97310	310	310	310			Work in Progress
16	Guwalad	97310	97460	150	80		70	150	LA Issue
17	Guwalad	97460	100790	3330	3330	3330			Work in Progress
18	Jhotawali	100790	100800	10			10	10	LA Issue
19	Jhotawali	100800	101170	370	370	370			Work in Progress
20	Jhotawali	101170	101320	150			150	150	LA Issue
21	Tarnod	101320	103720	2400	2400	2400			Work in Progress
22	Tarnod	103720	103780	60			60	60	LA Issue
23	Tarnod	103780	104230	450	450	450			Work in Progress
24	Tarnod	104230	104400	170		170	170	0	LA Issue
25	Tarnod	104400	104690	290	290	290			Work in Progress
26	Tarnod	104690	104800	110			110	110	LA Issue
27	Tarnod	104800	105240	440	440	440			Work in Progress
28	Tarnod	105240	105350	110	50	50	60	60	LA Issue
29	Tarnod	105350	105990	640	640	640			Work in Progress
30	Tarnod	105990	106110	120			120	120	LA Issue
31	Ghasoi	106110	107290	1180	1180	1180			Work in Progress
32	Ghasoi	107290	107450	160	160	0	0	160	LA Issue
33	Ghasoi	107450	107480	30	30	30			Work in Progress
34	Ghasoi	107480	107660	180	150	10	30	170	LA Issue
35	Ghasoi	107660	107690	30	30	30			Work in Progress
36	Ghasoi	107690	107960	270			270	270	LA Issue
37	Ghasoi	107960	108010	50	50	50			Work in Progress
38	Ghasoi	108010	108210	200			200	200	LA Issue
39	Ghasoi	108210	109190	980	980	980			Work in Progress
40	Ghasoi	109190	109400	210	210	0	0	210	LA Issue

**Package-III** **Monthly Progress Report February-2023**  
**Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhyapradesh**

Land Acquisition & Clearances by length as on date 28.02.2023									
S.NO	Village	Chainage		Length (km)	Available Land as on 28.02.2023		Un-available Land as on 28.02.2023		REMARKS
		From	To		LHS	RHS	LHS	RHS	
41	Ghasoi	109400	109560	160	160	160			Work in Progress
42	Antraliya	109560	109650	90			90	90	LA Issue
43	Antraliya	109650	110990	1340	1340	1340			Work in Progress
44	Antraliya	110990	111040	50			50	50	LA Issue
45	Antraliya	111040	112170	1130	1130	1130			Work in Progress
46	Semlikankad	112170	112340	170			170	170	LA Issue
47	Semlikankad	112340	115340	3000	3000	3000			Work in Progress
48	Semlikankad	115340	115500	160			160	160	LA Issue
49	Dhabla Deval	115500	115990	490	490	490			Work in Progress
50	Dhabla Deval	115990	116200	210			210	210	LA Issue
51	Dhabla Deval	116200	116490	290	290	290			Work in Progress
52	Dhabla Deval	116490	116540	50	50	0	0	50	LA Issue
53	Dhabla Deval	116540	116750	210	210	210			Work in Progress
54	Dhabla Deval	116750	116800	50			50	50	LA Issue
55	Dhabla Deval	116800	121890	5090	5090	5090			Work in Progress
56	Semlikankad	121890	122000	110			110	110	LA Issue
57	Dhabla Gurjar	122000	124920	2920	2920	2920			Work in Progress
58	Dhabla Gurjar	124920	125000	80			80	80	LA Issue
59	Dhabla Gurjar	125000	125440	440	440	440			Work in Progress
60	Dhabla Gurjar	125440	125500	60			60	60	LA Issue
61	Dhabla Gurjar	125500	125530	30	30	30			Work in Progress
62	Dhabla Gurjar	125530	125690	160	0	20	160	140	LA Issue
63	Dhabla Gurjar	125690	125890	200	200	200			Work in Progress
64	Dhabla Gurjar	125890	126090	200			200	200	LA Issue
65	Dhabla Gurjar	126090	126350	260	260	260			Work in Progress
66	Dhabla Gurjar	126350	126470	120			120	120	LA Issue
67	Dhabla Gurjar	126470	126890	420	420	420			Work in Progress
68	Chandkhedi	126890	127510	620			620	620	LA Issue
69	Chandkhedi	127510	127550	40	40	40			Work in Progress
70	Guradiya Mata	127550	127850	300			300	300	LA Issue
71	Guradiya Mata	127850	128850	1000	1000	1000			Work in Progress
72	Guradiya Mata	128850	129140	290	50	190	240	100	LA Issue
73	Farasali	129140	130840	1700	1700	1700			Work in Progress
74	Farasali	130840	130900	60	60	0	0	60	LA Issue
75	Farasali	130900	132000	1100	1100	1100			Work in Progress
76	Farasali	132000	134100	2100			2100	2100	LA Issue
77	Farasali	134100	135351	1251	1251	1251			Work in Progress
				0					
Total Land :				46115	38645	38275	7470	7840	
Total Land (Km):				46.12	38.65	38.28	7.47	7.84	
Total Land Percentage (%):				100.00%	83.80%	83.00%	16.20%	17.00%	
Total Land Percentage Average (%):				100%	83.40%		16.60%		

**7. Mobilization of Resources****7.1 Resource mobilization by contractor/ concessionaire****Equipment Resources**

S.No.	Item Description	Unit	Quantity
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.	15
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>293</b>



**Package-III****Monthly Progress Report February-2023**

**Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhya Pradesh**

**Manpower Resources**

Sl. No.	Name	Description	Nos.
<b>A</b>		<b>Key personnel</b>	
1	Mr. Ashok Kumar Tripathi	SGM- Highway	1
2	Mohd.Alam	Sr. Project Manager	1
<b>B</b>		<b>Highways</b>	
1	Parminder malik	Dy. Project Manager	1
2		Sr. Engineer/Jr. Engineer/Engineer	12
3	Deepak Dixit	Sr. Survey Manager	1
4	Ajay Kumar Morya	Sr. Surveyor	1
5		Asst. Surveyor/Surveyor	8
<b>C</b>		<b>Structures</b>	
1	Sanjeev Kumar	Dy. Project Manager	1
2		Sr. Engineer/Site Engineer/Jr. Engineer	4
3		Supervisor/Senior Supervisor	10
<b>D</b>		<b>Quality Assurance/Control</b>	
1	Anjani Kumar Tiwari	Manager	1
2		Sr. Engineer/Engineer	2
3		Jr. Engineer /Technician/ Lab. Technician	13
<b>E</b>		<b>Planning &amp; Billing</b>	
1	Manmohan Singh Yadav	Manager (Planning & Billing)	1
2		Sr. Engineer	2
3		Engineer	2
4		GET	1
5		Assistant	1
<b>F</b>		<b>Plant &amp; Equipment</b>	
1	Mukesh Ranjan Prashad	Sr. Manager	1
2		Sr. Engineer/Engineer/Sr. Supervisor	4
3		Foreman/Mechanic/Electrician/JET	10
<b>G</b>		<b>HR &amp; Admin, Accounts, Purchase, Store, IT</b>	
1	Dharmendra	Manager (Liasioning)	1
2	Naresh	Deputy Manager (Accounts)	1
3		Sr. Executives (Accounts)	1
4	Lal Babu Giri	Manager (Purchase & Store)	1
5		Dy. Manager/Asst. Manager	2
6		Executives/Jr. Executives	13
		<b>TOTAL</b>	<b>97</b>

Package-III

Monthly Progress Report February- 2023

Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhya Pradesh

**Detailed Physical Progress-**

<b>Detailed Physical Progress</b>															
S.No.	Component	Cost Weightage in Project (%)	Item Description	Unit	Cost Weightage in Component (%)	Amount	Planned in Scope (As per Scope of Work)	Rate per unit in Rs	Planned in Scope (As per Scope of Work)	Progress Till Date	% of Physical Progress	Value of Physical Progress	Remarks		
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
1	Road Works	35.80%	<b>B- New realignment/bypass</b>												
			(1) Earthwork up to top of the sub-grade	L-km	15.680%	93,76,64,000.00	88.902	1,05,47,164.29	88.902	61.67	69.37%	65,04,43,621.97			
			(2) Granular work (sub-base, base, shoulders)			-									
			(a) CTSB/GSB	L-km	5.700%	34,08,60,000.00	88.362	38,57,540.57	88.362	3.8	4.30%	1,46,58,654.17			
			(c)CTB/WMM	L-km	3.430%	20,51,14,000.00	88.362	23,21,291.96	88.362						
			(3) Shoulders	L-km	0.060%	35,88,000.00	88.362	40,605.69	88.362						
			(4) Bituminous work			-									
			(a) DBM	L-km	6.390%	38,21,22,000.00	88.362	43,24,506.01	88.362						
			(b) BC	L-km	4.540%	27,14,92,000.00	88.362	30,72,497.23	88.362						
			<b>Sub Total-1</b>					<b>35.800%</b>	<b>2,14,08,40,000.00</b>						<b>66,51,02,276.14</b>
2	Culvert	28.27%	<b>C- New culverts, minor bridges, underpasses, over passes on existing road, realignments,</b>			-									
			(1) Culverts	No.	7.810%	46,70,38,000.00	190	24,58,094.74	190	76	40.00%	18,68,15,200.00			
	MNB		(2) Minor bridges			-									
			(a) Foundation	No.	5.520%	33,00,96,000.00	64	51,57,750.00	64	8	12.50%	4,12,62,000.00			
			(b) Sub-structure	No.	4.800%	28,70,40,000.00	64	44,85,000.00	64						
			(c) Super-structure (including crash barriers etc. complete	No.	4.810%	28,76,38,000.00	64	44,94,343.75	64						
	Underpass		(5) Grade separated structures (a) Underpasses			-									
			(i) Foundation	No.	0.050%	29,90,000.00	16	1,86,875.00	16	6	37.50%	11,21,250.00			
			(ii) Sub-structure	No.	1.740%	10,40,52,000.00	16	65,03,250.00	16	4	25.00%	2,60,13,000.00			
			(iii) Super-structure (including crash barriers etc. Complete)	No.		-	16	-	16						
			Pre Casting of Girders (40%)		0.068%	40,66,400.00	16	2,54,150.00	16	1	6.25%	2,54,150.00			
			Remaining work of Super-structure (including crash barriers etc. Complete) ( 60%)		0.102%	60,99,600.00	16	3,81,225.00	16	1	6.25%	3,81,225.00			
	Major Bridges works		<b>C- New Major Bridges</b>			-									
			(1) Pile/Well Foundation	No.	1.510%	9,02,98,000.00	12	75,24,833.33	12						
			(2) Sub-structure	No.	0.420%	2,51,16,000.00	12	20,93,000.00	12						
			(3) Super-structure (including crash barriers etc. complete)	No.		-	12	-	12						
Pre Casting of Girders (40%)			0.720%	3,44,44,800.00	12	2870400	12								
Remaining work of Super-structure (including crash barriers etc. Complete) ( 60%)			0.720%	5,16,67,200.00	12	43,05,600.00	12								
<b>Sub Total-2</b>					<b>28.270%</b>	<b>1,69,05,46,000.00</b>						<b>25,58,46,825.00</b>			

**Package-III**

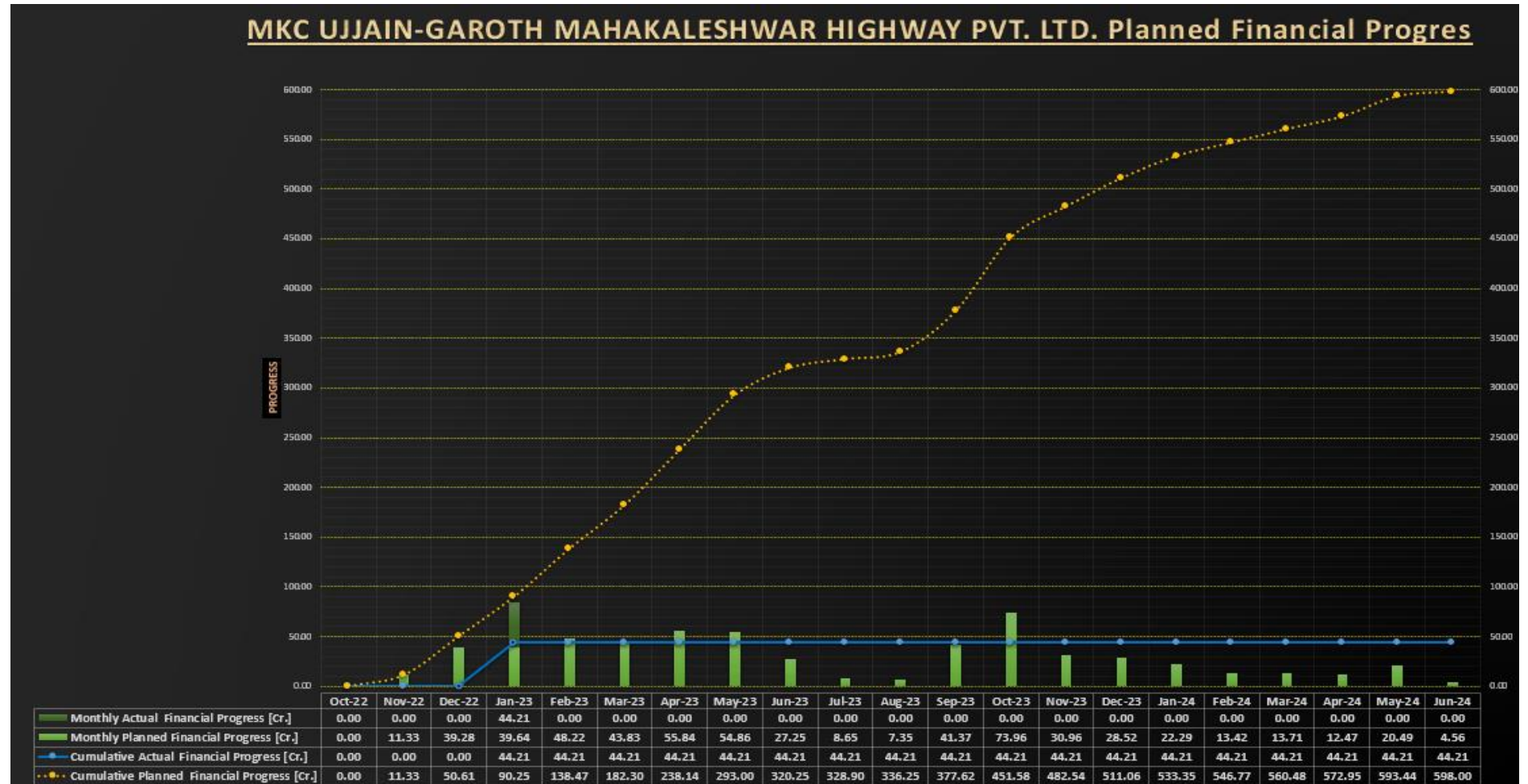
**Monthly Progress Report February- 2023**

**Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhya Pradesh**

3	ROB Works	2.37%	<b>D - New rail-road bridges (a) ROB</b>			-									
			(1) Foundation	No.	0.570%	3,40,86,000.00	10	34,08,600.00	10						
			(2) Sub-structure	No.	0.330%	1,97,34,000.00	10	19,73,400.00	10						
			(3) Super-structure (including crash barriers etc.complete	No.		-	10	-	10						
			Casting of Pre-Cast Girders (40%)		0.588%	3,51,62,400.00									
			Remaining work of Super-structure (including crash barriers etc. Complete) ( 60%)		0.882%	5,27,43,600.00									
<b>Sub Total-3</b>				<b>2.370%</b>	<b>14,17,26,000.00</b>										
4	Structures (Elevated sections, Reinforced Earth)	6.35%	(4) Reinforced Earth Wall (Includes Approaches of ROB, Underpasses, Overpasses, Flyover etc.)	Sqm.	6.350%	37,97,30,000.00	31412	12,088.69	31412						
<b>Sub Total-4</b>				<b>6.350%</b>	<b>37,97,30,000.00</b>										
5	Other Works	27.21%	(i) Service roads/ Slip Roads	km	0.850%	5,08,30,000.00	2708	18,770.31	2708						
			(ii) (a) Main Toll Plaza	No.	1.550%	9,26,90,000.00	1	9,26,90,000.00	1						
			(ii) (b) Toll Plaza on Entry & Exit Ramp	No.	2.940%	17,58,12,000.00	4	4,39,53,000.00	4						
			(iii) Road Side Drain (Unlined)	km	0.340%	2,03,32,000.00	88.902	2,28,701.27	88.902						
			(iv) Road signs, marking, Km stones, Safety Devices			-									
			(iv) (a) Road signs, marking, Km stones etc.	km	1.940%	11,60,12,000.00	88.902	13,04,942.52	88.902						
			(iv) (b) Concrete Crash Barrier/ W-Beam Crash Barrier in Road work	km	9.490%	56,75,02,000.00	151.500	37,45,887.79	151.500						
			(iv) (c) Steel Railing	km	0.080%	47,84,000.00	5.570	8,58,886.89	5.570						
			(v) (a) Bus Shelter	No.	0.020%	11,96,000.00	4	2,99,000.00	4						
			(v) (c) Truck Lay Bye cum Rest area	No.	0.920%	5,50,16,000.00	1	5,50,16,000.00	1						
			(v) (d) Electrification (Highway Lighting including lighting provisions at MCW, Slip Road, Service Road, Bus Bays, Truck Lay Bys, Junctions etc. as per Schedule-B, C & D. Nos. shall be finalized after finalization of lighting Plan & Design)	km	0.510%	3,04,98,000.00	46.100	6,61,561.82	46.100						
			(v) (e) Toilet Block	No.	0.210%	1,25,58,000.00	22	5,70,818.18	22						
			(vii) Road side/Median plantation	No.	0.840%	5,02,32,000.00	36880	1,362.04	36880						
			(viii) (a) Boulder Pitching on slopes	km	0.150%	89,70,000.00	0.825	1,08,72,727.27	0.825						
			(viii) (b) Toe Wall/Retaining wall/Boundary Wall	km	0.110%	65,78,000.00	2.600	25,30,000.00	2.600						
			(viii) (c) River Training Work	km	0.160%	95,68,000.00	0.825	1,15,97,575.76	0.825						
			(x) (c) Connecting Road	km	0.430%	2,57,14,000.00	3.295	78,03,945.37	3.295						
			(x) (d) Tree Cutting	km	0.020%	11,96,000.00	88.902	13,453.02	88.902	65.6	73.79%	8,82,517.83			
			(x) (e) (a) Major Junction	No.	0.220%	1,31,56,000.00	2	65,78,000.00	2						
			(x) (e) (b) Minor Junction	No.	0.180%	1,07,64,000.00	16	6,72,750.00	16						
(x) (f) Rain Water Harvesting System	No.	0.210%	1,25,58,000.00	92	1,36,500.00	92									
(x) (h) ATMS	km	2.020%	12,07,96,000.00	46.100	26,20,303.69	46.100									
(x) (i) Pathway	km	0.270%	1,61,46,000.00	4.500	35,88,000.00	4.500									
(x) (j) Utility Shifting	km	3.750%	22,42,50,000.00	46.100	48,64,425.16	46.100	8	17.35%	3,89,15,401.30						
<b>Sub Total-5</b>				<b>27.210%</b>	<b>1,62,71,58,000.00</b>								<b>3,97,97,919.13</b>		
<b>Total</b>				<b>100.00%</b>	<b>5,98,00,00,000.00</b>							<b>16.07%</b>	<b>96,07,47,020.27</b>		

**8. Financial Progress-**

**8.1 Penpicture Escrow**



Package-III

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Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhyapradesh

8.2 Escrow Details

Detailed Financial Progress														
S.No.	Component	Cost Weightage in Project (%)	Item Description	Unit	Cost Weightage in Component (%)	Amount	Planned in Scope (As per Scope of Work)	Rate per unit in Rs	Planned in Scope (As per Scope of Work)	Progress Till Date	% of Physical Progress	Value of Physical Progress	Remarks	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Road Works	35.80%	<b>B- New realignment/bypass</b>											
			(1) Earthwork up to top of the sub-grade	L-km	15.680%	93,76,64,000.00	88.902	1,05,47,164.29	88.902	47.67	53.62%	50,27,83,321.86		
			(2) Granular work (sub-base, base, shoulders)			-								
			(a) CTSB/GSB	L-km	5.700%	34,08,60,000.00	88.362	38,57,540.57	88.362					
			(c)CTB/WMM	L-km	3.430%	20,51,14,000.00	88.362	23,21,291.96	88.362					
			(3) Shoulders	L-km	0.060%	35,88,000.00	88.362	40,605.69	88.362					
			(4) Bituminous work			-								
			(a) DBM	L-km	6.390%	38,21,22,000.00	88.362	43,24,506.01	88.362					
			(b) BC	L-km	4.540%	27,14,92,000.00	88.362	30,72,497.23	88.362					
			Sub Total-1					35.800%	2,14,08,40,000.00					
2	Culvert	28.27%	<b>C- New culverts, minor bridges, underpasses, over passes on existing road, realignments,</b>			-								
			(1) Culverts	No.	7.810%	46,70,38,000.00	190	24,58,094.74	190	40	21.05%	9,83,23,789.47		
			(2) Minor bridges			-								
	MNB		(a) Foundation	No.	5.520%	33,00,96,000.00	64	51,57,750.00	64					
			(b) Sub-structure	No.	4.800%	28,70,40,000.00	64	44,85,000.00	64					
			(c) Super-structure (including crash barriers etc. complete	No.	4.810%	28,76,38,000.00	64	44,94,343.75	64					
	Underpass		(5) Grade separated structures (a) Underpasses			-								
			(i) Foundation	No.	0.050%	29,90,000.00	16	1,86,875.00	16	4	25.00%	7,47,500.00		
			(ii) Sub-structure	No.	1.740%	10,40,52,000.00	16	65,03,250.00	16					
			(iii) Super-structure (including crash barriers etc. Complete)	No.		-	16	-	16					
			Pre Casting of Girders (40%)		0.068%	40,66,400.00								
			Remaining work of Super-structure (including crash barriers etc. Complete) ( 60%)		0.102%	60,99,600.00								
	Major Bridges works		<b>C- New Major Bridges</b>			-								
			(1) Pile/Well Foundation	No.	1.510%	9,02,98,000.00	12	75,24,833.33	12					
			(2) Sub-structure	No.	0.420%	2,51,16,000.00	12	20,93,000.00	12					
(3) Super-structure (including crash barriers etc. complete)		No.		-	12	-	12							
Pre Casting of Girders (40%)			0.720%	3,44,44,800.00	12	2870400	12							
Remaining work of Super-structure (including crash barriers etc. Complete) ( 60%)			0.720%	5,16,67,200.00	12	43,05,600.00	12							
Sub Total-2					28.270%	1,69,05,46,000.00						9,90,71,289.47		

**Package-III**

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**Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhyapradesh**

3	ROB Works	2.37%	<b>D - New rail-road bridges (a) ROB</b>			-								
			(1) Foundation	No.	0.570%	3,40,86,000.00	10	34,08,600.00	10					
			(2) Sub-structure	No.	0.330%	1,97,34,000.00	10	19,73,400.00	10					
			(3) Super-structure (including crash barriers etc.complete)	No.		-	10	-	10					
			Casting of Pre-Cast Girders (40%)		0.588%	3,51,62,400.00								
			Remaining work of Super-structure (including crash barriers etc. Complete) ( 60%)		0.882%	5,27,43,600.00								
<b>Sub Total-3</b>				<b>2.370%</b>	<b>14,17,26,000.00</b>									
4	Structures (Elevated sections, Reinforced Earth)	6.35%	(4) Reinforced Earth Wall (Includes Approaches of ROB, Underpasses, Overpasses, Flyover etc.)	Sqm.	6.350%	37,97,30,000.00	31412	12,088.69	31412					
<b>Sub Total-4</b>				<b>6.350%</b>	<b>37,97,30,000.00</b>									
5	Other Works	27.21%	(i) Service roads/ Slip Roads	km	0.850%	5,08,30,000.00	2708	18,770.31	2708					
			(ii) (a) Main Toll Plaza	No.	1.550%	9,26,90,000.00	1	9,26,90,000.00	1					
			(ii) (b) Toll Plaza on Entry & Exit Ramp	No.	2.940%	17,58,12,000.00	4	4,39,53,000.00	4					
			(iii) Road Side Drain (Unlined)	km	0.340%	2,03,32,000.00	88.902	2,28,701.27	88.902					
			(iv) Road signs, marking, Km stones, Safety Devices											
			(iv) (a) Road signs, marking, Km stones etc.	km	1.940%	11,60,12,000.00	88.902	13,04,942.52	88.902					
			(iv) (b) Concrete Crash Barrier/ W-Beam Crash Barrier in Road work	km	9.490%	56,75,02,000.00	151.500	37,45,887.79	151.500					
			(iv) (c) Steel Railing	km	0.080%	47,84,000.00	5.570	8,58,886.89	5.570					
			(v) (a) Bus Shelter	No.	0.020%	11,96,000.00	4	2,99,000.00	4					
			(v) (c) Truck Lay Bye cum Rest area	No.	0.920%	5,50,16,000.00	1	5,50,16,000.00	1					
			(v) (d) Electrification (Highway Lighting including lighting provisions at MCW, Slip Road, Service Road, Bus Bays, Truck Lay Bays, Junctions etc. as per Schedule-B, C & D. Nos. shall be finalized after finalization of lighting Plan & Design)	km	0.510%	3,04,98,000.00	46.100	6,61,561.82	46.100					
			(v) (e) Toilet Block	No.	0.210%	1,25,58,000.00	22	5,70,818.18	22					
			(vii) Road side/Median plantation	No.	0.840%	5,02,32,000.00	36880	1,362.04	36880					
			(viii) (a) Boulder Pitching on slopes	km	0.150%	89,70,000.00	0.825	1,08,72,727.27	0.825					
			(viii) (b) Toe Wall/Retaining wall/Boundary Wall	km	0.110%	65,78,000.00	2.600	25,30,000.00	2.600					
			(viii) (c) River Training Work	km	0.160%	95,68,000.00	0.825	1,15,97,575.76	0.825					
			(x) (c) Connecting Road	km	0.430%	2,57,14,000.00	3.295	78,03,945.37	3.295					
			(x) (d) Tree Cutting	km	0.020%	11,96,000.00	88.902	13,453.02	88.902	65.6	73.79%	8,82,517.83		
			(x) (e) (a) Major Junction	No.	0.220%	1,31,56,000.00	2	65,78,000.00	2					
			(x) (e) (b) Minor Junction	No.	0.180%	1,07,64,000.00	16	6,72,750.00	16					
			(x) (f) Rain Water Harvesting System	No.	0.210%	1,25,58,000.00	92	1,36,500.00	92					
(x) (h) ATMS	km	2.020%	12,07,96,000.00	46.100	26,20,303.69	46.100								
(x) (i) Pathway	km	0.270%	1,61,46,000.00	4.500	35,88,000.00	4.500								
(x) (j) Utility Shifting	km	3.750%	22,42,50,000.00	46.100	48,64,425.16	46.100								
<b>Sub Total-5</b>				<b>27.210%</b>	<b>1,62,71,58,000.00</b>								<b>8,82,517.83</b>	
<b>Total</b>				<b>100.00%</b>	<b>5,98,00,00,000.00</b>							<b>10.08%</b>	<b>60,27,37,129.16</b>	

## **10. Monitoring of maintenance obligations during construction phase**

### **10.1 Critical issue and action log**

1.ROB Add. land acquisition.

### **10.2 Cumulative defects and deficiencies**

Project highway work is up to the level of Earthwork, and no defects were noticed in the executed work of embankment and subgrade.

### **10.3 Status of damage**

Not applicable

**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 FEB -2023**

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 NHAJ 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	182	182	0	0	0	0	182	182	0	36	0	36	20	13	0	13
1.2	Grain size analysis	IS : 2720 (P-4)	As Required	182	182	0	0	0	0	182	182	0	36	0	36	20	13	0	13
1.3	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	As Required	182	182	0	0	0	0	182	182	0	36	0	36	20	13	0	13
1.4	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	As Required	182	182	0	0	0	0	182	182	0	36	0	36	20	13	0	13
1.5	4 days soaked CBR	IS : 2720 (P- 16)	As Required	0	0	0	0	0	0	0	0	0	0	0	0	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>	1038	1038	0	118	118	0	1156	1156	0	198	26	224	22	42	0	42
2.2	Grain size analysis	IS : 2720 (P-4)	2 tests / 3000 m <sup>3</sup>	1038	1038	0	118	118	0	1156	1156	0	198	26	224	22	42	0	42
2.3	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	2 tests / 3000 m <sup>3</sup>	1038	1038	0	118	118	0	1156	1156	0	198	26	224	22	42	0	42
2.4	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	2 tests / 3000 m <sup>3</sup>	1038	1038	0	118	118	0	1156	1156	0	198	26	224	22	42	0	42
2.5	4 days soaked CBR	IS : 2720 (P- 16)	1 test / 3000 m <sup>3</sup>	506	506	0	59	59	0	565	565	0	97	13	110	22	42	0	42
2.6	Soluble sulphate content	BS : 1337	1 test / per source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<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>	6426	6426	0	6577	6570	7	13003	12996	7	1169	1348	2517	20	0	0	0
3.2	Field density test on Emb.	IS : 2720 (P- 28)	1 set of tests /3000 m <sup>2</sup>	15574	15574	0	3687	3685	2	19261	19259	2	2797	811	3608	22	0	0	0
3.3	Field density test on Subgrade	IS : 2720 (P- 28)	1 set of tests / 2000 m <sup>2</sup>	271	271	0	5376	5376	0	5647	5647	0	51	1022	1073	18	0	0	0
3.4	Field density test on GSB	"	1 test / 1000 m <sup>2</sup>	0	0	0	195	195	0	195	195	0	0	41	41	21	0	0	0
3.5	Field density test on WMM	"	1 set of three / 1000 m <sup>2</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.6	Field density test on Earthen Shoulder	"	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
3.7	Field density test on Backfilling	"	1 set of 2test / 500 m <sup>2</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	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	71	71	0	28	28	0	99	99	0	14	7	21	25	0	0	0
4.2	Flakiness Index	IS : 2386 (P-1)	Weekly	13	13	0	4	4	0	17	17	0	4	1	5	25	0	0	0
4.3	Aggregate Impact Value	IS : 2386 (P-4)	Weekly	2	2	0	4	4	0	6	6	0	4	1	5	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
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	71	71	0	28	28	0	99	99	0	14	7	21	25	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



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 NHA1 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
4.12	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	71	71	0	28	28	0	99	99	0	14	7	21	25	0	0	0
5.2	Specific Gravity	IS : 2386 (P-3)	Test/Source	2	2	0	1	1	0	3	3	0	0	1	1	100	0	0	0
5.3	Water Absorption	IS : 2386 (P-3)	Test/Source	2	2	0	1	1	0	3	3	0	0	1	1	100	0	0	0
5.4	Deleterious Content (silt content)	IS : 2386 (P- 1&2)	As Required	25	25	0	6	6	0	31	31	0	5	1	6	17	0	0	0
5.5	Moisture correction	IS : 2386 (P-3)	Per Day	71	71	0	28	28	0	99	99	0	14	7	21	25	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</b>																			
<b>For M 10 Grade</b>																			
6.1	for 7 days	IS : 516	for 7 days	24	24	0	34	34	0	58	58	0	15	8	23	24	0	0	0
6.2	for 28 days	IS : 516	for 28 days	26	26	0	27	27	0	53	53	0	6	6	12	22	0	0	0
<b>For M 15 Grade</b>																			
6.3	for 7 days	IS : 516	for 7 days	19	19	0	3	3	0	22	22	0	13	1	14	33	0	0	0
6.4	for 28 days	IS : 516	for 28 days	22	22	0	0	0	0	22	22	0	15	0	15	0	0	0	0
<b>For M 20</b>																			
6.5	for 7 days	IS : 516	for 7 days	15	15	0	0	0	0	15	15	0	10	0	10	0	0	0	0
6.6	for 28 days	IS : 516	for 28 days	12	12	0	3	3	0	15	15	0	5	3	8	100	0	0	0
<b>For M 25 Grade</b>																			
6.7	for 7 days	IS : 516	for 7 days	49	49	0	90	90	0	139	139	0	18	15	33	17	0	0	0
6.8	for 28 days	IS : 516	for 28 days	31	31	0	69	69	0	100	100	0	28	15	43	22	0	0	0
<b>For M 30 Grade</b>																			
6.9	for 7 days	IS : 516	for 7 days	15	15	0	0	0	0	15	15	0	15	0	15	0	0	0	0
6.10	for 28 days	IS : 516	for 28 days	18	18	0	0	0	0	18	18	0	18	0	18	0	0	0	0
<b>For M 35 Grade</b>																			
6.11	for 7 days	IS : 516	for 7 days	18	18	0	0	0	0	18	18	0	18	0	18	0	0	0	0
6.12	for 28 days	IS : 516	for 28 days	21	21	0	9	9	0	30	30	0	21	0	21	0	0	0	0
<b>For M 35 (Pile) Grade</b>																			
6.11	for 7 days	IS : 516	for 7 days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.12	for 28 days	IS : 516	for 28 days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>For M 35 (RE-BLOCK) Grade</b>																			
6.11	for 7 days	IS : 516	for 7 days	0	0	0	3	3	0	3	3	0	0	3	3	100	0	0	0
6.12	for 28 days	IS : 516	for 28 days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>For M 40 Grade</b>																			
6.12	for 7 days	IS : 516	for 7 days	18	18	0	0	0	0	18	18	0	18	0	18	0	0	0	0
6.13	for 28 days	IS : 516	for 28 days	15	15	0	0	0	0	15	15	0	15	0	15	0	0	0	0
<b>For M 45 Grade</b>																			

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 I 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
6.14	for 7 days	IS : 516	for 7 days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.15	for 28 days	IS : 516	for 28 days	0	0	0	0	0	0	0	0	0	0	0	0	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	11	11	0	4	4	0	15	15	0	5	1	6	25	0	0	0
7.2	Normal consistency	IS : 4031 (P-4)	1 test / lot of cement	11	11	0	4	4	0	15	15	0	5	1	6	25	0	0	0
7.3	Initial, final setting times	IS : 4031 (P-5)	1 test / lot of cement	11	11	0	4	4	0	15	15	0	5	1	6	25	0	0	0
7.4	Soundness	IS : 4031 (P-3)	1 test / lot of cement	11	11	0	4	4	0	15	15	0	5	1	6	25	0	0	0
7.5	Compressive strength - 3 days	IS : 4031 (P-6)	for 3 days	10	10	0	4	4	0	14	14	0	3	1	4	25	0	0	0
	- 7 days	"	for 7 days	11	11	0	4	4	0	15	15	0	3	1	4	25	0	0	0
	- 28 days	"	for 28 days	11	11	0	4	4	0	15	15	0	3	1	4	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
<b>9.0 Steel</b>		<b>MORTH 1000</b>																	
9.1	Physical Properties	IS : 1786		6	6	0	0	0	0	6	6	0	6	0	6	0	0	0	0
9.2	Chemical Properties	IS : 1786		6	6	0	0	0	0	6	6	0	6	0	6	0	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		3	3	0	0	0	0	3	3	0	3	0	3	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.	5	5	0	35	35	0	40	40	0	5	7	12	20	0	0	0
13.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 Test /400 cu.m.	1	1	0	35	35	0	36	36	0	1	7	8	20	0	0	0
13.3	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	Test/Source	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
13.4	4 days soaked CBR	IS : 2720 (P- 16)	Test/Source	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
13.5	Water Absorption	IS : 2720 (P-3)	Test/Source	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
13.6	A.I.V	IS : 2386 (P-4)	As Required	1	1	0	5	5	0	6	6	0	1	1	2	20	0	0	0
<b>Total</b>				28403	28403	0	16835	16826	9	45238	45229	9	5392	3445	8837		262	0	262

Total Tests Conducted this Month	16835
Total Tests Witnessed by IE's this Month	3445
Total Test Witnessed by IE's in % this	<b>20.46%</b>

Total Tests Conducted this Month	16835
Total Tests Witnessed by NHA I this	0
Total Test Witnessed by NHA I in %	<b>0.00%</b>

Concessionaire's Representative

Independent Engineer's Representative

**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.**

**Weather Report for the Month of FEB-2023**

SL. NO.	DATE	TEMPERATURE		REL.		WEATHER	RAIN FALL (mm)	CUMM. RAIN FALL	REMARKS
		MIN.	MAX.	MIN.	MAX.				
1	01.02.2023	12.8	24.4	48	61	SUNNY	0		
2	02.02.2023	11.7	26.3	47	65	SUNNY	0		
3	03.02.2023	12.0	25.3	46	66	SUNNY	0		
4	04.02.2023	10.0	23.1	43	60	SUNNY	0		
5	05.02.2023	15.3	29.3	41	58	SUNNY	0		
6	06.02.2023	14.8	28.6	47	62	SUNNY	0		
7	07.02.2023	16.5	30.3	45	60	SUNNY	0		
8	08.02.2023	13.8	27.5	47	63	SUNNY	0		
9	09.02.2023	16.1	31.8	40	56	SUNNY	0		
10	10.02.2023	17.0	32.5	49	63	SUNNY	0		
11	11.02.2023	18.9	33.5	44	56	SUNNY	0		
12	12.02.2023	16.9	30.3	49	59	SUNNY	0		
13	13.02.2023	17.9	35.9	43	57	SUNNY	0		
14	14.02.2023	16.9	33.6	46	60	SUNNY	0		
15	15.02.2023	17.4	34.1	41	58	SUNNY	0		
16	16.02.2023	16.9	34.4	43	49	SUNNY	0		
17	17.02.2023	17.2	34.2	47	61	SUNNY	0		
18	18.02.2023	17.8	33.8	44	59	SUNNY	0		
19	19.02.2023	17.4	34.1	45	60	SUNNY	0		
20	20.02.2023	16.8	32.9	44	64	SUNNY	0		
21	21.02.2023	16.4	34.0	46	61	SUNNY	0		
22	22.02.2023	16.7	34.9	47	62	SUNNY	0		
23	23.02.2023	15.9	31.4	42	60	SUNNY	0		
24	24.02.2023	13.7	27.2	46	63	SUNNY	0		
25	25.02.2023	17.0	33.2	48	62	SUNNY	0		
26	26.02.2023	16.5	32.4	43	63	SUNNY	0		
27	27.02.2023	17.5	34.7	44	61	SUNNY	0		
28	28.02.2023	14.3	31.7	41	60	SUNNY	0		
<b>Totally This Month Rain Fall</b>									
<b>Rain Fall (in mm)</b>						<b>This Month</b>			

**Construction of 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 (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhyapradesh**

**11.2 ACCIDENT DATA REPORT- February-2023**

Stretch:- 89+236 To 135+351

Stretch Chainage:- Suhagada to Baradiya Amra

State:- M.P.

District:- Mandasur & Jhalawar

Police Station:- Shamgarh,Garoth,Suwasara,Dug

Sl. No.	Date (DD:MM:YY)	Location: Chainage /Km	Time of Accident (AM/PM)	A*	B*	C*	D*	E*	F*	G*	H*	J*		No. of Persons Affected				No. of Animals Killed if any	Help provided by the ambulance/ patrol vehicles	Remarks
				Accident Location	Nature of Accident	Classification of Accident	Causes	Road Feasture	Road Condition	Intersection Type	Weather Condition	Vehicle Type/ Pedestrian Involved		Fatal	Grevious Injury	Minor Injury	Not Injured			
												Vehical Registration No.	Vehicle Type							
Up to End of February-2023, no accident was occurred																				

Concessionaire Representative

Independent Engineer Representative

\* Legend: Use notations given here to fill the data in the columns

A. Urban/Rural and Details of Surrounding Landuse.

B.1-Overturning, 2-Head on Collision, 3-Rear End Collision, 4-Collision Brush/Side Wipe, 5-Right Turn Collision, 6-Skidding,, 7-Left Turn Collision, 8-Others (PI. Specify)

C.1-Fatal, 2-Grovious Injury, 3-Minor Injured, 4-Non Injury.

D. 1-Drunken, 2-Overspeeding, 3-Vehicle out of control, 4-Fault of driver of motor vehicle/cyclist/passenger, 5-Defect in mechanical condition of motor vehicle /road condition.

E. 1-single lane, 2-two lanes, 3-three lanes of more without central divider, 4-Four lanes or more with central divider

F. 1-Single lane, 2-slight curve, 3-Sharp curve, 4-Flat Road, 5-Gentle incline, 6-Steep incline, 7-Hump, 8-Dip.

G. 1-TJunction, 2-Y Junction, 3-Four arm Junction, 4-Staggered Junction, 5-Junction with more than four arms, 6-Roundabout junction, 7-Manned Rail crossing, 8-Unmanned Rail crossing.

H. 1-Fine, 2-Mist/Fog, 3-Cloudy, 4-Light rain, 5-Heavy rain, 6-Hail/Sleet, 7-Snow, 8-Strong Wind, 9-Dust Storm, 10-Very Hot, 11-Very cold, 12-Other extraordinary weather condition.

J. 1-Car, 2-SUV, 3-Bus, 4-Mini bus, 5-Truck, 6-2Wheelar, 7-3Wheelar, 8-Cylce, 9-Pedestrian.

## 12. Visit & Meeting

S.N.	Date	Visit & Meeting
1.	26.08.2022	Manager Tech.(NHAI PIU Ujjain) inspected the project site of Package-III
2.	01.11.2022	Team Leader inspected the project site of Package-III
3.	08.11.2022	Project Director NHAI PIU Ujjain) inspected the project site of Package-III
4.	17.11.2022	Project Director (NHAI PIU Ujjain) inspected the project site of Package-III
5.	03.12.2022	Project Director (NHAI PIU Ujjain) inspected the project site of Package-III
6	16.12.2022	DRB NHAI inspected the project site of Package-III
7	23.12.2022	Team Leader inspected the project site of Package-III
8	16.01.2023	Project Director (NHAI PIU Ujjain) inspected the project site of Package-III
9	17.01.2023	RO Bhopal inspected the project site of Package-III

**Correspondence Detail****Detail of Incoming Letters-IE**

Sr. No.	Letter No.	Date	Description
1	LNMIPL/Ujjain-Garoth/2022-23/224/U-G-3	02.02.2023	Joint Monthly Site Inspection Report for the Month of January 2023.
2	LNMIPL/Ujjain-Garoth/2022-23/232/U-G-3	04.02.2023	Approval of Borrow Area No.-17.
3	LNMIPL/Ujjain-Garoth/2022-23/233/U-G-3	04.02.2023	The approval of Mix design of Concrete Grade (M-10 PCC & M-15 PCC with Nuvovo Cement and Rheoplast PC-2 Admixture.
4	LNMIPL/Ujjain-Garoth/2022-23/234/U-G-3	04.02.2023	The approval of Mix design of Concrete Grade M-25 RCC with Nuvoco Cement and Rheoplast PC-2 Admixture.
5	LNMIPL/Ujjain-Garoth/2022-23/235/U-G-3	04.02.2023	The approval of Mix design of Concrete Grade (M-30 RCC with Nuvoco Cement and Rheoplast PC-2 Admixture.
6	LNMIPL/Ujjain-Garoth/2022-23/236/U-G-3	04.02.2023	The approval of Mix design of Concrete Grade M-35 RCC with Nuvoco Cement and Rheoplast PC-2 Admixture.
7	LNMIPL/Ujjain-Garoth/2022-23/237/U-G-3	04.02.2023	The approval of Mix design of Concrete Grade M-40 RCC with Nuvoco Cement and Rheoplast PC-2 Admixture.
8	LNMIPL/PD/NHAI/Ujjain-garoth/2022-23/244/U-G-3	07.02.2023	Submission of IE's Monthly progress Report (MPR)-05 for the Month of January 2023
9	LNMIPL/PD/NHAI/Ujjain-garoth/2022-23/253/U-G-3	10.02.2023	Request to consider a suitable diversion (Ch. 113+600) or to increase the height of bridge culvert underpass being constructed by NHAI on the connecting road of Avengers Solar Plant between the State
10	LNMIPL/PD/NHAI/Ujjain-garoth/2022-23/254/U-G-3	10.02.2023	Submission of Schedule -G
11	LNMIPL/Ujjain-Garoth/2022-23/256/U-G-3	11.02.2023	Regarding- At CH 121+000 to 121+200 BHS the material dumped and sprayed laying over size material more than (150 mm to 200 mm) (Closure of NCR # 04).
12	LNMIPL/Ujjain-Garoth/2022-23/257/U-G-3	11.02.2023	Regarding- At CH 94+200 to 94+400 BHS the material dumped and sprayed laying over size material more than (150 mm to 200 mm) (Closure of NCR # 05).

**Package-III****Monthly Progress Report February- 2023****Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhyapradesh**

13	LNMIPPL/Ujjain-Garoth/2022-23/258/U-G-3	11.02.2023	Regarding- At CH 116+330 to 116+550 BHS the material dumped and sprayed laying over size material more than (150 mm to 200 mm) (Closure of NCR # 07).
14	LNMIPPL/Ujjain-Garoth/2022-23/259/U-G-3	11.02.2023	Regarding- At CH 115+240 to 115+370 RHS the material dumped and sprayed laying over size material more than (150 mm to 200 mm) (Closure of NCR # 08).
15	LNMIPPL/Ujjain-Garoth/2022-23/263/U-G-3	14.02.2023	Approval of Borrow Area No.-18.
16	LNMIPPL/Ujjain-Garoth/2022-23/264/U-G-3	14.02.2023	The approval of Mix design of Concrete Grade M-35 RCC with Nuvoco Cement and Moleplast PC75M) Admixture.
17	LNMIPPL/Ujjain-Garoth/2022-23/265/U-G-3	14.02.2023	The approval of Mix design of Concrete Grade M-25 RCC with Nuvoco Cement and Moleplast PC75M) Admixture.
18	LNMIPPL/Ujjain-Garoth/2022-23/266/U-G-3	14.02.2023	Approval of Borrow Area No.-19.
19	LNMIPPL/Ujjain-Garoth/2022-23/267/U-G-3	15.02.2023	The approval of Mix design of Concrete Grade M-40 RCC with Nuvoco Cement and Moleplast PC75M) Admixture.
20	LNMIPPL/Ujjain-Garoth/2022-23/268/U-G-3	15.02.2023	The approval of Mix design of Concrete Grade M-30 RCC with Nuvoco Cement and Moleplast PC75M) Admixture.
21	LNMIPPL/Ujjain-Garoth/2022-23/269/U-G-3	15.02.2023	The approval of Mix design of Concrete Grade M-10, M-15, M-20 PCC with Nuvoco Cement and Moleplast PC75M) Admixture.
22	LNMIPPL/Ujjain-Garoth/2022-23/272/U-G-3	16.02.2023	Submission review of revised Pavement Design Report.
23	LNMIPPL/Ujjain-Garoth/2022-23/277/U-G-3	20.02.2023	Regarding- Monthly Joint Site Inspection for the Month of February 2023 as per Clause 13.2, Article 13 of the Concession Agreement.
24	LNMIPPL/PD/NHAI/Ujjain-garoth/2022-23/282/U-G-3	20.02.2023	Submission of 2nd Payment Milestone Bill.
25	LNMIPPL/PD/NHAI/Ujjain-garoth/2022-23/287/U-G-3	21.02.2023	Construction of VUP at Village Piplya Tehsil Suwasara Dist. Mandsaur (M.P)
26	LNMIPPL/Ujjain-Garoth/2022-23/295/U-G-3	23.02.2023	Approval of Borrow Area No.-20.
27	LNMIPPL/Ujjain-Garoth/2022-23/296/U-G-3	24.02.2023	Non-submission of Structural Drawings for approval.
28	LNMIPPL/PD/NHAI/Ujjain-garoth/2022-23/299/U-G-3	25.02.2023	Avenue Plantation Deatils of Ujjain Garoth Project.
29	LNMIPPL/PD/NHAI/Ujjain-garoth/2022-23/300/U-G-3	25.02.2023	PMGSY Road length used by Conc. for Borrow Area
30	LNMIPPL/PD/NHAI/Ujjain-garoth/2022-23/306/U-G-3	28.02.2023	Regarding -Submission of 2nd Payment Milestone Bill.
31	LNMIPPL/Ujjain-Garoth/2022-23/309/U-G-3	28.02.2023	Joint Monthly Site Inspection Report for the month of Jan. 2023.

**Detail of Incoming Letters-NHAI**

Sr. No.	Letter No.	Date	Description
1	NHAI/PIU/Ujjain/datalake/2023/254	02.02.2023	Noncompliance report
2	NHAI/PIU/UJJAIN/UG-III/IE/2023/269	04.02.2023	Request to consider a suitable diversion (Ch. 113+600) or to increase the height of bridge culvert underpass being constructed by NHAI on the connecting road of Avengers Solar Plant between the State
3	NHAI/PIU/UJJAIN/UG-III/IE/2023/272	04.02.2023	Submission of Schedule-G
4	NHAI/PIU/UJJAIN/UG-III/2023/327	15.02.2023	Gram pipalya tahsil suwasara jila mandsaar me VUP bnae jane ke sambandh me
5	NHAI/PIU/UJJAIN/UG/LNMIPPL/Gen/2023/344	16.02.2023	Submission of Pavement Crust Design Report
6	NHAI/PIU/UJJAIN-GAROTH/TREE CUTTING/2023/378	20.02.2023	SDM Gagdhar Tree Cutting
7	NHAI/PIU/Dug/Atikraman/2023/389	20.02.2023	Prabhavit bhumi par atikraman hatakar kabja dilane ke sambandh me
8	NHAI/PIU/Dug/Atikraman/2023/390	20.02.2023	Prabhavit bhumi par atikraman hatakar kabja dilane ke sambandh me
9	NHAI/PIU/UJJAIN/UG/PKG-III/2023/393	20.02.2023	Regarding inspection/check survey of EHT Line
10	NHAI/PIU/Suwasara/atikraman/2023/446	28.02.2023	Prabhavit bhumi par atikraman hatakar kabja dilane ke sambandh me
11	NHAI/PIU/UJJAIN/UG-III/ROB/2023/447	28.02.2023	Approval of design & drawing of ROB



**Correspondence Detail****Detail of Outgoing Letters**

Sr. No.	Letter No.	Date	Description
1	MKC UGMH Pvt.Ltd./2022-23/143	03-02-2023	Regarding Forcefully possession of land NH 148 NG.
2	MKC UGMH Pvt.Ltd./2022-23/144	04-02-2023	Re submission of plan & profile drawing (89+000 to 135+351)
3	MKC UGMH Pvt.Ltd./2022-23/145	04-02-2023	Closure of NCR No.4 Over Sized Material in Embankment filling.
4	MKC UGMH Pvt.Ltd./2022-23/146	04-02-2023	Regarding joint Survey of Electrical utility Line
5	MKC UGMH Pvt.Ltd./2022-23/147	05-02-2023	Submission of Concrete Mix Design.
6	MKC UGMH Pvt.Ltd./2022-23/148	05-02-2023	Closure of NCR No.7 Over Sized Material in Embankment filling.
7	MKC UGMH Pvt.Ltd./2022-23/149	05-02-2023	Closure of NCR No.5 Over Sized Material in Embankment filling.
8	MKC UGMH Pvt.Ltd./2022-23/150	06-02-2023	Submission of Monthly Progress Report.
9	MKC UGMH Pvt.Ltd./2022-23/151	06-02-2023	Closure of NCR No.8 Over Sized Material in Embankment filling.
10	MKC UGMH Pvt.Ltd./2022-23/155	10-02-2023	Submission of of Profile and credential of Virendra Textiles (Geo Textile, Geo Composite, Geo Strap & Geo Grid)).
11	MKC UGMH Pvt.Ltd./2022-23/156	10-02-2023	Submission of Borrow Area No.19 Test Result for Approval.
12	MKC UGMH Pvt.Ltd./2022-23/157	10-02-2023	Submission of Concrete Mix Design M-25.
13	MKC UGMH Pvt.Ltd./2022-23/158	10-02-2023	Submission of Concrete Mix Design M-30.
14	MKC UGMH Pvt.Ltd./2022-23/159	10-02-2023	Submission of Concrete Mix Design M-35.
15	MKC UGMH Pvt.Ltd./2022-23/160	10-02-2023	Submission of Concrete Mix Design M-40.
16	MKC UGMH Pvt.Ltd./2022-23/161	10-02-2023	Submission of Borrow Area no.18 Test Result for Approval.
17	MKC UGMH Pvt.Ltd./2022-23/162	10-02-2022	Submission of typical design & drawing for 1x2x2 box culvert (3m to 5m fill)
18	MKC UGMH Pvt.Ltd./2022-23/164	13-02-2023	Closure of NCR No. 6
19	MKC UGMH Pvt.Ltd./2022-23/165	13-02-2023	Regarding Inspection Check Survey and Estimate Preparation.
20	MKC UGMH Pvt.Ltd./2022-23/166	13-02-2023	Submission of Drone Videography.
21	MKC UGMH Pvt.Ltd./2022-23/167	17-02-2023	Closure of NCR No. 9
22	MKC UGMH Pvt.Ltd./2022-23/168	17-02-2023	Closure of NCR No. 10
23	MKC UGMH Pvt.Ltd./2022-23/169	17-02-2023	Closure of NCR No. 11
24	MKC UGMH Pvt.Ltd./2022-23/170	17-02-2023	Notice of Achievement of Payment Milestone-II-pursuant to Clause 23.4 of Schedule G of Concession Agreement.

**Package-III****Monthly Progress Report February- 2023****Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhyapradesh**

25	MKC UGMH Pvt.Ltd./2022-23/171	17-02-2023	Submission of 2nd Milestone Payment Certificate.
26	MKC UGMH Pvt.Ltd./2022-23/172	18-02-2023	Regarding Pavement Crust Design Report
27	MKC UGMH Pvt.Ltd./2022-23/173	18-02-2023	Regarding Achievement of Payment Milestone 1st & 2nd.
28	MKC UGMH Pvt.Ltd./2022-23/174	21-02-2023	Submission of Borrow Area Test Result for Approval.
29	MKC UGMH Pvt.Ltd./2022-23/175	21-02-2023	Submission of Profile and credential of Bitumen (Hexatron).
30	MKC UGMH Pvt.Ltd./2022-23/178	22-02-2023	Submission of Third-party test reports for source approval.
31	MKC UGMH Pvt.Ltd./2022-23/180	22-02-2023	Submission of Revised Design & Drawings of 10 Nos. of MNB's
32	MKC UGMH Pvt.Ltd./2022-23/181	22-02-2023	Submission of Design and Drawing of ROB at Ch.127+197 vetted by SVNIT Surat
33	MKC UGMH Pvt.Ltd./2022-23/182	25.02.2023	Submission of Borrow Area Test Result for Approval.
34	MKC UGMH Pvt.Ltd./2022-23/184	27.02.2023	Submission of Typical Design and Drawing of RCC Crash Barrier
35	MKC UGMH Pvt.Ltd./2022-23/185	28.02.2023	Compliance on Inspection Report for the Month of January-2023.
36	MKC UGMH Pvt.Ltd./2022-23/186	28.02.2023	Revise Submission of 2nd Milestone Payment Certificate

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						89+200						
						89+300						
						89+400						
						89+500						
						89+600						
						89+700						
						89+800						
						89+900						
						90+000						
						90+100						
						90+200						
						90+300						
						90+400						
						90+500						
						90+600						
						90+700						
						90+800						
						90+900						
						91+000						
						91+100						
						91+200						
						91+300						
						91+400						
						91+500						
						91+600						
						91+700						
						91+800						
						91+900						
						92+000						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						92+100						
						92+200						
						92+300						
						92+400						
						92+500						
						92+600						
						92+700						
						92+800						
						92+900						
						93+000						
						93+100						
						93+200						
						93+300						
						93+400						
						93+500						
						93+600						
						93+700						
						93+800						
						93+900						
						94+000						
						94+100						
						94+200						
						94+300						
						94+400						
						94+500						
						94+600						
						94+700						
						94+800						
						94+900						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						95+000						
						95+100						
						95+200						
						95+300						
						95+400						
						95+500						
						95+600						
						95+700						
						95+800						
						95+900						
						96+000						
						96+100						
						96+200						
						96+300						
						96+400						
						96+500						
						96+600						
						96+700						
						96+800						
						96+900						
						97+000						
						97+100						
						97+200						
						97+300						
						97+400						
						97+500						
						97+600						
						97+700						
						97+800						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						97+900						
						98+000						
						98+100						
						98+200						
						98+300						
						98+400						
						98+500						
						98+600						
						98+700						
						98+800						
						98+900						
						99+000						
						99+100						
						99+200						
						99+300						
						99+400						
						99+500						
						99+600						
						99+700						
						99+800						
						99+900						
						100+000						
						100+100						
						100+200						
						100+300						
						100+400						
						100+500						
						100+600						
						100+700						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						100+800						
						100+900						
						101+000						
						101+100						
						101+200						
						101+300						
						101+400						
						101+500						
						101+600						
						101+700						
						101+800						
						101+900						
						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						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						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						



# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						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						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						109+500						
						109+600						
						109+700						
						109+800						
						109+900						
						110+000						
						110+100						
						110+200						
						110+300						
						110+400						
						110+500						
						110+600						
						110+700						
						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						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						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						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						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						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						118+200						
						118+300						
						118+400						
						118+500						
						118+600						
						118+700						
						118+800						
						118+900						
						119+000						
						119+100						
						119+200						
						119+300						
						119+400						
						119+500						
						119+600						
						119+700						
						119+800						
						119+900						
						120+000						
						120+100						
						120+200						
						120+300						
						120+400						
						120+500						
						120+600						
						120+700						
						120+800						
						120+900						
						121+000						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						121+100						
						121+200						
						121+300						
						121+400						
						121+500						
						121+600						
						121+700						
						121+800						
						121+900						
						122+000						
						122+100						
						122+200						
						122+300						
						122+400						
						122+500						
						122+600						
						122+700						
						122+800						
						122+900						
						123+000						
						123+100						
						123+200						
						123+300						
						123+400						
						123+500						
						123+600						
						123+700						
						123+800						
						123+900						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						124+000						
						124+100						
						124+200						
						124+300						
						124+400						
						124+500						
						124+600						
						124+700						
						124+800						
						124+900						
						125+000						
						125+100						
						125+200						
						125+300						
						125+400						
						125+500						
						125+600						
						125+700						
						125+800						
						125+900						
						126+000						
						126+100						
						126+200						
						126+300						
						126+400						
						126+500						
						126+600						
						126+700						
						126+800						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						126+900						
						127+000						
						127+100						
						127+200						
						127+300						
						127+400						
						127+500						
						127+600						
						127+700						
						127+800						
						127+900						
						128+000						
						128+100						
						128+200						
						128+300						
						128+400						
						128+500						
						128+600						
						128+700						
						128+800						
						128+900						
						129+000						
						129+100						
						129+200						
						129+300						
						129+400						
						129+500						
						129+600						
						129+700						



# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						129+800						
						129+900						
						130+000						
						130+100						
						130+200						
						130+300						
						130+400						
						130+500						
						130+600						
						130+700						
						130+800						
						130+900						
						131+000						
						131+100						
						131+200						
						131+300						
						131+400						
						131+500						
						131+600						
						131+700						
						131+800						
						131+900						
						132+000						
						132+100						
						132+200						
						132+300						
						132+400						
						132+500						
						132+600						

# UJJAIN-GAROTH PKG-III

## HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	CTB	CTSB	SG 2	C&G		C&G	SG 2	CTSB	CTB	DBM	BC
						132+700						
						132+800						
						132+900						
						133+000						
						133+100						
						133+200						
						133+300						
						133+400						
						133+500						
						133+600						
						133+700						
						133+800						
						133+900						
						134+000						
						134+100						
						134+200						
						134+300						
						134+400						
						134+500						
						134+600						
						134+700						
						134+800						
						134+900						
						135+000						
						135+100						
						135+200						
						135+300						
						135+400						

# MKC UGMHPL PKG-III Site Photograph



Sub-Grade Top at ch. 97+800 To 98+540 BHS



Watering on Embankment Layer at Ch. 91+800 to 92+100



Box Culvert PCC Work in Progress



Shot on OnePlus  
BY: E. K.K. 2023.02.13 16:09

Back Filling Work in Box Culvert at ch. 106+650



Embankment 6th Layer FDD Checking at Ch. 116+480 to 116+520 RHS



Cube Test at Ch. 117+240 BHS





Safety Arrangement at Site