



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 – (April-2023)

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Ujjain-Garoth Pkg-III**Monthly Progress Report April-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 April 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	30.48%	20.05%	9.34%	2.39%	39.82%	22.44%
Financial Progress (Certified IPC)	30.48%	20.05%	9.34%	0.00%	39.82%	20.05%
Expenditure (In Cr)	182.27	119.90	55.85	0.00	238.12	119.90

* 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**

2. Length completed by layer (MCW)		
	Length (Km)	% Total
Total Length	46.115	-
Total Length Completed (Till BC)		%
BC		
DBM	2.86	6.20%
WMM	6.35	13.76%
GSB	7.77	16.84%
Sub-Grade	33.46	72.56%

3. Length completed by layer (Service Road)		
	Length (Km)	% Total
Total Length	1.354	-
Total Length Completed (Till BC)		0%
BC		0%
DBM		0%
WMM		0%
GSB		0%
Sub-Grade		0%

1.2(B) Structures:

Type of Structure	NOS	In-progress	Completed	Balance to be Executed
Culverts	95	7	56	32
SVUP	3	1	1	1
LVUP	3	1	2	0
VUP	2	0	0	2
ROB	1	0	0	1
Minor Bridge	32	11	3	18
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 1.86 Km balance length of main carriageway, 1.020 Km of ROB & 0.230 Km of Ramp for Toll Plaza.

2. Project Overview

2.1 Salient Feature of Project

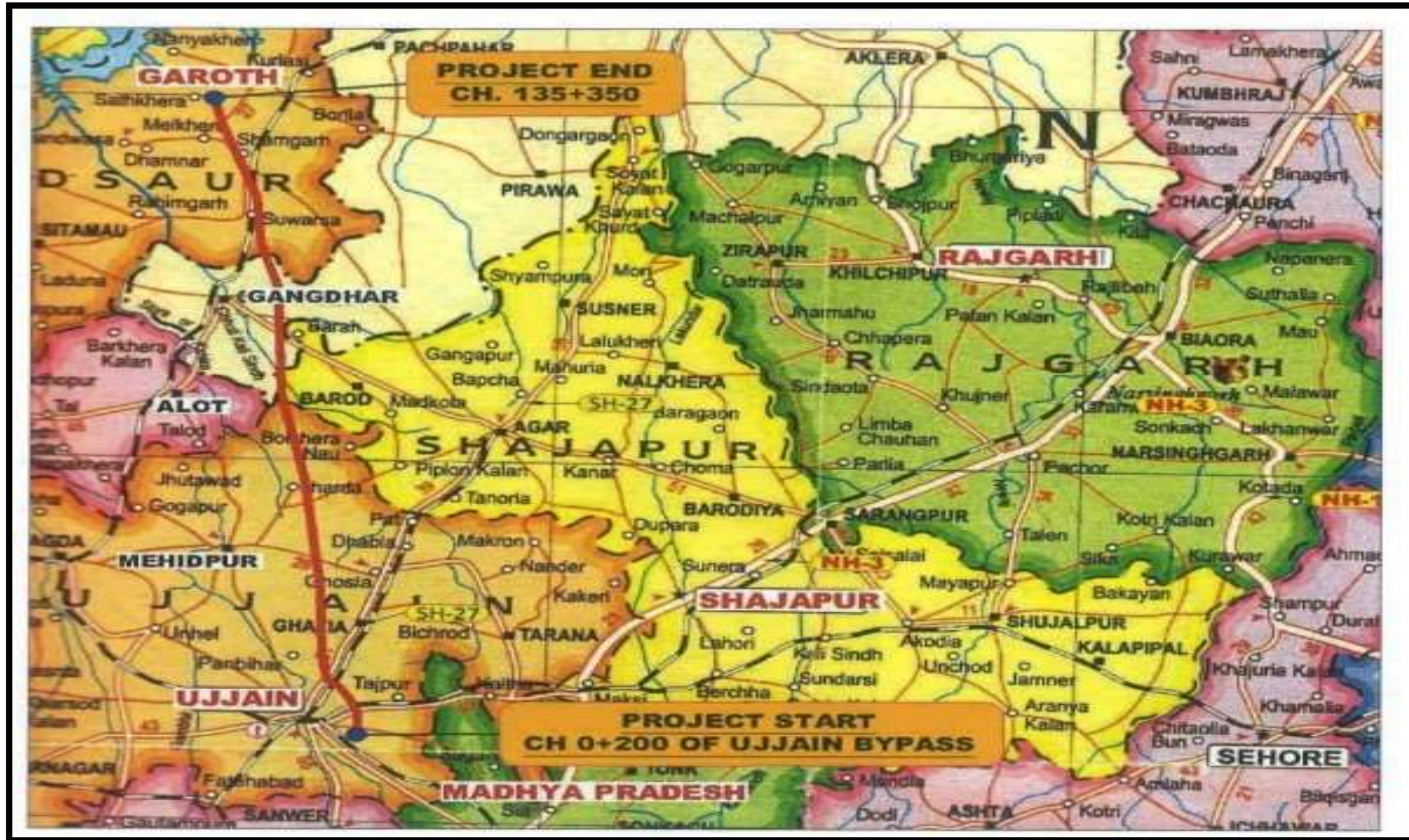
S.N.	Details	
1	Project	Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of Madhyapradesh: (Package-III)
2	NH No.	148NG
3	Mode of Execution	HAM
4	Client/ Authority	National Highways Authority of India
5	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 th February 2023	31 st March 2023	Achieved on dated 31.03.2023
Milestone-II	300 th Days from the Appointment Date and the Financial Progress not less than 35% of Contract Price	13 th August 2023	-	In Progress
Milestone-III	404 th Days from the Appointment Date and the Financial Progress not less than 75% of Contract Price	25 th November 2023	-	
Milestone-IV Scheduled completion Date	610 th Days from the Appointment Date and the Financial Progress not less than 100% of Contract Price	18 th June 2024		

2. Project Overview

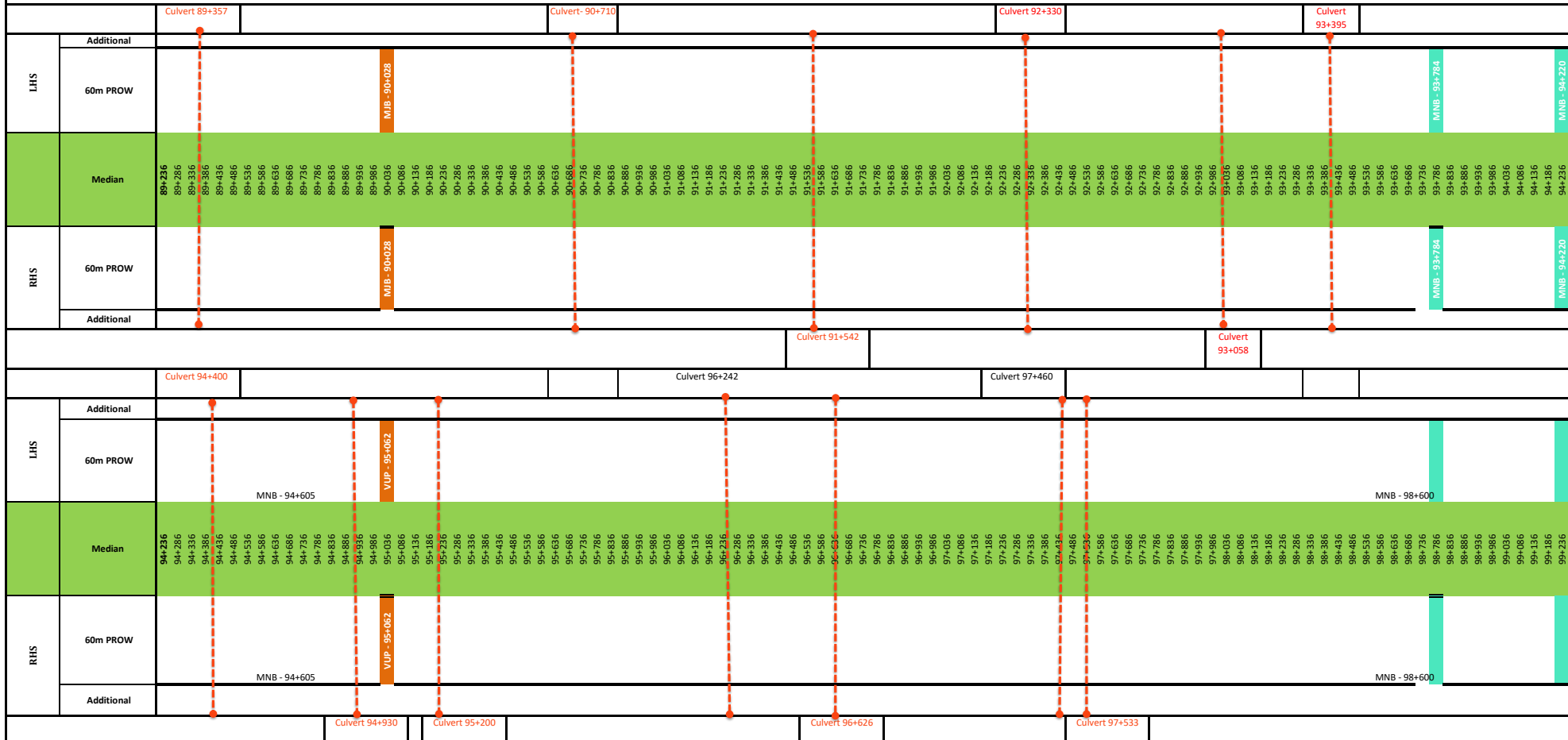
2.1 Location Map



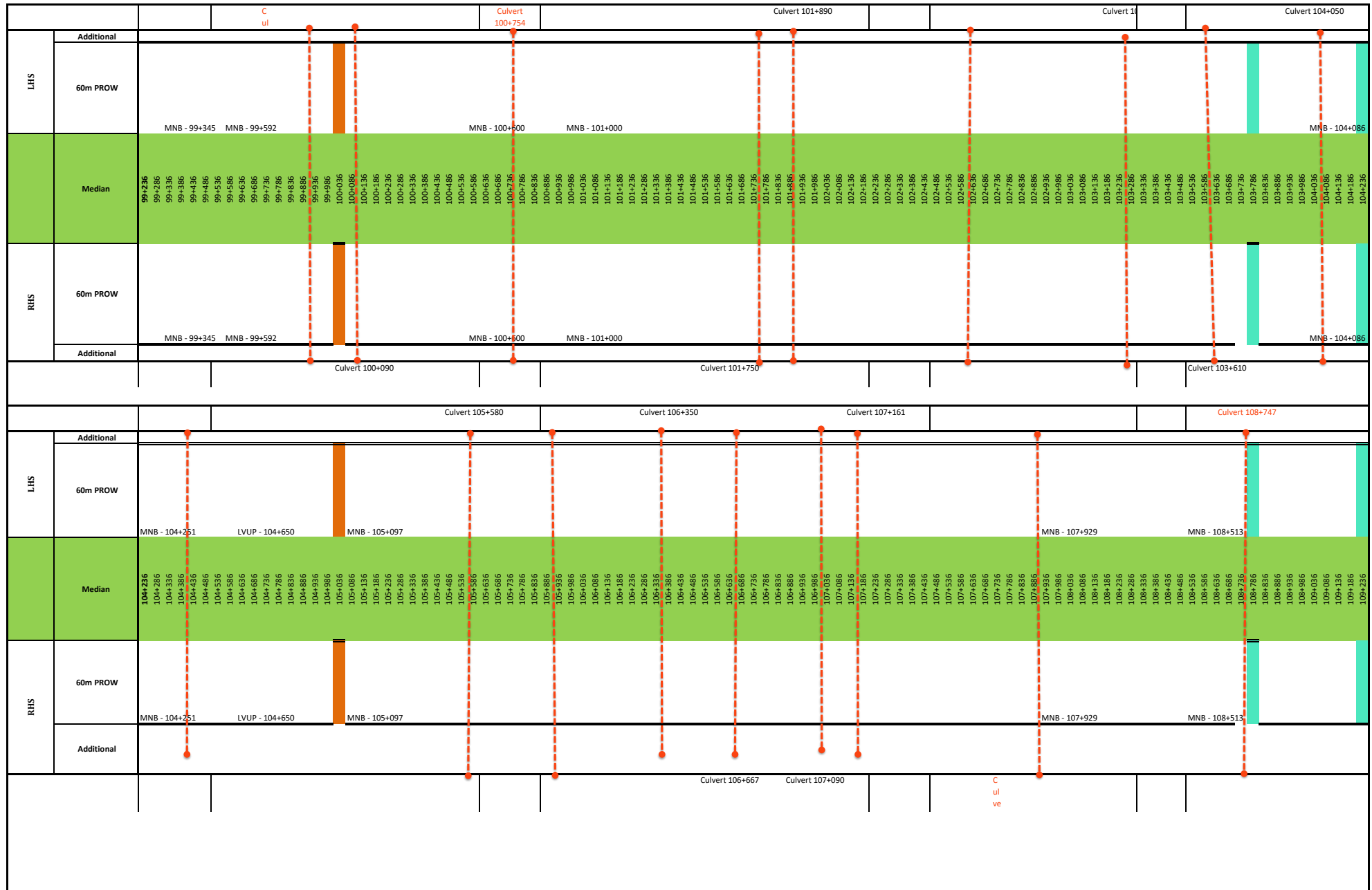
Package-III
Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhyapradesh

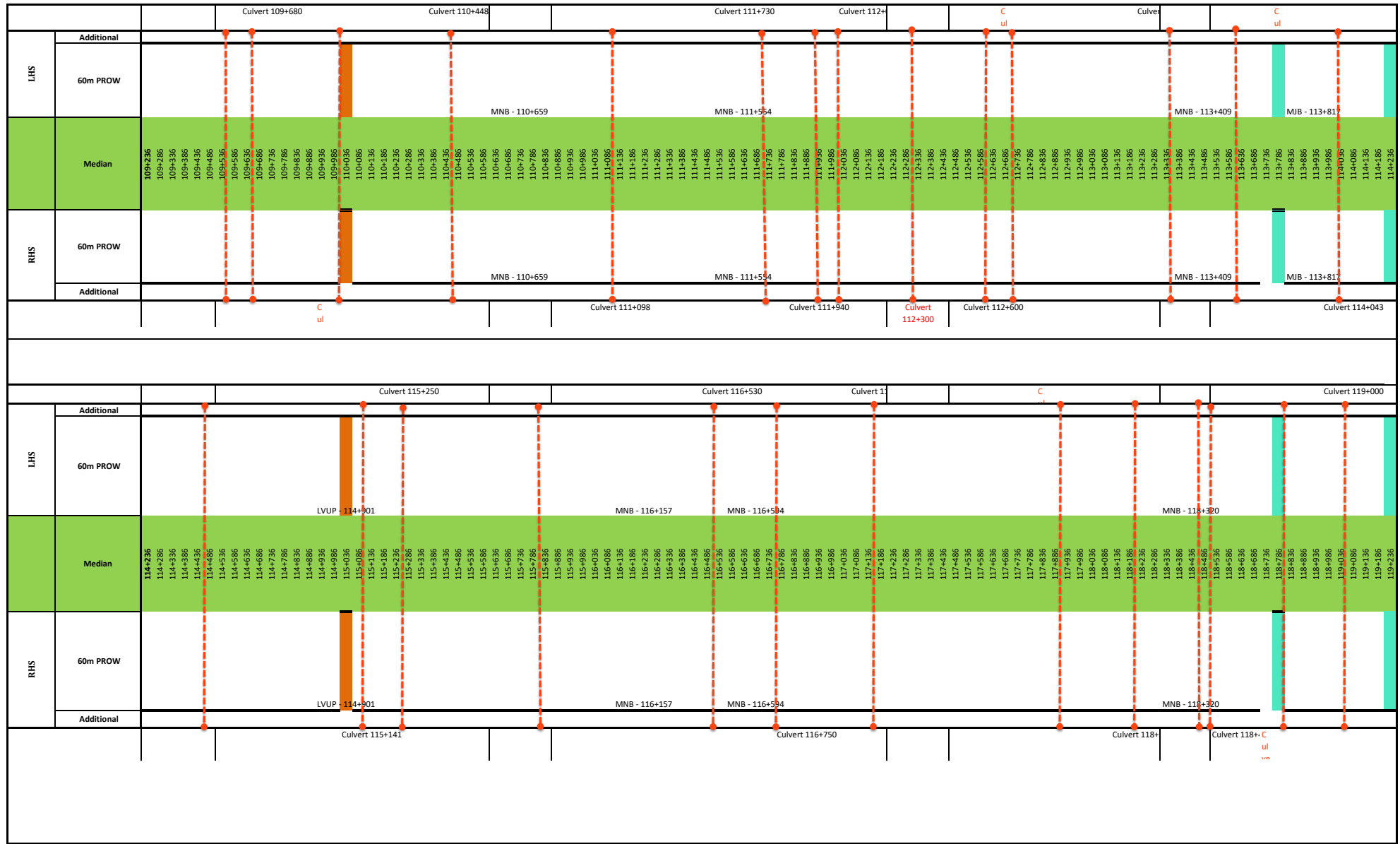
STRIP CHART PRESENTING SOW

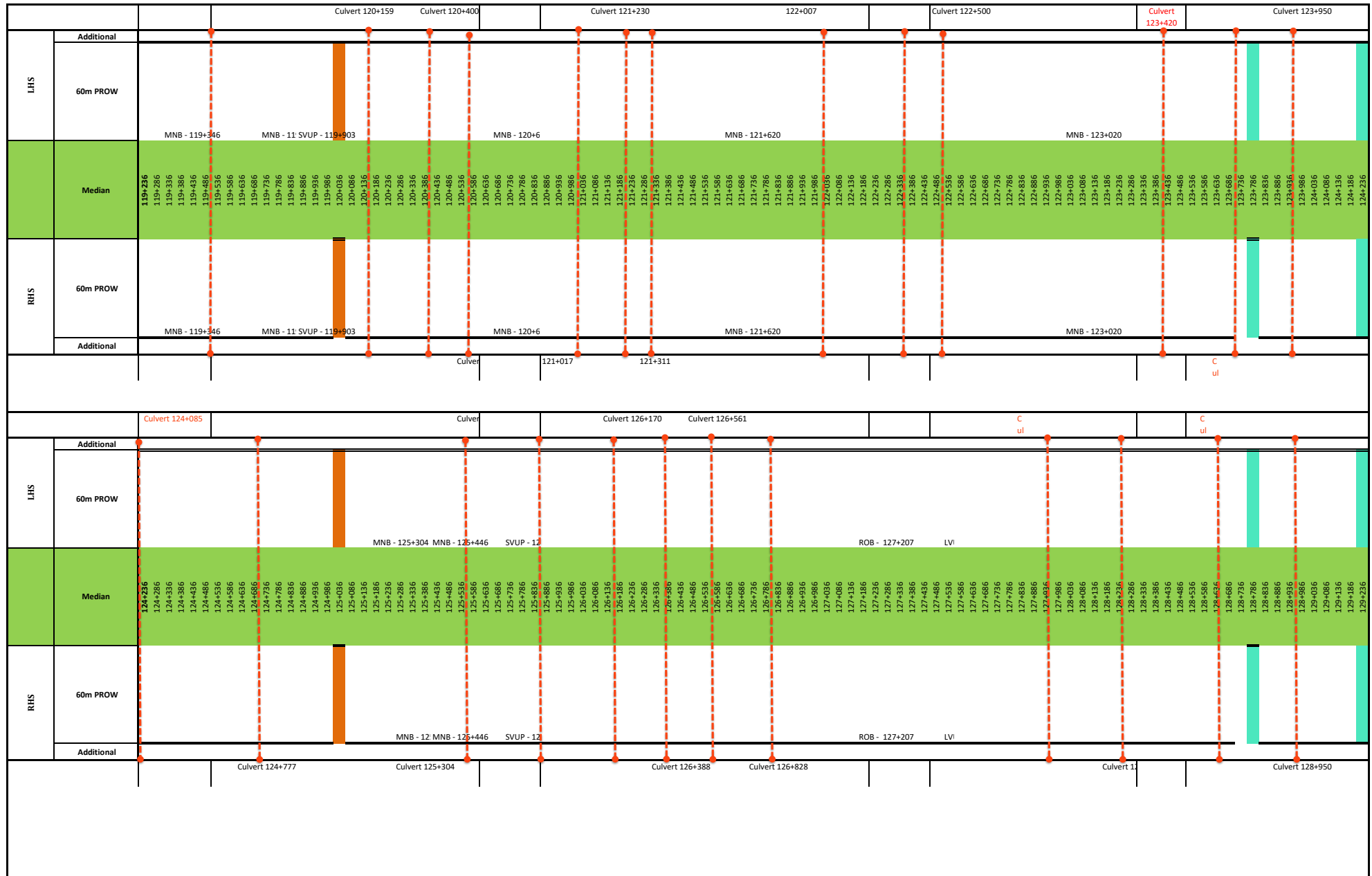
■ SVUP
 ■ LVUP
 ■ MNB
 ■ Interchange
 ■ ROB
 ■ VUP
 ■ VOP
 ■ Toll Plaza area
 ■ MIB
 - - - Culvert & Additional Culvert



Culvert 94+930	Culvert 95+200	Culvert 96+626	Culvert 97+533
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		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		MNB - 130+147		MNB - 131+662		MNB - 132+284			
RHS	60m PROW									
	Additional									
		Culvert 130+400		Culvert 131+343	Culvert 132+		Culvert		Culvert 133+1	
		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									

Package-III

Monthly Progress Report April-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. 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					Under Process
3	EHT Line Shifting		NHAI					Under Process
4	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	Submitted	
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 April-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%	0.92%	13.71%		
2	Minor Bridge works, underpasses, overpasses &, Box Culvert, & Major Bridge Structures	28.27%	1.46%	8.71%		
3	ROB	8.72%	-	-		
4	Other Works	27.21%	-	0.02%		
	Physical Progress	100%	2.39%	22.44%		

Package-III

Monthly Progress Report April- 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**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 30.04.2023 (LHS)	43.23	
Available Land Till 30.04.2023 (RHS)	43.23	
Unavailable Land Till 30.04.2023 (LHS)	2.88	1.86 Km MCW,1.02km ROB & .230Km Ramp 01(Additional)
Unavailable Land Till 30.04.2023 (RHS)	2.88	1.86 Km MCW,1.02km ROB & .230Km Ramp 01(Additional)

Package-III **Monthly Progress Report April-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

UJJAIN-GAROTH PKG-III				
Un Available land as on 30.04.2023				
Sr.No	From	To	Length	Remarks
1	89+236	89+300	64	Work Stopped
2	89+350	89+400	50	Work Stopped
3	89+550	89+600	25	Work Stopped
4	90+110	90+200	45	Work Stopped
5	90+450	90+500	50	Work Stopped
6	90+550	90+600	25	Work Stopped
7	90+730	90+810	40	Work Stopped
8	90+840	90+900	30	Work Stopped
9	91+220	91+300	80	Work Stopped
10	91+350	91+390	40	Work Stopped
11	91+630	91+700	70	Work Stopped
12	91+750	91+810	60	Work Stopped
13	92+310	92+330	20	Work Stopped
14	103+734	103+781	23.5	Work Stopped
15	107+550	107+600	25	Work Stopped
16	111+000	111+040	20	Work Stopped
17	112+180	112+260	80	Work Stopped
18	112+270	112+340	70	Work Stopped
19	116+050	116+100	50	Work Stopped
20	116+150	116+190	40	Work Stopped
21	116+520	116+540	10	Work Stopped
22	116+740	116+800	60	Work Stopped
23	118+330	118+350	10	Work Stopped
24	120+550	120+570	10	Work Stopped
25	122+000	122+020	10	Work Stopped
26	122+360	122+370	5	Work Stopped
27	122+420	122+440	10	Work Stopped
28	125+450	125+540	90	Work Stopped

Package-III

Monthly Progress Report April-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

29	125+540	125+560	10	Work Stopped
30	125+560	125+580	20	Work Stopped
31	126+030	126+090	20	Work Stopped
32	126+100	126+130	15	Work Stopped
33	126+140	126+200	30	Work Stopped
34	126+900	126+950	50	Work Stopped
35	126+950	127+000	50	Work Stopped
36	127+000	127+120	120	Work Stopped
37	127+120	127+200	80	Work Stopped
38	127+220	127+340	120	Work Stopped
39	127+340	127+510	120	Work Stopped
40	127+560	127+850	170	Work Stopped
41	127+860	127+900	290	Work Stopped
42	128+060	128+110	25	Work Stopped
43	132+250	132+290	20	Work Stopped
44	133+050	133+140	40	Work Stopped
45	133+600	133+650	25	Work Stopped
46	134+000	134+050	50	Work Stopped
47	134+050	134+230	90	Work Stopped
48	134+100	134+130	15	Work Stopped
49	134+150	134+180	15	Work Stopped
50	134+200	134+400	100	Work Stopped
51	134+400	134+450	25	Work Stopped
52	134+650	134+850	100	Work Stopped
53	134+900	134+950	25	Work Stopped
54	135+000	135+150	150	Work Stopped
		Total Length	2.88	Km

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.	8
27	JCB	Nos.	05
28	Dozer	Nos.	04
		Total	316

Package-III**Monthly Progress Report April-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.
A		Key personnel	
1	Mr. Ashok Kumar Tripathi	Sr. General Manager	1
2	Mr. Hardik Sukhadia	Project Manager - Highway	1
B		Highways	
1	Mr. Hardik Sukhadia	Project Manager - Highway	1
2	Parminder malik	Dy. Project Manager	1
3		Sr. Engineer/Jr. Engineer/Engineer	12
4	Deepak Dixit	Sr. Survey Manager	1
5	Ajay Kumar Morya	Sr. Surveyor	1
6		Asst. Surveyor/Surveyor	8
C		Structures	
1	Mr. Santanu Batyabal	Dy. Project Manager Structure	1
2	Mr. Parmeshwar Singh	Manager - Structure	1
4		Sr. Engineer/Site Engineer/Jr. Engineer	4
5		Supervisor/Senior Supervisor	10
D		Planning & Billing	
1	Manmohan Singh Yadav	Manager (Planning & Billing)	1
2	Miss Nidhi Verma	Sr. Engineer	1
3		Engineer	2
		GET/Assistant	3
E		Quality Assurance/Control	
1	Anjani Kumar Tiwari	Manager	1
2		Sr. Engineer/Engineer	2
3		Jr. Engineer /Technician/ Lab. Technician	13
F		Plant & Equipment	
1	Mr. Krutibasa Sahoo	Manager	1
2		Sr. Engineer/Engineer/Sr. Supervisor	4
3		Foreman/Mechanic/Electrician/GET	10
G		HR & Admin, Accounts, Purchase, Store, IT	
1	Dharmendra	Manager (Liasioning)	1
2	Naresh	Deputy Manager (Accounts)	1
3	Vikash Pandey	Sr. Executives (Accounts)	1
4	Lal Babu Giri	Manager (Purchase & Store)	1
5		Dy. Manager/Asst. Manager	2
6		Executives/Jr. Executives	13
		TOTAL	98

Package-III

Monthly Progress Report April- 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-

Detailed Physical 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- New realignment/bypass												
			(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	66.92	75.27%	70,58,16,234.51			
			(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	15.54	17.59%	5,99,46,180.48			
			(c)CTB/WMM	L-km	3.430%	20,51,14,000.00	88.362	23,21,291.96	88.362	12.69	14.36%	2,94,57,194.95			
			(3) Shoulders	L-km	0.060%	35,88,000.00	88.362	40,605.69	88.362		0.00%	-			
			(4) Bituminous work			-									
			(a) DBM	L-km	6.390%	38,21,22,000.00	88.362	43,24,506.01	88.362	5.72	6.47%	2,47,36,174.37			
(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						81,99,55,784.31			
2	Culvert	28.27%	C- New culverts, minor bridges, underpasses, over passes on existing road, realignments,												
			(1) Culverts	No.	7.810%	46,70,38,000.00	190	24,58,094.74	190	112	58.95%	27,53,06,610.53			
	MNB		(2) Minor bridges			-									
			(a) Foundation	No.	5.520%	33,00,96,000.00	32	1,03,15,500.00	32	10	31.25%	10,31,55,000.00			
			(b) Sub-structure	No.	4.800%	28,70,40,000.00	32	89,70,000.00	32	8	25.00%	7,17,60,000.00			
			(c) Super-structure (including crash barriers etc. complete	No.	4.810%	28,76,38,000.00	32	89,88,687.50	32	3	9.38%	2,69,66,062.50			
	Underpass		(5) Grade separated structures (a) Underpasses			-									
			(i) Foundation	No.	0.050%	29,90,000.00	8	3,73,750.00	8	3	37.50%	11,21,250.00			
			(ii) Sub-structure	No.	1.740%	10,40,52,000.00	8	1,30,06,500.00	8	3	37.50%	3,90,19,500.00			
			(iii) Super-structure (including crash barriers etc. Complete)	No.		-	8	-	8						
			Pre Casting of Girders (40%)		0.068%	40,66,400.00	8	5,08,300.00	8	3	37.50%	15,24,900.00			
			Remaining work of Super-structure (including crash barriers etc. Complete) (60%)		0.102%	60,99,600.00	8	7,62,450.00	8	3	37.50%	22,87,350.00			
	Major Bridges works		C- New Major Bridges			-									
			(1) Pile/Well Foundation	No.	1.510%	9,02,98,000.00	2	4,51,49,000.00	2						
			(2) Sub-structure	No.	0.420%	2,51,16,000.00	2	1,25,58,000.00	2						
(3) Super-structure (including crash barriers etc. complete)		No.		-	2	-	2								
Pre Casting of Girders (40%)			0.720%	3,44,44,800.00	2	17222400	2								
Remaining work of Super-structure (including crash barriers etc. Complete) (60%)			0.720%	5,16,67,200.00	2	2,58,33,600.00	2								

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Package-III

Monthly Progress Report April- 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%	D - New rail-road bridges (a) ROB											
			(1) Foundation	No.	0.570%	3,40,86,000.00	1	3,40,86,000.00	1					
			(2) Sub-structure	No.	0.330%	1,97,34,000.00	1	1,97,34,000.00	1					
			(3) Super-structure (including crash barriers etc. complete)	No.		-	1	-	1					
			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								
Sub Total-3				2.370%	14,17,26,000.00									
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					
Sub Total-4				6.350%	37,97,30,000.00									
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			-								
			(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								
Sub Total-5				27.210%	1,62,71,58,000.00								8,82,517.83	
Total				100.00%	5,98,00,00,000.00							22.44%	1,34,19,78,975.17	

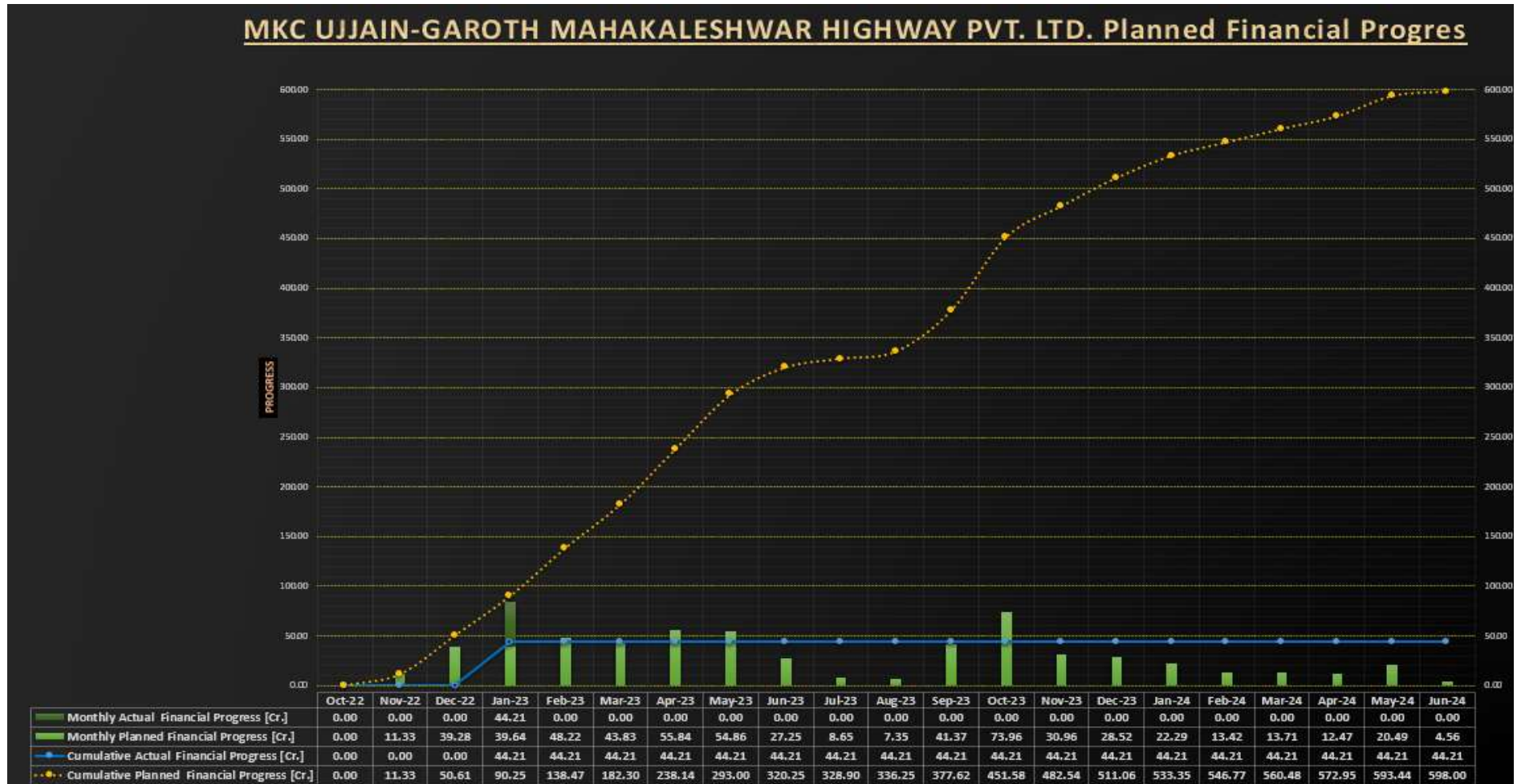
Package-III

Monthly Progress Report April- 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

8. Financial Progress-

8.1 Penpicture Escrow



Package-III

Monthly Progress Report April- 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

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	3	4	4	6	5	6	7	8	9	10		
1	Road Works	35.80%	B- New realignment/bypass											
			(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	60.052	67.53%	63,33,78,310.14		
			(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	12.58	14.24%	4,85,27,860.39		
			(c)CTB/WMM	L-km	3.430%	20,51,14,000.00	88.362	23,21,291.96	88.362	9.47	10.72%	2,19,82,634.84		
			(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	4.71	5.33%	2,03,68,423.30		
(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						72,42,57,228.68		
2	Culvert	28.27%	C- New culverts, minor bridges, underpasses, over passes on existing road, realignments,			-								
			(1) Culverts	No.	7.810%	46,70,38,000.00	190	24,58,094.74	190	108	56.84%	26,54,74,231.58		
	MNB		(2) Minor bridges			-								
			(a) Foundation	No.	5.520%	33,00,96,000.00	32	1,03,15,500.00	32	10	31.25%	10,31,55,000.00		
			(b) Sub-structure	No.	4.800%	28,70,40,000.00	32	89,70,000.00	32	6	18.75%	5,38,20,000.00		
	Underpass		(c) Super-structure (including crash barriers etc. complete)	No.	4.810%	28,76,38,000.00	32	89,88,687.50	32	1	3.13%	89,88,687.50		
			(5) Grade separated structures (a) Underpasses			-								
			(i) Foundation	No.	0.050%	29,90,000.00	8	3,73,750.00	8	3	37.50%	11,21,250.00		
			(ii) Sub-structure	No.	1.740%	10,40,52,000.00	8	1,30,06,500.00	8	3	37.50%	3,90,19,500.00		
			(iii) Super-structure (including crash barriers etc. Complete)	No.	0.170%	1,01,66,000.00	8	12,70,750.00	8	2	25.00%	25,41,500.00		
			Pre Casting of Girders (40%)											
			Remaining work of Super-structure (including crash barriers etc. Complete) (60%)											
	Major Bridges works		C- New Major Bridges					-						
			(1) Pile/Well Foundation	No.	1.510%	9,02,98,000.00	2	4,51,49,000.00	2					
			(2) Sub-structure	No.	0.420%	2,51,16,000.00	2	1,25,58,000.00	2					
			(3) Super-structure (including crash barriers etc. complete)	No.		-	2	-	2					
Pre Casting of Girders (40%)			0.720%	3,44,44,800.00	2	17222400	2							
Remaining work of Super-structure (including crash barriers etc. Complete) (60%)			0.720%	5,16,67,200.00	2	2,58,33,600.00	2							
Sub Total-2					28.270%	1,69,05,46,000.00						47,41,20,169.08		

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Monthly Progress Report April- 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

3	ROB Works	2.37%	D - New rail-road bridges (a) ROB			-			1				
			(1) Foundation	No.	0.570%	3,40,86,000.00	1	3,40,86,000.00	1				
			(2) Sub-structure	No.	0.330%	1,97,34,000.00	1	1,97,34,000.00	1				
			(3) Super-structure (including crash barriers etc.complete	No.		-	1	-	1				
			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							
Sub Total-3				2.370%	14,17,26,000.00								
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				
Sub Total-4				6.350%	37,97,30,000.00								
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	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	65.60	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							
Sub Total-5				27.210%	1,62,71,58,000.00							8,82,517.83	
Total				100.00%	5,98,00,00,000.00					20.05%	1,19,92,59,915.59		

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 DBM, 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 APRIL -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 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
1.0 OGL samples				MORTH-900															
1.1	Free Swell Index (FSI)	IS : 2720 (P- 40)	As Required	182	182	0	28	28	0	210	210	0	36	28	64	100	13	0	13
1.2	Grain size analysis	IS : 2720 (P-4)	As Required	182	182	0	13	13	0	195	195	0	36	13	49	100	13	0	13
1.3	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	As Required	182	182	0	13	13	0	195	195	0	36	13	49	100	13	0	13
1.4	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	As Required	182	182	0	13	13	0	195	195	0	36	13	49	100	13	0	13
1.5	4 days soaked CBR	IS : 2720 (P- 16)	As Required	0	0	0	13	13	0	13	13	0	0	13	13	100	0	0	0
2.0 Borrow Area Samples				MORTH-900															
2.1	Free Swell Index (FSI)	IS : 2720 (P- 40)	2 tests / 3000 m3	1298	1298	0	202	202	0	1500	1500	0	224	17	241	8	42	0	42
2.2	Grain size analysis	IS : 2720 (P-4)	2 tests / 3000 m3	1298	1298	0	202	202	0	1500	1500	0	224	17	241	8	42	0	42
2.3	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	2 tests / 3000 m3	1298	1298	0	202	202	0	1500	1500	0	224	17	241	8	42	0	42
2.4	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	2 tests / 3000 m3	1298	1298	0	202	202	0	1500	1500	0	224	17	241	8	42	0	42
2.5	4 days soaked CBR	IS : 2720 (P- 16)	1 test / 3000 m3	642	642	0	104	104	0	746	746	0	110	10	120	10	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
3.0 Field Density Tests				MORTH-900															
3.1	Field density test on OGL	IS : 2720 (P- 28)	1 set of tests / 3000 m2	13022	13022	0	0	0	0	13022	13022	0	2522	0	2522	0	0	0	0
3.2	Field density test on Emb.	IS : 2720 (P- 28)	1 set of tests	19874	19871	3	0	0	0	19874	19871	3	3720	0	3720	0	0	0	0
3.3	Field density test on Subgrade	IS : 2720 (P- 28)	1 set of tests / 2000 m2	5747	5747	0	4	4	0	5751	5751	0	1091	1	1092	25	0	0	0
3.4	Field density test on GSB	"	1 test / 1000 m2	338	338	0	0	0	0	338	338	0	66	0	66	0	0	0	0
3.5	Field density test on WMM	"	1 set of three / 1000 m2	0	0	0	104	104	0	104	104	0	0	21	21	20	0	0	0
3.6	Field density test on Earthen	"	1 set of tests / 2000 m2	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 m2	0	0	0	873	870	3	873	870	3	0	160	160	18	0	0	0
3.8	Field density test on DLC	"	1 set of tests / 2000 m2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 Coarse Agg. for Concrete																			
4.1	Gradation	IS : 2386 (P-1)	1 test / day	129	129	0	30	30	0	159	159	0	26	6	32	20	0	0	0
4.2	Flakiness Index	IS : 2386 (P-1)	Weekly	22	22	0	4	4	0	26	26	0	6	1	7	25	0	0	0
4.3	Aggregate Impact Value	IS : 2386 (P-4)	Weekly	11	11	0	4	4	0	15	15	0	6	1	7	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	129	129	0	30	30	0	159	159	0	26	6	32	20	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
5.0 Fine Agg. for Concrete																			
5.1	Gradation	IS : 2386 (P-1)	1 test / day	129	129	0	30	30	0	159	159	0	26	5	31	17	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	31	31	0	5	5	0	36	36	0	6	1	7	20	0	0	0
5.5	Moisture correction	IS : 2386 (P-3)	Per Day	129	129	0	30	30	0	159	159	0	26	6	32	20	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
6.0 Concrete Cube Compressive strength tests																			
For M 10 Grade																			
6.1	for 7 days	IS : 516	for 7 days	81	81	0	2	2	0	83	83	0	29	1	30	50	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 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
6.2	for 28 days	IS : 516	for 28 days	119	119	0	4	4	0	123	123	0	22	1	23	25	0	0	0
For M 15 Grade																			
6.3	for 7 days	IS : 516	for 7 days	24	24	0	1	1	0	25	25	0	15	1	16	100	0	0	0
6.4	for 28 days	IS : 516	for 28 days	24	24	0	1	1	0	25	25	0	16	1	17	100	0	0	0
For M 20																			
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	15	15	0	0	0	0	15	15	0	8	0	8	0	0	0	0
For M 25 Grade																			
6.7	for 7 days	IS : 516	for 7 days	174	174	0	6	6	0	180	180	0	40	2	42	33	0	0	0
6.8	for 28 days	IS : 516	for 28 days	227	227	0	47	47	0	274	274	0	65	8	73	17	0	0	0
For M 30 Grade																			
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
For M 35 Grade																			
6.11	for 7 days	IS : 516	for 7 days	27	27	0	9	9	0	36	36	0	20	3	23	33	0	0	0
6.12	for 28 days	IS : 516	for 28 days	44	44	0	36	36	0	80	80	0	26	12	38	33	0	0	0
For M 35 (Pile) Grade																			
6.11	for 7 days	IS : 516	for 7 days	3	3	0	0	0	0	3	3	0	3	0	3	0	0	0	0
6.12	for 28 days	IS : 516	for 28 days	3	3	0	0	0	0	3	3	0	3	0	3	0	0	0	0
For M 35 (RE-BLOCK) Grade																			
6.11	for 7 days	IS : 516	for 7 days	3	3	0	3	3	0	6	6	0	3	0	3	0	0	0	0
6.12	for 28 days	IS : 516	for 28 days	3	3	0	3	3	0	6	6	0	3	0	3	0	0	0	0
For M 40 Grade																			
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	18	18	0	0	0	0	18	18	0	18	0	18	0	0	0	0
For M 45 Grade																			
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
7.0 Cement Tests				MORTH 1000															
7.1	Fineness of cement	IS : 4031 (P-1)	1 test / lot of cement	20	20	0	4	4	0	24	24	0	7	1	8	25	0	0	0
7.2	Normal consistency	IS : 4031 (P-4)	1 test / lot of cement	20	20	0	4	4	0	24	24	0	7	1	8	25	0	0	0
7.3	Initial, final setting times	IS : 4031 (P-5)	1 test / lot of cement	20	20	0	4	4	0	24	24	0	7	1	8	25	0	0	0
7.4	Soundness	IS : 4031 (P-3)	1 test / lot of cement	20	20	0	4	4	0	24	24	0	7	1	8	25	0	0	0
7.5	Compressive strength - 3 days	IS : 4031 (P-6)	for 3 days	18	18	0	5	5	0	23	23	0	5	1	6	20	0	0	0
	- 7 days	"	for 7 days	19	19	0	4	4	0	23	23	0	5	1	6	25	0	0	0
	- 28 days	"	for 28 days	19	19	0	4	4	0	23	23	0	5	1	6	25	0	0	0
7.6	Chemical properties	IS : 4031	Once per Source / Per	3	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0
9.0 Steel				MORTH 1000															
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
11.0 Water				MORTH 1000															
11.1	Suitability for Construction	IS : 456		1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
12.0 Admixture				MORTH 1000															
12.1	Suitability for Concrete	IS : 9103		3	3	0	0	0	0	3	3	0	3	0	3	0	0	0	0
13.0 SUB-BASE (GSB)				MORTH 401															
13.1	Gradation	Table 400-2 (Grading-V)	1 Test /400 cu.m.	53	53	0	44	44	0	97	97	0	12	9	21	20	0	0	0
13.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 Test /400 cu.m.	49	49	0	44	44	0	93	93	0	8	9	17	20	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 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
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	6	6	0	0	0	0	6	6	0	1	1	2	0	0	0	0
14.0 SUB-BASE / BASE (WMM)				MORTH 406															
14.1	Gradation	Table 400-12	1 test / 200 m3	70	70	0	36	36	0	106	106	0	18	6	24	17	0	0	
14.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 test / 200 m3	70	70	0	36	36	0	106	106	0	18	0	18	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	
14.4	A.I.V	IS : 2386 (P-4)	1 test / 1000 m3	15	15	0	7	7	0	22	22	0	4	1	5	14	0	0	
14.5	FI & EI	IS : 2386 (P-1)	1 test / 500 m3	8	8	0	14	14	0	22	22	0	3	2	5	14	0	0	
14.6	Water Absorption	IS : 2386 (P-3)	Test/Source	1	1	0	0	0	0	1	1	0	1	1	2	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	
15. Bitumen VG-40																			
15.1	Specific Gravity at 27oC	IS : 2380 (P-4)	As required	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	
15.2	Softening Point(oc)	IS : 1205	1 test per Lot	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	
15.3	Penetration at 25oc 100gm 5	IS : 1203	1 test per Lot	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	
15.4	Ductility at 27oc	IS : 1208	1 test per Lot	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	
15.5	Viscosity at 60o/135oC (CST)	IS : 1206	As required	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	
	Absolute viscosity		As required	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	
16. Emulsion				MORTH 503															
16.1	RS 1 (Tack coat)	IS : 8887	Per Lot	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	
16.2	SS 1(Prime coat)	IS : 8887	Per Lot	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	
17.0 RATE OF SPRAY				MORTH 503															
17.1	Prime coat	As per MORTH& H	3 test / day	5	5	0	0	0	0	5	5	0	1	0	1	0	0	0	
17.2	Tack Coat	As per MORTH& H	3 test / day	5	5	0	0	0	0	5	5	0	1	0	1	0	0	0	
18.0 DENSE BITUMINOUS MACADAM GRADING- 2				MORTH 505															
18.1	Binder Content	As per MORTH& H	1 test / 400 Tonne Mix	14	14	0	5	5	0	19	19	0	3	1	4	20	0	0	
18.2	Combined Gradation	As per MORTH& H	1 test / 400 Tonne Mix	20	20	0	5	5	0	25	25	0	9	1	10	20	0	0	
18.3	Marshall Test (in Sets)	ASTM D 1559	1 test / 400 Tonne Mix	21	21	0	5	5	0	26	26	0	9	1	9	20	0	0	
18.4	A.I.V	IS : 2386 (P-4)	1 test / 350 m3 of Agg.	7	7	0	2	2	0	9	9	0	1	1	2	50	0	0	
18.5	FI & EI	IS : 2386 (P-1)	1 test / 350 m3 of Agg.	7	7	0	2	2	0	9	9	0	1	1	2	50	0	0	
18.6	Water Absorption & Specific	IS : 2386 (P-3)	Test/Source	4	4	0	0	0	0	0	0	0	4	0	4	0	0	0	
18.7	L.A.V.	IS : 2386 (P-4)	Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18.8	Stripping Value	IS : 6241	Test/Source	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	
18.9	Core Density Test		1 test / 700 sqm.	60	60	0	21	21	0	81	81	0	20	4	24	19	0	19	
Total				47557	47554	3	2470	2467	3	50023	50017	6	9198	442	9639		262	0	262

Total Tests Conducted this Month	2470
Total Tests Witnessed by IE's this Month	442
Total Test Witnessed by IE's in % this Month	17.89%

Total Tests Conducted this Month	2470
Total Tests Witnessed by NHAI this Month	0
Total Test Witnessed by NHAI in % this Month	0.00%

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 APRIL-2023

SL. NO.	DATE	TEMPERATURE		REL.		WEATHER	RAIN FALL (mm)	CUMM. RAIN FALL	REMARKS
		MIN.	MAX.	MIN.	MAX.				
1	01.04.2023	23.1	35.8	61	76	Sunny	--	--	
2	02.04.2023	23.8	35.1	63	75	Sunny	--	--	
3	03.04.2023	24.4	35.7	60	71	Sunny	--	--	
4	04.04.2023	24.8	35.0	63	75	Sunny	--	--	
5	05.04.2023	24.5	35.4	64	78	Sunny	--	--	
6	06.04.2023	24.0	35.7	61	73	Sunny	--	--	
7	07.04.2023	24.5	34.9	59	74	Sunny	--	--	
8	08.04.2023	23.8	32.1	57	68	Sunny	--	--	
9	09.04.2023	24.4	34.7	61	70	Sunny	--	--	
10	10.04.2023	24.9	35.4	63	76	Sunny	--	--	
11	11.04.2023	25.1	35.2	62	77	Sunny	--	--	
12	12.04.2023	26.2	34.6	60	74	Sunny	--	--	
13	13.04.2023	24.8	35.2	64	76	Sunny	--	--	
14	14.04.2023	25.5	32.6	59	72	Sunny	--	--	
15	15.04.2023	23.2	34.0	62	70	Sunny	--	--	
16	16.04.2023	26.0	35.7	57	73	Sunny	--	--	
17	17.04.2023	24.5	32.8	64	74	Sunny	--	--	
18	18.04.2023	26.5	35.8	66	78	Sunny	--	--	
19	19.04.2023	27.3	36.3	64	76	Sunny	--	--	
20	20.04.2023	26.2	35.4	65	77	Sunny	--	--	
21	21.04.2023	27.5	38.1	64	74	Sunny	--	--	
22	22.04.2023	26.1	36.8	64	77	Sunny	--	--	
23	23.04.2023	25.4	37.4	65	74	Sunny	--	--	
24	24.04.2023	27.3	39.1	64	77	Sunny	--	--	
25	25.04.2023	25.4	34.3	64	72	Sunny	--	--	
26	26.04.2023	27.3	36.4	65	76	Sunny	--	--	
27	27.04.2023	24.2	34.8	65	77	Sunny	--	--	
28	28.04.2023	20.8	32.1	66	80	Rainy	14.0	14.0	
29	29.04.2023	21.1	29.9	65	72	Rainy	2.0	16.0	
30	30.04.2023	20.8	28.7	66	74	Rainy	13.0	29.0	

Rain Fall (in mm)						This Month		25	

Concessionaire's Representative Independent Engineer's Representative

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- April-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			
												Vehecal Registration No.	Vehicle Type							
Up to End of April-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
10	02.03.2023	Project Director (NHAI PIU Ujjain) inspected the project site of Package-III
11	04.03.2023	RO Bhopal inspected the project site of Package-III
12	14.03.2023	Project Director & Manager Tech. (NHAI PIU Ujjain) inspected the project site of Package-III Regarding LA Clearance
13	15.03.2023	Project Director & Manager Tech. (NHAI PIU Ujjain) inspected the project site of Package-III Regarding LA Clearance
14	16.03.2023	Project Director & Manager Tech. (NHAI PIU Ujjain) inspected the project site of Package-III Regarding LA Clearance
15	24.03.2023	Project Director & Manager Tech. (NHAI PIU Ujjain) inspected the project site of Package-III
16	29.03.2023	Project Director & Manager Tech. (NHAI PIU Ujjain) inspected the project site of Package-III

Package-III**Monthly Progress Report April- 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

17	21.04.2023	Project Director & Manager Tech. (NHAI PIU Ujjain) inspected the project site of Package-III
18	28.04.2023	Team Leader (IE) inspected the project site of Package-III

Package-III

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

Monthly Progress Report April- 2023

Correspondence Detail Detail of Incoming Letters-IE

S.N.	Letter No.	Date	Description
1	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/385/U-G-3	01.04.2023	Chainage 110+863 SVUP Closure of NCR-12 Pkg-III.
2	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/393/U-G-3	03.04.2023	Joint Monthly Site Inspection Report for the Month of March 2023.
3	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/400/U-G-3	05.04.2023	Approval of Borrow Area No.-6/A.
4	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/402/U-G-3	06.04.2023	Regarding Shifting of Electric Line.
5	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/405/U-G-3	06.04.2023	Reg. MNB at ch. 93+784
6	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/407/U-G-3	08.04.2023	Submission of third Milestone payment certificate
7	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/409/U-G-3	12.04.2023	CM Helpline No.21687036 Email Dated 12.04.2023 at 13.16
8	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/415/U-G-3	13.04.2023	Approval of Borrow Area No.-23.
9	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/421/U-G-3	15.04.2023	Leave Application on dated 20.04.2023 to 21.04.2023
10	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/427/U-G-3	18.04.2023	Stoppage of work by people
11	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/428/U-G-3	18.04.2023	Review of Plan & Profile of main carriageway (R4)
12	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/437/U-G-3	19.04.2023	The Approval of Concrete Mix design of M-35 Pile with UltraTech Cement OPC-53 and Rheoplast PC2 1823 Admixture.
13	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/441/U-G-3	21.04.2023	Submission of 3rd Payment Milestone Certificate
14	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/444/U-G-3	25.04.2023	Monthly Joint Site Inspection for the Month of April 2023 as per Clause 13.2, Article 13 of the Concession Agreement

Package-III**Monthly Progress Report April- 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**

15	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/445/U-G-3	25.04.2023	Joining Report of Mr. Shyam Dhamande (Highway Designer Engineer).
16	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/449/U-G-3	26.04.2023	CM Helpline Complaint No.21903291 Dated 21.04.2023.
17	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/453/U-G-3	26.04.2023	Leave Application of Bridge Engineer Mr. Gangadeen Dharmik Ujjain Garoth Project.
18	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/455/U-G-3	28.04.2023	Additional Land required for Toll Plaza at Chainage 95+058.

Detail of Incoming Letters-NHAI

Sr. No.	Letter No.	Date	Description
1	NHAI/PIU/Ujjain/UG-III/IE2023/629	03.04.2023	Providing Interchange P&P and Auto CAD Drawing of Pkg -18 (Delhi- Vadodara Expressway)
2	NHAI/PIU/Ujjain/UG-III/IE2023/634	03.04.2023	Four Lane Sadak Nirman Auda Lino ke niche road nirman me vises sawdhani bartatne ke sambandh me
	NHAI/PIU/Ujjain/UG-III/IE2023/640	05.04.2023	Village Semlikankad and Avengers Solar Plant Semlikankad village tehsil Suwasra Distt. Mandsaur (M.P.) - Reg.
4	NHAI/PIU/Ujjain/UG-III/IE2023	06.04.2023	Regarding Nerium and thevetia species plantations on National Highways
5	NHAI/PIU/Ujjain/UG-III/IE2023/677	13.04.2023	Inspection of Ujjain-Garoth (Pkg. I, II & III)-reg
6	NHAI/PIU/Ujjain/UG-III/IE2023/678	12.04.2023	Commencement of Service - reg.
7	NHAI/PIU/Ujjain/UG-III/IE2023/722	20.04.2023	Submission of Change of Scope proposal for In-Principle approval-reg.
8	NHAI/PIU/Ujjain/UG-III/IE2023/740	24.04.2023	Submission of MPR for the month March-23-Reg.

Package-III**Monthly Progress Report April- 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**

9	NHAI/PIU/Ujjain/UG-III/IE2023/745	24.04.2023	Bharat Mala Pariyojna Under the Jurisdiction of PIU. Reg.
10	NHAI/PIU/Ujjain/UG-III/IE2023/778	28.04.2023	Additional land required for Toll Plaza at Ch. 95 +058 - Reg.
10	NHAI/PIU/Ujjain/UG-III/IE2023/790	29.04.2023	Submit the Stretch wise Work programme & Hindrance

Package-III

Monthly Progress Report April- 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**Correspondence Detail****Detail of Outgoing Letters**

Sr. No.	Letter No.	Date	Description
1	MKC UGMH Pvt.Ltd./2022-23/214	27.03.2023	Submission of Construction Methodology of Tensar Triax TX Geo Grid.
2	MKC UGMH Pvt.Ltd./2022-23/215	27.03.2023	Submission of Profile and credential of Spectra (Tensar) (Geo Grid)).
3	MKC UGMH Pvt.Ltd./2022-23/216	27.03.2023	Submission of Concrete Mix Design.
4	MKC UGMH Pvt.Ltd./2022-23/217	27.03.2023	Providing Interchange P&P & Auto CAD Drawing of Pkg-18 (Delhi-Vadodara Expressway).
5	MKC UGMH Pvt.Ltd./2022-23/218	30.03.2023	Submission of borrow area test result
6	MKC UGMH Pvt.Ltd./2022-23/219	30.03.2023	Submission of profile and credential JORA IND.
7	MKC UGMH Pvt.Ltd./2022-23/220	31.03.2023	Regarding Chainage wise status of C&G & Tree Cutting
8	MKC UGMH Pvt.Ltd./2022-23/221	01.04.2023	Conducting of NDT test & Ultrasonic pulse velocity test
9	MKC UGMH Pvt.Ltd./2022-23/222	03.04.2023	Submission of Third-Party Test Report
10	MKC UGMH Pvt.Ltd./2022-23/223	03.04.2023	Submission of Profile and credential of Bitumen (IOCL).
11	MKC UGMH Pvt.Ltd./2022-23/224	03.04.2023	Submission of Monthly Progress Report. March-2023
12	MKC UGMH Pvt.Ltd./2022-23/225	03.04.2023	Submission of Drone Videography March-2023
13	MKC UGMH Pvt.Ltd./2022-23/227	04.04.2023	Regarding Submission of 3rd Payment Milestone Certificate
14	MKC UGMH Pvt.Ltd./2022-23/231	06.04.2023	Submission of GAD's of 09 Nos. of Box Culverts
15	MKC UGMH Pvt.Ltd./2022-23/232	07.04.2023	Clarification on design & drawings for MNB at Ch. 93+784

Package-III**Monthly Progress Report April- 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**

16	MKC UGMH Pvt.Ltd./2022-23/233	07.04.2023	Submission of Compliance of observation on GAD's of Box Culverts
17	MKC UGMH Pvt.Ltd./2022-23/234	09.04.2023	Submission of Borrow Area Test Result for Approval.
19	MKC UGMH Pvt.Ltd./2023-24/235	10.04.2023	Regarding Inspection/Check Survey of EHT Line
20	MKC UGMH Pvt.Ltd./2023-24/236	14.04.2023	Closure of NCR No. 12-Regarding Ch. 110+863 SVUP. (R1)
21	MKC UGMH Pvt.Ltd./2023-24/238	19.04.2023	Submission of Concrete Mix Design.
22	MKC UGMH Pvt.Ltd./2023-24/239	19.04.2023	Submission of of Profile and credential of JK Cement Ltd
23	MKC UGMH Pvt.Ltd./2023-24/240	19.04.2023	Regarding Possession of Balance Land.
24	MKC UGMH Pvt.Ltd./2023-24/241	21.04.2023	Revise Submission of 3rd Payment Milestone Certificate
25	MKC UGMH Pvt.Ltd./2023-24/242	23.04.2023	Achievement of Project Milestone-I
26	MKC UGMH Pvt.Ltd./2023-24/243	24.04.2023	Regarding Submission of Typical Drawing of Bus Bay & Bus Shelter.
27	MKC UGMH Pvt.Ltd./2023-24/244	24.04.2023	Regarding Submission of Typical Rain Water Harvesting System Drawing.
28	MKC UGMH Pvt.Ltd./2023-24/246	26.04.2023	Providing length of project with Mutual consent of NHAI and Land owner.
29	MKC UGMH Pvt.Ltd./2023-24/247	26.04.2023	Submission of Material for Third Party Laboratory Testing
30	MKC UGMH Pvt.Ltd./2023-24/248	26.04.2023	Submission of Borrow Area Test Result for Approval.
31	MKC UGMH Pvt.Ltd./2023-24/249	26.04.2023	Regarding Implementation of IT Deduction as 0.12%
32	MKC UGMH Pvt.Ltd./2023-24/250	27.04.2023	Regarding Bank Guarantee Release against Mobilization Advance Recovery.
33	MKC UGMH Pvt.Ltd./2023-24/251	27.04.2023	Additional Land required for Toll Plaza at Chainage 95+058
34	MKC UGMH Pvt.Ltd./2023-24/252	27.04.2023	Submission of Design & Drawings for MJB at Ch. 112+817

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC		L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	
L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	R/S C&G		R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	R/S BC	
							89+200							
							89+300							
							89+400							
							89+500							
							89+600							
							89+700							
							89+800							
							89+900							
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							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							

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC
						92+000						
						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						

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC		L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	
L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	R/S C&G		R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	R/S BC	
							97+600							
							97+700							
							97+800							
							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							

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC		L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC
							103+200						
							103+300						
							103+400						
							103+500						
							103+600						
							103+700						
							103+800						
							103+900						
							104+000						
							104+100						
							104+200						
							104+300						
							104+400						
							104+500						
							104+600						
							104+700						
							104+800						
							104+900						
							105+000						
							105+100						
							105+200						
							105+300						
							105+400						
							105+500						
							105+600						
							105+700						
							105+800						
							105+900						

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC
						106+000						
						106+100						
						106+200						
						106+300						
						106+400						
						106+500						
						106+600						
						106+700						
						106+800						
						106+900						
						107+000						
						107+100						
						107+200						
						107+300						
						107+400						
						107+500						
						107+600						
						107+700						
						107+800						
						107+900						
						108+000						
						108+100						
						108+200						
						108+300						
						108+400						
						108+500						
						108+600						
						108+700						

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC		L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	
L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	R/S C&G		R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	R/S BC	
							108+800							
							108+900							
							109+000							
							109+100							
							109+200							
							109+300							
							109+400							
							109+500							
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							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							

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC
L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G		R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC
						111+600						
						111+700						
						111+800						
						111+900						
						112+000						
						112+100						
						112+200						
						112+300						
						112+400						
						112+500						
						112+600						
						112+700						
						112+800						
						112+900						
						113+000						
						113+100						
						113+200						
						113+300						
						113+400						
						113+500						
						113+600						
						113+700						
						113+800						
						113+900						
						114+000						
						114+100						
						114+200						
						114+300						

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC		L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC
							114+400						
							114+500						
							114+600						
							114+700						
							114+800						
							114+900						
							115+000						
							115+100						
							115+200						
							115+300						
							115+400						
							115+500						
							115+600						
							115+700						
							115+800						
							115+900						
							116+000						
							116+100						
							116+200						
							116+300						
							116+400						
							116+500						
							116+600						
							116+700						
							116+800						
							116+900						
							117+000						
							117+100						

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC		L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	
L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	R/S C&G		R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	R/S BC	
							117+200							
							117+300							
							117+400							
							117+500							
							117+600							
							117+700							
							117+800							
							117+900							
							118+000							
							118+100							
							118+200							
							118+300							
							118+400							
							118+500							
							118+600							
							118+700							
							118+800							
							118+900							
							119+000							
							119+100							
							119+200							
							119+300							
							119+400							
							119+500							
							119+600							
							119+700							
							119+800							
							119+900							

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC
						120+000						
						120+100						
						120+200						
						120+300						
						120+400						
						120+500						
						120+600						
						120+700						
						120+800						
						120+900						
						121+000						
						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						

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC		L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	
L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	R/S C&G		R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	R/S BC	
							122+800							
							122+900							
							123+000							
							123+100							
							123+200							
							123+300							
							123+400							
							123+500							
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							124+700							
							124+800							
							124+900							
							125+000							
							125+100							
							125+200							
							125+300							
							125+400							
							125+500							

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC		L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC
L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	R/S C&G		R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	
							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						
							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						

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC		L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	
L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	R/S C&G		R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC		
							128+400							
							128+500							
							128+600							
							128+700							
							128+800							
							128+900							
							129+000							
							129+100							
							129+200							
							129+300							
							129+400							
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							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							

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC		L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC
L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	R/S C&G		R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC	
							131+200						
							131+300						
							131+400						
							131+500						
							131+600						
							131+700						
							131+800						
							131+900						
							132+000						
							132+100						
							132+200						
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							132+500						
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							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						

UJJAIN GAROTH PACKGE-III

HIGHWAY STRIP CHART

L/S BC	L/S DBM	L/S WMM	L/S GSB	L/S SG 2	L/S C&G	CHAINAGE	R/S C&G	R/S SG 2	R/S GSB	R/S WMM	R/S DBM	R/S BC
						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+370						



Project Director -NHAI Visit at Site



Project Director -NHAI Visit at Site

MKC UGMHPL PKG-III Site Photograph



DBM Laying 98+000 To 97+500 RHS



Embankment 4th layer watering in progress



MNB Reinforcement Steel progress work



Box Culvert Backfilling in Progress



GSB Work in Progress



U-Wall at Box Culvert



MNB Raft Foundation Curing



Box Culvert Curing Work



Sub-Grade work in Progress



Safety Provide Structure location



Prime coat spraying on WMM Top



Watering subgrade top