



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 – (March-2023)

Table of Contents

S.N.	Contents	Page No.
1	Executive Summary	1-4
1.1	Construction progress in current month	1
1.2	Summary of strip plan	2-3
1.3	Detailed Strip plan	4
1.4	Current issues and recommended action by IE	4
2	Project Overview	5-12
2.1	Salient Features of the Project	5
2.2	Project Milestones	6
2.3	Location Map	7
2.4	Key Plan	8-12
3	Critical issues and Action Log	13-15
3.1	Pending issues and action log	13
3.2	Obligations as per concessionaire	14-15
4	Physical Progress	16-17
4.1	Physical Progress	16
4.2	ROB Physical Progress	17
5	Land Acquisition and Clearances	18-19
6	Mobilization of Resources	20-21
6.1	Manpower Resources	20
6.2	Resource mobilization by Subcontractor	21
7	Physical & Financial Progress Details	22-26
7.1	Detail Physical & Financial Progress	22-23
7.2	Pen picture Escrow	24
7.3	Escrow Details	25-26
8	Monitoring of maintenance obligations during construction phase	27
9	Correspondence Detail	28-31

Ujjain-Garoth Pkg-III**Monthly Progress Report March-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

10	Summary of Quality Control Tests	32-35
10.1	Tests witnessed by IE/ AE	32-34
10.2	Weather Report	35
11	Accident report	36
12	Annexures	
12.1	Annexure - 2 Visit & Meetings	37
12.2	Annexure – 3 Strip Chart	
12.3	Annexure – 3 Site Photograph	

1. Executive Summary

This report covers the activities undertaken by the **concessionaire** during the month of March 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	23.15%	16.07%	7.33%	4.63%	30.48%	20.70%
Financial Progress (Certified IPC)	23.15%	10.08%	7.33%	0.00%	30.48%	10.08%
Expenditure (In Cr)	138.44	60.28	43.83	0.00	182.27	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

2. Length completed by layer (MCW)		
	Length (Km)	% Total
Total Length	46.115	-
Total Length Completed (Till BC)		%
BC		
DBM	2.05	4.45%
WMM	3.10	6.72%
GSB	4.38	9.50%
Sub-Grade	33.14	71.85%

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

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 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	5	56	34
SVUP	3	1	1	1
LVUP	3	2	1	0
VUP	2	0	0	2
ROB	1	0	0	1
Minor Bridge	32	9	0	23
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 2.34 Km on LHS & 3.13 Km on RHS balance length of project Highway.

2. Project Overview

2.1 Salient Feature of Project

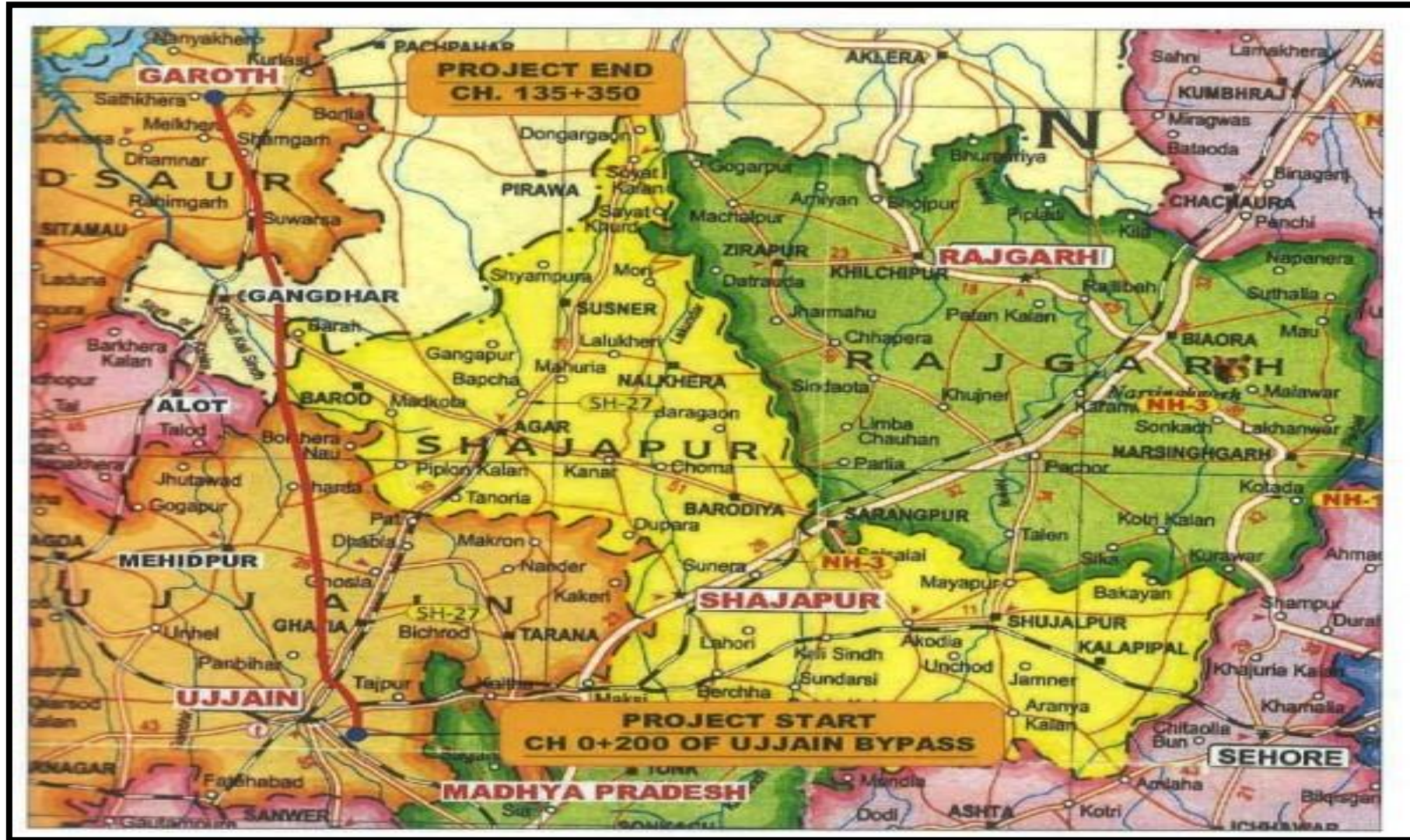
S.N.	Details	
1	Project	Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of Madhyapradesh: (Package-III)
2	NH No.	148NG
3	Mode of Execution	HAM
4	Client/ Authority	National Highways Authority of India
5	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	-	In Progress
Milestone-II	300 th Days from the Appointment Date and the Financial Progress not less than 35% of Contract Price	13 th August 2023	-	
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

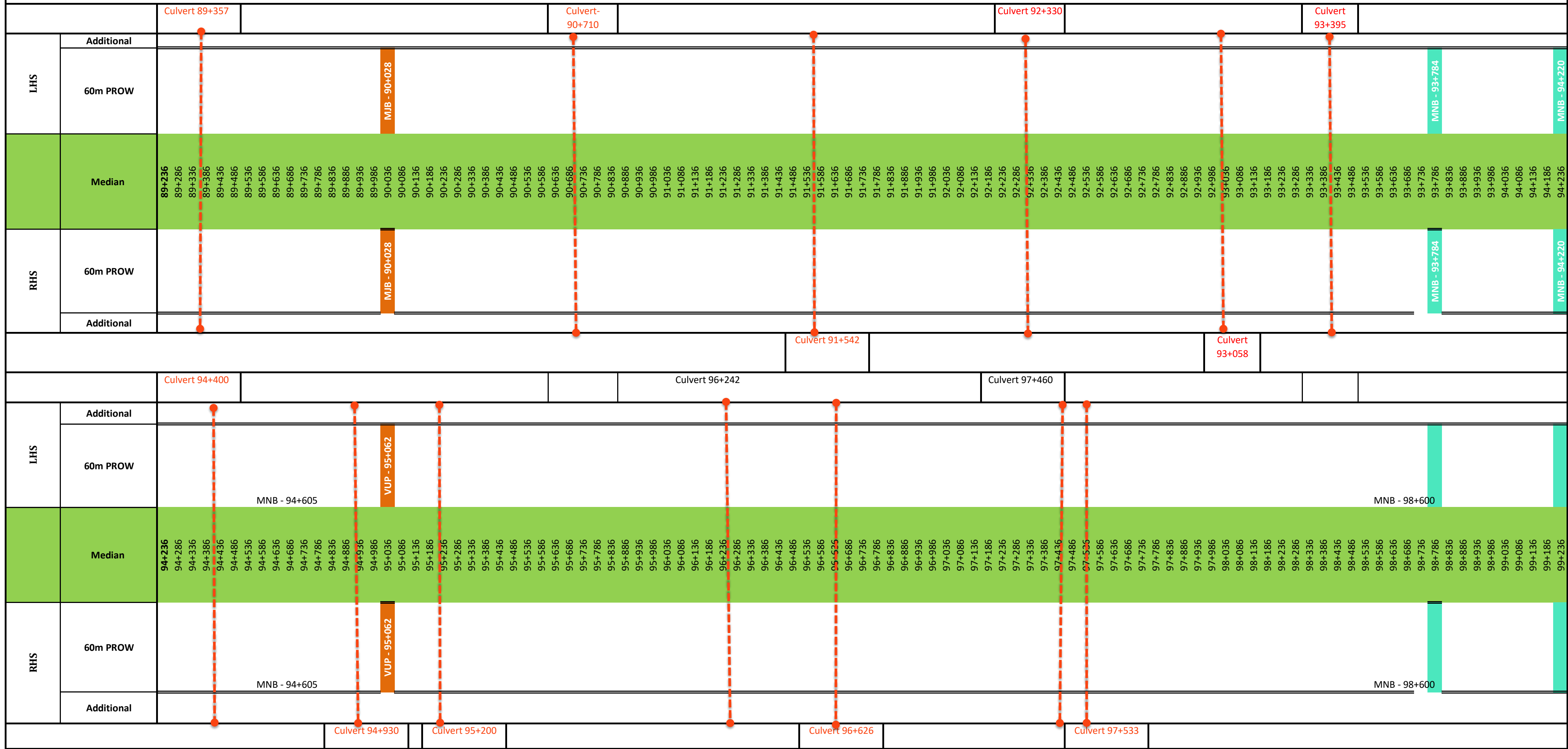
2.1 Location Map



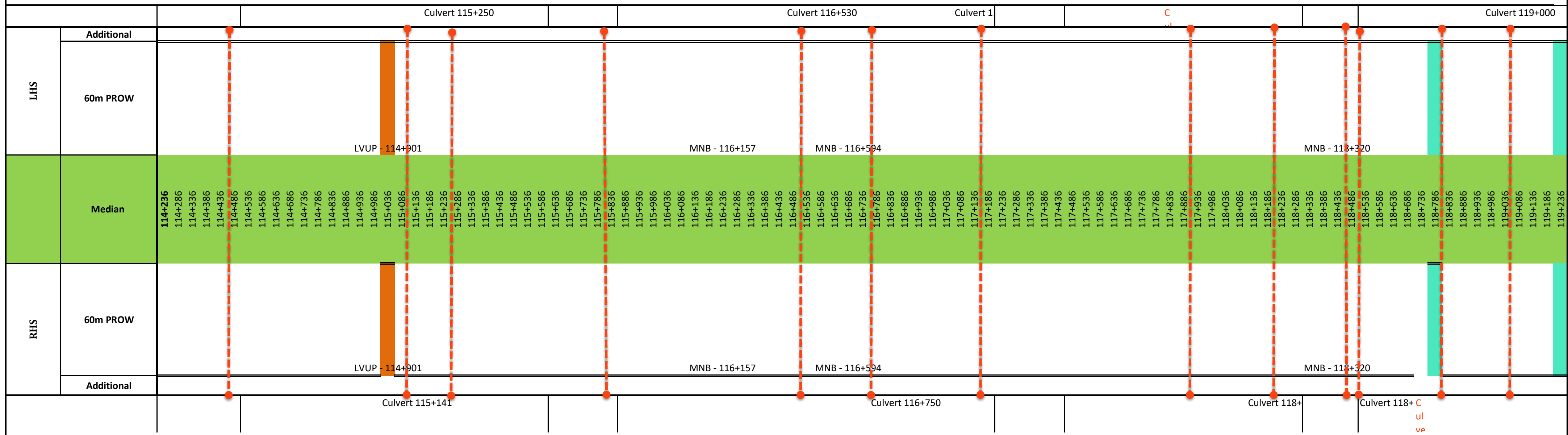
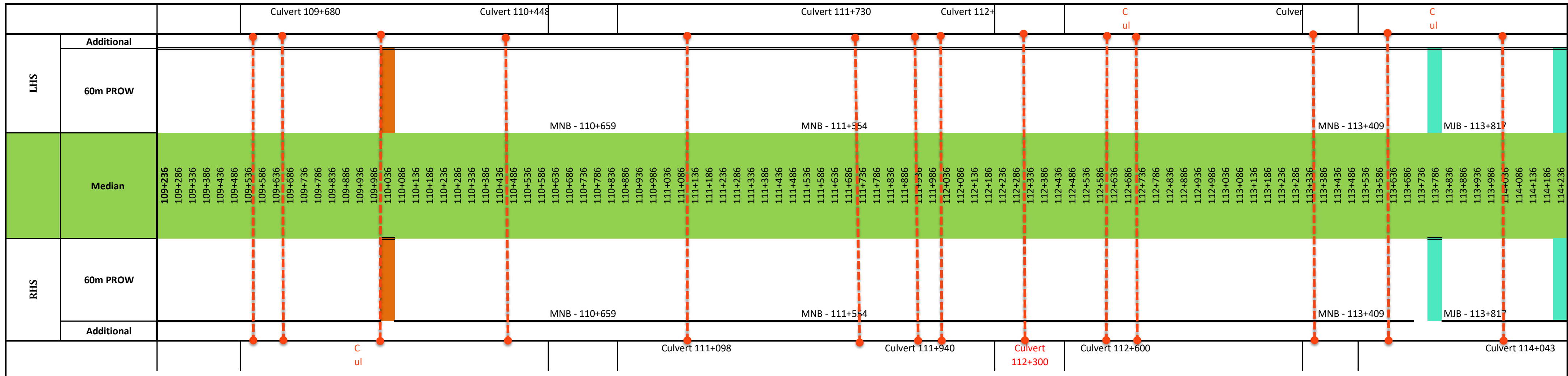
Package-III
Construction of Four Lining of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III)
on HAM mode in the state of Madhyapradesh

STRIP CHART PRESENTING SOW

SVUP LVUP MNB Interchange ROB VUP VOP Toll Plaza area MJB Culvert & Additional Culvert



				Culvert 100+754		Culvert 101+890			Culvert 103+610			Culvert 104+050
LHS	Additional											
	60m PROW											
Median		MNB - 99+345	MNB - 99+592		MNB - 100+500	MNB - 101+000						MNB - 104+086
RHS	60m PROW											
	Additional											
				Culvert 100+090		Culvert 101+750				Culvert 103+610		
					Culvert 105+580	Culvert 106+350	Culvert 107+161					Culvert 108+747
LHS	Additional											
	60m PROW											
Median		MNB - 104+251	LVUP - 104+650	MNB - 105+097						MNB - 107+929	MNB - 108+513	
RHS	60m PROW											
	Additional											
						Culvert 106+667	Culvert 107+090			Culvert 108+747		



			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		

Package-III

Monthly Progress Report March-2023

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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	2.34 LHS 3.13 RHS				Under Process
3	EHT Line Shifting		NHAI					Under Process
4	Approval for Design and Drawings		NHAI					Under Process

Package-III

Monthly Progress Report March-2023

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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	Appointent 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 March-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%	1.67%	12.79%		
2	Minor Bridge works, underpasses, overpasses &, Box Culvert, & Major Bridge Structures	28.27%	2.97%	7.25%		
3	ROB	8.72%	-	-		
4	Other Works	27.21%	-	0.67%		
	Physical Progress	100%	4.64%	20.70%		

Package-III

Monthly Progress Report March- 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

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5. Land Acquisition and Clearance

Description	Land (Km)	Remark
Total Land Required	46.115	
Available Land Till 31.03.2023 (LHS)	43.78	
Available Land Till 31.03.2023 (RHS)	42.99	
Unavailable Land Till 31.03.2023 (LHS)	2.34	
Unavailable Land Till 31.03.2023 (RHS)	3.13	

Package-III **Monthly Progress Report March-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								
Land Acquisition & Clearances by length as on date 31.03.2023								
S.N O	Chainage		Length (km)	Available Land as on 31.03.2023		Un-available Land as on 31.03.2023		REMARKS
	From	To		LHS	RHS	LHS	RHS	
1	89236	98900	9664	9664	9664			Work in Progress
2	98900	98950	50			50	50	Work Stopped
3	98950	100100	1150	1150	1150			Work in Progress
4	100100	100300	200			200	200	Work Stopped
5	100300	101100	800	800	800			Work in Progress
6	101100	101440	340			340	340	Work Stopped
7	101440	102250	810	810	810			Work in Progress
8	102250	102400	150	150			150	Work Stopped
9	102400	103730	1330	1330	1330			Work in Progress
10	103730	103780	50	50			50	Work Stopped
11	103780	104750	970	970	970			Work in Progress
12	104750	104800	50	50			50	Work Stopped
13	104800	105300	500	500	500			Work in Progress
14	105300	105350	50		50	50		Work Stopped
15	105350	105520	170	170	170			Work in Progress
16	105520	105640	120	120			120	Work Stopped
17	105640	107490	1850	1850	1850			Work in Progress
18	107490	107660	170	60		110	170	Work Stopped
19	107660	107700	40	40	40			Work in Progress
20	107700	107740	40	40			40	Work Stopped
21	107740	107790	50	50	50			Work in Progress
22	107790	107850	60	60			60	Work Stopped
23	107850	108870	1020	1020	1020			Work in Progress
24	108870	108900	30	30			30	Work Stopped
25	108900	109200	300	300	300			Work in Progress
26	109200	109400	200	200			200	Work Stopped
27	109400	110000	1600	1600	1600			Work in Progress
28	110000	110050	50		50	50		Work Stopped
29	110050	112180	1130	1130	1130			Work in Progress
30	112180	112340	160			160	160	Work Stopped
31	112340	116000	3660	3660	3660			Work in Progress
32	116000	116200	200			200	200	Work Stopped
33	116200	116500	300	300	300			Work in Progress
34	116500	116540	40	40			40	Work Stopped
35	116540	121980	5440	5440	5440			Work in Progress
36	121980	122100	120	120			120	Work Stopped
37	122100	124930	2830	2830	2830			Work in Progress
38	124930	125000	70			70	70	Work Stopped
39	125000	126030	1030	1030	1030			Work in Progress
40	126030	126090	60			60	60	Work Stopped
41	126090	126100	10	10	10			Work in Progress
42	126100	126130	30		30	30		Work Stopped
43	126130	126350	220	220	220			Work in Progress
44	126350	126470	120			120	120	Work Stopped
45	126470	126900	430	430	430			Work in Progress
46	126900	127510	610			610	610	Work Stopped
47	127510	127560	50	50	50			Work in Progress
48	127560	127850	290			290	290	Work Stopped
49	127850	135351	7501	7501	7501			Work in Progress
Total Land :			46115	43775	42985	2340	3130	
Total Land (Km):			46.12	43.78	42.99	2.34	3.13	
Total Land Percentage (%):			100.00%	94.93%	93.21%	5.07%	6.79%	
Total Land Percentage Average (%):			100%	94.07%		5.93%		

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

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
		Total	315

Package-III**Monthly Progress Report March-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
3	Mr. Anil Rathor	Project Manager - Structure	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. Anil Rathor	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	Mukesh Ranjan Prashad	Sr. Manager	1
2		Sr. Engineer/Engineer/Sr. Supervisor	4
3		Foreman/Mechanic/Electrician/JET	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	97

Package-III

Monthly Progress Report March- 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	66.27	74.54%	69,89,60,577.71		
			(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	8.76	9.91%	3,37,92,055.41		
			(c)CTB/WMM	L-km	3.430%	20,51,14,000.00	88.362	23,21,291.96	88.362	6.20	7.02%	1,43,92,010.14		
			(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	4.10	4.64%	1,77,30,474.64		
(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						76,48,75,117.90		
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		
			(2) Minor bridges			-							-	
	MNB		(a) Foundation	No.	5.520%	33,00,96,000.00	64	51,57,750.00	64	18	28.13%	9,28,39,500.00		
			(b) Sub-structure	No.	4.800%	28,70,40,000.00	64	44,85,000.00	64	5	7.81%	2,24,25,000.00		
			(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	6	37.50%	3,90,19,500.00		
			(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	4	25.00%	10,16,600.00		
			Remaining work of Super-structure (including crash barriers etc. Complete) (60%)		0.102%	60,99,600.00	16	3,81,225.00	16	4	25.00%	15,24,900.00		
	Major Bridges works		C- New Major Bridges			-							-	
			(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			-				

Page 1

Package-III

Monthly Progress Report March- 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	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							
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 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				
Sub Total-5				27.210%	1,62,71,58,000.00							3,97,97,919.13	
Total				100.00%	5,98,00,00,000.00					20.70%	1,23,79,26,397.56		

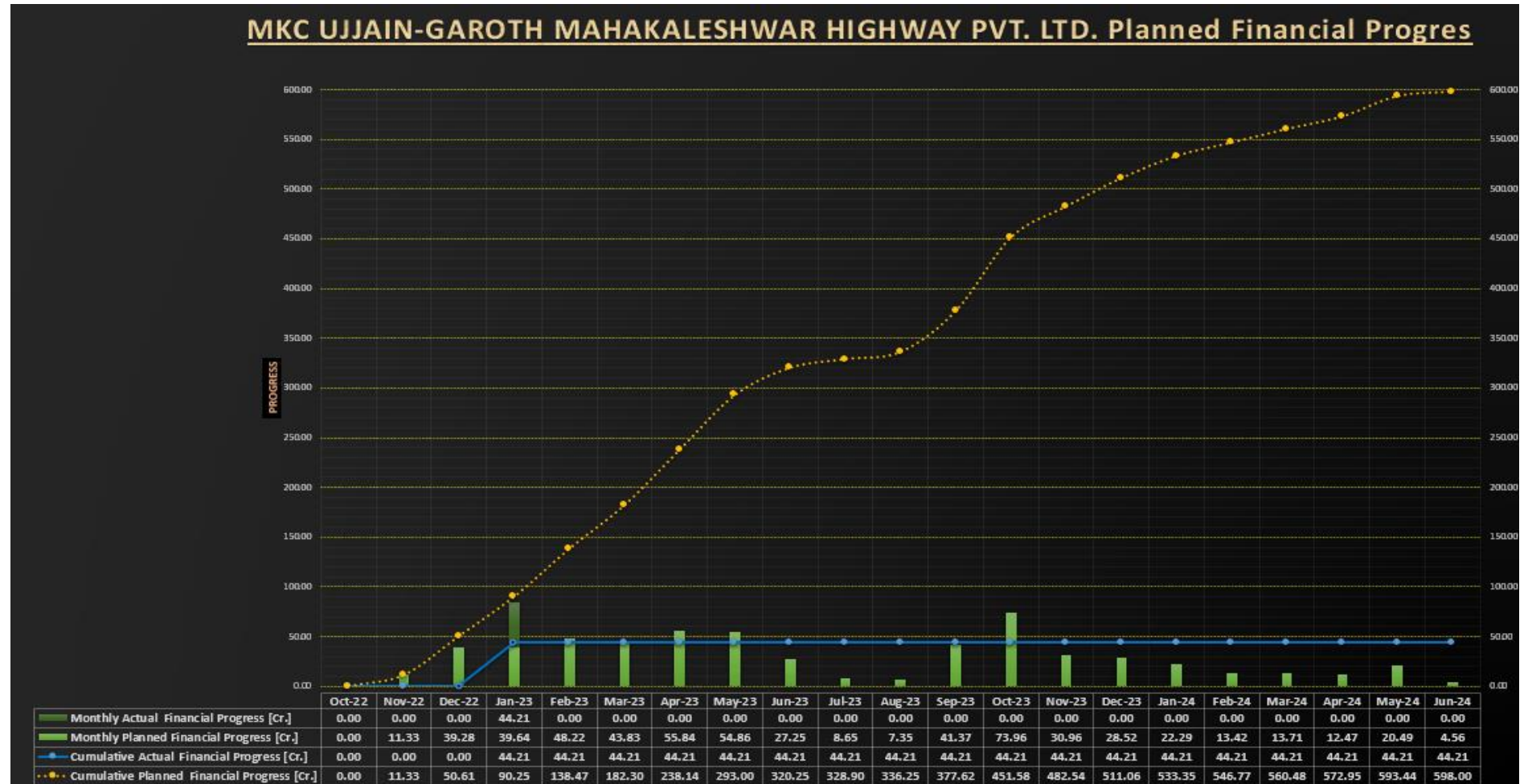
Package-III

Monthly Progress Report March- 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 March- 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	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	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%	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	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		C- New Major Bridges			-								
			(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

Monthly Progress Report March- 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) 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								
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 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								
Sub Total-5				27.210%	1,62,71,58,000.00								8,82,517.83	
Total				100.00%	5,98,00,00,000.00							10.08%	60,27,37,129.16	

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 MAR -2023

S.No.	Name of test	Reference as per IS / MORTH		Total Tests Conducted Up to			No. of Tests Conducted			No. of Tests Conducted up to			Test Witnessed by IE's Rep.				Test Witnessed by NHA1		
				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	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
2.0 Borrow Area Samples				MORTH-900															
2.1	Free Swell Index (FSI)	IS : 2720 (P- 40)	2 tests / 3000 m ³	1156	1156	0	142	142	0	1298	1298	0	224	17	241	12	42	0	42
2.2	Grain size analysis	IS : 2720 (P-4)	2 tests / 3000 m ³	1156	1156	0	142	142	0	1298	1298	0	224	17	241	12	42	0	42
2.3	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	2 tests / 3000 m ³	1156	1156	0	142	142	0	1298	1298	0	224	17	241	12	42	0	42
2.4	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	2 tests / 3000 m ³	1156	1156	0	142	142	0	1298	1298	0	224	17	241	12	42	0	42
2.5	4 days soaked CBR	IS : 2720 (P- 16)	1 test / 3000 m ³	565	565	0	77	77	0	642	642	0	110	10	120	13	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 m ²	13003	12996	7	26	26	1	13029	13022	8	2517	5	2522	19	0	0	0
3.2	Field density test on Emb.	IS : 2720 (P- 28)	1 set of tests /3000 m ²	19261	19259	2	613	612	1	19874	19871	3	3608	112	3720	18	0	0	0
3.3	Field density test on Subgrade	IS : 2720 (P- 28)	1 set of tests / 2000 m ²	5647	5647	0	100	100	0	5747	5747	0	1073	18	1091	18	0	0	0
3.4	Field density test on GSB	"	1 test / 1000 m ²	195	195	0	143	143	0	338	338	0	41	25	66	17	0	0	0
3.5	Field density test on WMM	"	1 set of three / 1000 m ²	0	0	0	104	104	0	104	104	0	0	21	21	20	0	0	0
3.6	Field density test on Earthen Shoulder	"	1 set of tests / 2000 m ²	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 ²	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 ²	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	99	99	0	30	30	0	129	129	0	21	5	26	17	0	0	0
4.2	Flakiness Index	IS : 2386 (P-1)	Weekly	17	17	0	5	5	0	22	22	0	5	1	6	20	0	0	0
4.3	Aggregate Impact Value	IS : 2386 (P-4)	Weekly	6	6	0	5	5	0	11	11	0	5	1	6	20	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	99	99	0	30	30	0	129	129	0	21	5	26	17	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	99	99	0	30	30	0	129	129	0	21	5	26	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	99	99	0	30	30	0	129	129	0	21	5	26	17	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	58	58	0	23	23	0	81	81	0	23	6	29	26	0	0	0

S.No.	Name of test	Reference as per IS / MORTH		Total Tests Conducted Up to			No. of Tests Conducted			No. of Tests Conducted up to			Test Witnessed by IE's Rep.				Test Witnessed by NHAI		
				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	53	53	0	66	66	0	119	119	0	12	10	22	15	0	0	0
For M 15 Grade																			
6.3	for 7 days	IS : 516	for 7 days	22	22	0	2	2	0	24	24	0	14	1	15	50	0	0	0
6.4	for 28 days	IS : 516	for 28 days	22	22	0	2	2	0	24	24	0	15	1	16	50	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	12	12	0	3	3	0	15	15	0	5	3	8	100	0	0	0
For M 25 Grade																			
6.7	for 7 days	IS : 516	for 7 days	139	139	0	35	35	0	174	174	0	33	7	40	20	0	0	0
6.8	for 28 days	IS : 516	for 28 days	100	100	0	127	127	0	227	227	0	43	22	65	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	18	18	0	9	9	0	27	27	0	18	2	20	0	0	0	0
6.12	for 28 days	IS : 516	for 28 days	21	21	0	23	23	0	44	44	0	21	5	26	22	0	0	0
For M 35 (Pile) Grade																			
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	3	3	0	3	3	0	0	3	3	100	0	0	0
For M 35 (RE-BLOCK) Grade																			
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	3	3	0	3	3	0	0	3	3	100	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	15	15	0	0	0	0	15	15	0	15	0	15	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	15	15	0	5	5	0	20	20	0	6	1	7	20	0	0	0
7.2	Normal consistency	IS : 4031 (P-4)	1 test / lot of cement	15	15	0	5	5	0	20	20	0	6	1	7	20	0	0	0
7.3	Initial, final setting times	IS : 4031 (P-5)	1 test / lot of cement	15	15	0	5	5	0	20	20	0	6	1	7	20	0	0	0
7.4	Soundness	IS : 4031 (P-3)	1 test / lot of cement	15	15	0	5	5	0	20	20	0	6	1	7	20	0	0	0
7.5	Compressive strength - 3 days	IS : 4031 (P-6)	for 3 days	14	14	0	4	4	0	18	18	0	4	1	5	25	0	0	0
	- 7 days	"	for 7 days	15	15	0	4	4	0	19	19	0	4	1	5	25	0	0	0
	- 28 days	"	for 28 days	15	15	0	4	4	0	19	19	0	4	1	5	25	0	0	0
7.6	Chemical properties	IS : 4031	Once per Source / Per Week no	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.	5	5	0	48	48	0	53	53	0	5	7	12	15	0	0	0
13.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 Test /400 cu.m.	1	1	0	48	48	0	49	49	0	1	7	8	15	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

S.No.	Name of test	Reference as per IS / MORTH		Total Tests Conducted Up to			No. of Tests Conducted			No. of Tests Conducted up to			Test Witnessed by IE's Rep.				Test Witnessed by NHAI		
				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
13.4	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
14.0 SUB-BASE / BASE (WMM)		MORTH 406																	
14.1	Gradation	Table 400-12	1 test / 200 m3	0	0	0	70	70	0	70	70	0	0	18	18	26	0	0	
14.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 test / 200 m3	0	0	0	70	70	0	70	70	0	0	18	18	26	0	0	
14.3	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)		0	0	0	1	1	0	0	0	0	0	1	1	100	0	0	
14.4	A.I.V	IS : 2386 (P-4)	1 test / 1000 m3	0	0	0	15	15	0	15	15	0	0	4	4	27	0	0	
14.5	FI & EI	IS : 2386 (P-1)	1 test / 500 m3	0	0	0	8	8	0	8	8	0	0	3	3	38	0	0	
14.6	Water Absorption	IS : 2386 (P-3)	Test/Source	0	0	0	1	1	0	1	1	0	0	1	1	100	0	0	
14.7	Soundness	IS : 2386 (P-3)	Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15. Bitumen VG-40																			
15.1	Specific Gravity at 27oC	IS : 2380 (P-4)	As required	0	0	0	2	2	0	2	2	0	0	2	2	100	0	0	
15.2	Softening Point(oc)	IS : 1205	1 test per Lot	0	0	0	2	2	0	2	2	0	0	2	2	100	0	0	
15.3	Penetration at 25oc 100gm 5 Sec	IS : 1203	1 test per Lot	0	0	0	2	2	0	2	2	0	0	2	2	100	0	0	
15.4	Ductility at 27oc	IS : 1208	1 test per Lot	0	0	0	2	2	0	2	2	0	0	2	2	100	0	0	
15.5	Viscosity at 60o/135oC (CST)	IS : 1206	As required	0	0	0	2	2	0	2	2	0	0	2	2	100	0	0	
	Absolute viscosity		As required	0	0	0	2	2	0	2	2	0	0	2	2	100	0	0	
16. Emulsion		MORTH 503																	
16.1	RS 1 (Tack coat)	IS : 8887	Per Lot	0	0	0	1	1	0	1	1	0	0	1	1	100	0	0	
16.2	SS 1(Prime coat)	IS : 8887	Per Lot	0	0	0	1	1	0	1	1	0	0	1	1	100	0	0	
17.0 RATE OF SPRAY		MORTH 503																	
17.1	Prime coat	As per MORTH& H	3 test / day	0	0	0	5	5	0	5	5	0	0	1	1	20	0	0	
17.2	Tack Coat	As per MORTH& H	3 test / day	0	0	0	5	5	0	5	5	0	0	1	1	20	0	0	
18.0 DENSE BITUMINOUS MACADAM GRADING- 2		MORTH 505																	
18.1	Binder Content	As per MORTH& H	1 test / 400 Tonne Mix	0	0	0	14	14	0	14	14	0	0	3	3	21	0	0	
18.2	Combined Gradation	As per MORTH& H	1 test / 400 Tonne Mix	0	0	0	20	20	0	20	20	0	0	9	9	45	0	0	
18.3	Marshall Test (in Sets)	ASTM D 1559	1 test / 400 Tonne Mix	0	0	0	21	21	0	21	21	0	0	9	9	43	0	0	
18.4	A.I.V	IS : 2386 (P-4)	1 test / 350 m3 of Agg.	0	0	0	7	7	0	7	7	0	0	1	1	14	0	0	
18.5	FI & EI	IS : 2386 (P-1)	1 test / 350 m3 of Agg.	0	0	0	7	7	0	7	7	0	0	1	1	14	0	0	
18.6	Water Absorption & Specific Gravity	IS : 2386 (P-3)	Test/Source	0	0	0	4	4	0	4	4	0	0	4	4	100	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	0	0	0	1	1	0	1	1	0	0	1	1	100	0	0	
18.9	Core Density Test		1 test / 700 sqm.	0	0	0	60	60	0	60	60	0	0	20	20	33	0	33	
Total				45146	45137	9	2526	2525	2	47671	47661	11	8814	484	9298		262	0	262

Total Tests Conducted this Month	2526
Total Tests Witnessed by IE's this Month	484
Total Test Witnessed by IE's in % this	19.16%

Total Tests Conducted this Month		2526
Total Tests Witnessed by NHAI this		0
Total Test Witnessed by NHAI in %		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 MAR-2023

SL. NO.	DATE	TEMPERATU		REL.		WEATHER	RAIN FALL (mm)	CUMM . RAIN	REMARK S
		MIN.	MAX.	MIN.	MAX.				
1	01.03.2023	15.7	32.8	46	69	Sunny	0	0	
2	02.03.2023	16.1	33.6	44	67	Sunny	0	0	
3	03.03.2023	15.7	33.4	49	66	Sunny	0	0	
4	04.03.2023	16.4	32.8	43	66	Sunny	0	0	
5	05.03.2023	14.1	31.9	46	67	Sunny	0	0	
6	06.03.2023	12.8	26.4	41	58	Rainy	20	20	
7	07.03.2023	14.4	30.9	46	67	Sunny	0	20	
8	08.03.2023	15.8	32.8	49	68	Sunny	5	25	
9	09.03.2023	15.5	33.1	48	65	Sunny	0	25	
10	10.03.2023	16.2	32.9	47	66	Sunny	0	25	
11	11.03.2023	16.7	33.8	49	69	Sunny	0	25	
12	12.03.2023	17.4	34.1	51	71	Sunny	0	25	
13	13.03.2023	18.4	34.1	53	68	Sunny	0	25	
14	14.03.2023	18.1	34.0	51	70	Sunny	0	25	
15	15.03.2023	18.9	34.2	53	69	Sunny	0	25	
16	16.03.2023	22.3	32.9	31	60	Sunny	0	25	
17	17.03.2023	18.8	31.3	30	66	Sunny	0	25	
18	18.03.2023	18.2	32.7	47	65	Sunny	0	25	
19	19.03.2023	19.1	28.9	51	75	Sunny	0	25	
20	20.03.2023	17.8	31.3	55	74	Sunny	0	25	
21	21.03.2023	19.9	31.7	60	78	Sunny	0	25	
22	22.03.2023	18.7	33.9	58	80	Sunny	0	25	
23	23.03.2023	22.1	35.7	53	74	Sunny	0	25	
24	24.03.2023	21.0	36.7	49	60	Sunny	0	25	
25	25.03.2023	22.3	35.7	44	58	Sunny	0	25	
26	26.03.2023	19.9	36.7	42	62	Sunny	0	25	
27	27.03.2023	21.1	36.8	40	51	Sunny	0	25	
28	28.03.2023	20.8	37.2	40	52	Sunny	0	25	
29	29.03.2023	21.5	38.1	40	54	Sunny	0	25	
30	30.03.2023	19.9	36.4	36	50	Sunny	0	25	
31	31.03.2023	20.5	35.9	38	51	Sunny	0	25	

25

**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- March-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 March-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

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 March- 2023

Correspondence Detail Detail of Incoming Letters-IE

S.N.	Letter No.	Date	Description
1	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/313/U-G-3	02.03.2023	Village Semi Kankad and Avengers Soalr Plant Semi Kankad village tehsil Suwasra dist. Mandsaur
2	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/315/U-G-3	02.03.2023	Shifting of Electric Line
3	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/318/U-G-3	03.03.2023	Joint Monthly Site Inspection Report for the Month of February 2023.
4	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/325/U-G-3	06.03.2023	Submission of IE 's Monthly Progress Report (MPR)-06 for the Month of February 2023.
5	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/327/U-G-3	06.03.2023	Approval of WMM
6	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/328/U-G-3	07.03.2023	Approval of Borrow Area no. 21
7	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/188/U-G-3	07.03.2023	Availability of quality saplings in the nurseries of National Seeds Corporation Ltd. for Annual Plantation Action Plan 2023-24
8	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/189/U-G-3	07.03.2023	Guidelines for Implementation of Annual Action Plan: 2023-24. Reference:
9	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/346/U-G-3	14.03.2023	Joining Report of Mr. mohammad Asad Nagori (ABE-III).
10	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/347/U-G-3	14.03.2023	Joining Report of Mr. Sanchit Darvaikar (Electrical Engineer).
11	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/351/U-G-3	16.03.2023	Reg. Issuing NCR no. 12
12	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/351/U-G-3	17.03.2023	Reg Shifting of Electric Line
13	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/356/U-G-3	18.03.2023	Approval of Borrow Area No.-22.
14	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/358/U-G-3	18.03.2023	A Tipper Caught fire at ch. 93+500 from 33 KV electrical line
15	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/360/U-G-3	22.03.2023	Stretch vice work program
16	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/364/U-G-3	24.03.2023	Monthly Joint Site Inspection for the Month of March 2023 as per Clause 13.2, Article 13 of the Concession Agreement.
17	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/365/U-G-3	24.03.2023	Chainage 110+863 (Closure of NCR # 12).
18	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/376/U-G-3	30.03.2023	Stoppage of work by villagers (Pkg-03).
19	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/377/U-G-3	30.03.2023	Review of Plan & Profile of Main Carriageway (R4) Pkg-III.
20	LNMIPPL/PD/NHAI/Ujjain-Garoth/2022-23/379/U-G-3	31.03.2023	Reg. Stretch vice work program.

Package-III

Monthly Progress Report March- 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**Detail of Incoming Letters-NHAI**

Sr. No.	Letter No.	Date	Description
1	NHAI/PIU/Ujjain/UG-III/IE2023/547	17.03.2023	भारतीय राष्ट्रीय राजमार्ग निर्माणाधीन फोरलेन सड़क निर्माण के अंतर्गत आउदा लाइनों के नीचे रोड निर्माण में विशेष सावधानी बरतने के संबंध में
2	NHAI/PIU/Ujjain/UG-III/IE2023/557	17.03.2023	A Dumper caught fire at Ch. 93+500 from 33KV electrical tine-
3	NHAI/PIU/Ujjain/UG-III/IE2023/5301	23.03.2023	Annual Road Safety Action Plan For .2023-24
4	NHAI/PIU/Ujjain/UG-III/IE2023/609	29.03.2023	Chainage wise status of C&G & Tree Cutting.
5	NHAI/PIU/Ujjain/UG-III/IE2023/621	31.03.2023	Commencement of Service - reg.
6	NHAI/PIU/Ujjain/UG-III/IE2023/624	31.03.2023	Chainage 1 10+863 SVUP closure of NCR-12-reg.

Correspondence Detail**Detail of Outgoing Letters**

Sr. No.	Letter No.	Date	Description
1	MKC UGMH Pvt.Ltd./2022-23/187	02.03.2023	Submission of Material for Third Party Laboratory.
2	MKC UGMH Pvt.Ltd./2022-23/188	02.03.2023	Regarding Refund of TDS Deduction from our Mobilization Advance.
3	MKC UGMH Pvt.Ltd./2022-23/189	02.03.2023	Regarding Submission of WMM Mix Design.
4	MKC UGMH Pvt.Ltd./2022-23/190	03.03.2023	Submission of Monthly Progress Report. February-2023
5	MKC UGMH Pvt.Ltd./2022-23/191	03.03.2023	Submission of Profile and credential of Hydrated Lime (Chandra Chemical's).
6	MKC UGMH Pvt.Ltd./2022-23/192	03.03.2023	Submission of Material for Third Party Laboratory.
7	MKC UGMH Pvt.Ltd./2022-23/193	06.03.2023	Regarding stoppage of work
8	MKC UGMH Pvt.Ltd./2022-23/194	06.03.2023	Submission of Profile and credential of Admixture (Sika India limited).
9	MKC UGMH Pvt.Ltd./2022-23/195	06.03.2023	Submission of Revised Design & Drawings of 3 Nos. of MNB's
10	MKC UGMH Pvt.Ltd./2022-23/196	06.03.2023	Submission of GADs of 65 Nos. of Box Culverts
11	MKC UGMH Pvt.Ltd./2022-23/197	06.03.2023	Drone Video February-2023
12	MKC UGMH Pvt.Ltd./2022-23/198	10.03.2023	Compliance on Monthly Joint Site Inspection Report for the Month of February-2023 as per Clause 13.2, Article 13 of the Concession Agreement.
13	MKC UGMH Pvt.Ltd./2022-23/199	11.03.2023	To PD for Work stoppage at site
14	MKC UGMH Pvt.Ltd./2022-23/200	14.03.2023	Submission for Approval of Dense Bituminous Macadam Mix Design Grade-II
15	MKC UGMH Pvt.Ltd./2022-23/201	14.03.2023	Submission of Design & Drawings of 16 Nos. of MNB's
16	MKC UGMH Pvt.Ltd./2022-23/202	15.03.2023	Submission of Borrow Area Test Result for Approval.
17	MKC UGMH Pvt.Ltd./2022-23/203	15.03.2023	Submission of Employees Compensation Insurance Policy.
19	MKC UGMH Pvt.Ltd./2022-23/205	18.03.2023	Conducting of Non-Destructive Test (NDT).
20	MKC UGMH Pvt.Ltd./2022-23/206	18.03.2023	Submission of Design & Drawings of 3 Nos. of MNB's
21	MKC UGMH Pvt.Ltd./2022-23/208	19.03.2023	Submission of GADs of 20 Nos. of Box Culverts
22	MKC UGMH Pvt.Ltd./2022-23/209	20.03.2023	Submission of Profile and credential of Emulsions (Hincol).
23	MKC UGMH Pvt.Ltd./2022-23/210	20.03.2023	Regarding Release of Balance Payment (10%) of 2nd Payment Milestone Bill.
24	MKC UGMH Pvt.Ltd./2022-23/211	20.03.2023	Submission of Design & Drawings of 2 Nos. of VUP's
25	MKC UGMH Pvt.Ltd./2022-23/212	22.03.2023	Closure of NCR No. 12-Regarding Ch. 110+863 SVUP.
26	MKC UGMH Pvt.Ltd./2022-23/213	25.03.2023	Submission of Design & Drawings of MJB at Chainage 130+798

Package-III**Monthly Progress Report March- 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**

27	MKC UGMH Pvt.Ltd./2022-23/215	27.03.2023	Submission of Profile and credential of Spectra (Tensar) (Geo Grid)).
28	MKC UGMH Pvt.Ltd./2022-23/216	27.03.2023	Submission of Concrete Mix Design.
29	MKC UGMH Pvt.Ltd./2022-23/217	27.03.2023	Providing Interchange P&P & Auto CAD Drawing of Pkg-18 (Delhi-Vadodara Expressway).
30	MKC UGMH Pvt.Ltd./2022-23/218	30.03.2023	Submission of borrow area test result
31	MKC UGMH Pvt.Ltd./2022-23/219	30.03.2023	Submission of profile and credential JORA IND.
32	MKC UGMH Pvt.Ltd./2022-23/220	31.03.2023	Regarding Chainage wise status of C&G & Tree Cutting

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	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						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						91+900						
						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						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						94+600						
						94+700						
						94+800						
						94+900						
						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						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS					CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top		C&G	SG Top	GSB	WMM	DBM	BC
					97+300						
					97+400						
					97+500						
					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						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						100+000						
						100+100						
						100+200						
						100+300						
						100+400						
						100+500						
						100+600						
						100+700						
						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						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						102+700						
						102+800						
						102+900						
						103+000						
						103+100						
						103+200						
						103+300						
						103+400						
						103+500						
						103+600						
						103+700						
						103+800						
						103+900						
						104+000						
						104+100						
						104+200						
						104+300						
						104+400						
						104+500						
						104+600						
						104+700						
						104+800						
						104+900						
						105+000						
						105+100						
						105+200						
						105+300						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						105+400						
						105+500						
						105+600						
						105+700						
						105+800						
						105+900						
						106+000						
						106+100						
						106+200						
						106+300						
						106+400						
						106+500						
						106+600						
						106+700						
						106+800						
						106+900						
						107+000						
						107+100						
						107+200						
						107+300						
						107+400						
						107+500						
						107+600						
						107+700						
						107+800						
						107+900						
						108+000						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						108+100						
						108+200						
						108+300						
						108+400						
						108+500						
						108+600						
						108+700						
						108+800						
						108+900						
						109+000						
						109+100						
						109+200						
						109+300						
						109+400						
						109+500						
						109+600						
						109+700						
						109+800						
						109+900						
						110+000						
						110+100						
						110+200						
						110+300						
						110+400						
						110+500						
						110+600						
						110+700						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						110+800						
						110+900						
						111+000						
						111+100						
						111+200						
						111+300						
						111+400						
						111+500						
						111+600						
						111+700						
						111+800						
						111+900						
						112+000						
						112+100						
						112+200						
						112+300						
						112+400						
						112+500						
						112+600						
						112+700						
						112+800						
						112+900						
						113+000						
						113+100						
						113+200						
						113+300						
						113+400						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						113+500						
						113+600						
						113+700						
						113+800						
						113+900						
						114+000						
						114+100						
						114+200						
						114+300						
						114+400						
						114+500						
						114+600						
						114+700						
						114+800						
						114+900						
						115+000						
						115+100						
						115+200						
						115+300						
						115+400						
						115+500						
						115+600						
						115+700						
						115+800						
						115+900						
						116+000						
						116+100						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						116+200						
						116+300						
						116+400						
						116+500						
						116+600						
						116+700						
						116+800						
						116+900						
						117+000						
						117+100						
						117+200						
						117+300						
						117+400						
						117+500						
						117+600						
						117+700						
						117+800						
						117+900						
						118+000						
						118+100						
						118+200						
						118+300						
						118+400						
						118+500						
						118+600						
						118+700						
						118+800						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						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						
						121+100						
						121+200						
						121+300						
						121+400						
						121+500						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						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						
						124+000						
						124+100						
						124+200						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						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						
						126+900						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						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						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						129+700						
						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						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS						CHAINAGE	RHS					
BC	DBM	WMM	GSB	SG Top	C&G		C&G	SG Top	GSB	WMM	DBM	BC
						132+400						
						132+500						
						132+600						
						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						

UJJAIN-GAROTH PKG-III

HIGHWAY STRIP CHART

LHS					CHAINAGE	RHS						
BC	DBM	WMM	GSB	SG Top		C&G	C&G	SG Top	GSB	WMM	DBM	BC
						135+100						
						135+200						
						135+300						
						135+400						

MKC UGMHPL PKG-III Site Photograph



RO Bhopal Inspected the Project site on dated 04.03.2023



Project Director & Manager Tech (NHAI-PIU-Ujjain) Inspected the Project Site



DRB Member Meeting at Project Office on dated 24.03.2023



Sub-Grade Top Rolling Work in Progress



GSB Work in Progress



Geo-Grade Laying Work in Progress



WMM Laying at Site



Emulsion spraying at WMM Top



DBM Work in Progress at Site at Ch. 97+000 to 97+300 RHS



Box Culvert Backfilling Work in Progress at various locations



MNB 108+513 Raft Reinforcement Work in Progress



DBM Grade-II Core cutting at Ch. 97+070 to 97+270 RHS



 GPS Map Camera

ch.105+180, fdd checking, India
Suwasra Rd, Varni, Madhya Pradesh 458880, India
Lat 24.281499°
Long 75.637175°
27/03/23 02:55 PM GMT +05:30



FDD Checking at Ch. 105+180